



Regular City Council Meeting

Crest Hill, IL

June 17, 2024

7:00 PM

Council Chambers

20600 City Center Boulevard, Crest Hill, IL 60403

Agenda

Opening of Meeting:

Pledge of Allegiance

Roll Call

Minutes:

- [1.](#) Approve the Minutes from the Regular Meeting Held on June 3, 2024
- [2.](#) Approve the Minutes from the Special Work Session Meeting Held on June 4, 2024
- [3.](#) Approve the Minutes from the Work Session Meeting Held on June 10, 2024

City Attorney:

City Administrator:

Public Works Department:

City Engineer:

- [4.](#) Approve an Ordinance to Establish the Grand Prairie Water Commission, Approve an Intergovernmental Agreement and a Water Supply Agreement, Appoint Representatives to the Commission, and Authorize Approval of Bylaws and a Program Management Agreement, and Other Related Matters
- [5.](#) Approve a Resolution Approving an Agreement for Circle and Green Water Main Replacement and Road Reconstruction Improvement by and between the City of Crest Hill, Will County, Illinois and Austin Tyler Construction, Inc. for an Amount of \$1,582,230.63
- [6.](#) Approve a Resolution Approving an Agreement for Professional Engineering Services for 2024 Sanitary Sewer Cleaning and Televising Bid and Oversight Services (From Rich Products to Oakland Avenue) by and between the City of Crest Hill, Will County, Illinois and Robinson Engineering, Ltd. for an Amount of \$26,750.00
- [7.](#) Approve a Resolution Approving an Agreement for Weber Road Traffic Signals Improvement (Ryan and McGilvray) by and between the City of Crest Hill, Will County, Illinois and Christopher B. Burke Engineering, Ltd. for an Amount of \$128,000.00

The Agenda for each regular meeting and special meeting (except a meeting held in the event of a bona fide emergency, rescheduled regular meeting, or any reconvened meeting) shall be posted at the City Hall and at the location where the meeting is to be held at least forty-eight (48) hours in advance of the holding of the meeting. The City Council shall also post on its website the agenda for any regular or special meetings. The City Council may modify its agenda for any regular or special meetings. The City Council may modify its agenda before or at the meeting for which public notice is given, provided that, in no event may the City Council act upon any matters which are not posted on the agenda at least forty-eight (48) hours in advance of the time for the holding of the meeting.

- [8.](#) Award the Contract to Austin Tyler Construction, Inc. for the Public Works Facility Rear Yard Re-Grading Improvement in the Amount of \$92,665.00

Community Development:

- [9.](#) Approve an Ordinance Extending Ordinance 1959, an Ordinance Granting a Special Use Permit with Respect to Certain Real Property Located within the Corporate Boundaries of the City of Crest Hill (Application of A & D Storage, LLC)

Police Department:

Mayor's Report:

- [10.](#) Approve a Resolution Honoring John S. Vershay for His 45 Years of Service to the City of Crest Hill
- [11.](#) Ward I Alderman Vacancy Appointment-Angelo Deserio

City Clerk's Report:

- [12.](#) Approve an Application for a Block Party for Clement St. – Kim Frederick

City Treasurer's Report:

- [13.](#) Approve a Resolution Amending Sections 4.3,6.1, 6.2, 6.3, and 6.4 of the Crest Hill Employee Handbook and Adopting a Revised Employee Performance Evaluation Program
- [14.](#) Approval of the List of Bills issued through June 18, 2024 in the Amount of \$741,120.90
15. Regular and Overtime Payroll from May 20, 2024 to June 2, 2024 in the Amount of \$260,658.42

Unfinished Business:

New Business:

Committee/Liaison Reports:

City Council Comments:

Public Comment:

Executive Session: If Called by Council for a Good Cause

16. 5ILCS 120/2(c)(1): The appointment, employment, compensation, discipline, performance, or dismissal of specific employees of the public body or legal counsel for the public body, including hearing testimony on a complaint lodged against an employee of the public body or against legal counsel for the public body to determine its validity.

Adjourn:

MINUTES OF THE REGULAR MEETING
CITY COUNCIL OF CREST HILL
WILL COUNTY, ILLINOIS
June 3, 2024

The regular meeting of the City of Crest Hill was called to order by Mayor Raymond R. Soliman at 7:00 p.m. in the Council Chambers, 20600 City Center Boulevard, Crest Hill, Will County, Illinois.

The Pledge of Allegiance was recited in unison. Mayor Soliman asked everyone to remain standing. He commented that a long time Crest Hill resident, Harriet Luce, passed away on Sunday, May 26, 2024. She was eighty-six (86) years old and had served on the Crest Hill Veterans & Police Memorial Committee for ten (10) years volunteering her time. Mayor Soliman asked for a moment of silence to honor Harriet Luce.

Roll call indicated the following present: Mayor Raymond Soliman, City Treasurer Glen Conklin, City Clerk Christine Vershay-Hall, Alderman Scott Dyke, Alderman Darrell Jefferson, Alderwoman Claudia Gazal, Alderperson Tina Oberlin, Alderman Mark Cipiti, Alderman Nate Albert (7:02pm), Alderman Joe Kubal.

Also present were: Interim City Administrator Tony Graff, Police Chief Ed Clark, City Engineer Ron Wiedeman, Interim Public Works Director Mike Eulitz, Interim Director of Community Development Ron Mentzer, Interim Human Resource Manager Dave Strahl, City Attorney Mike Stiff, Deputy Clerk Karen Kozerka.

Absent were: Interim Director of Finance Carron Johnson, Interim City Planner Maura Rigoni, Building Commissioner Don Seeman.

APPROVAL OF MINUTES: Mayor Soliman presented the minutes from the Regular Meeting held on May 20, 2024, for Council approval per the memo dated June 3, 2024.

(#1) Motion by Alderwoman Gazal seconded by Alderman Jefferson, to Approve the Minutes from the Regular Meeting Held on May 20, 2024, per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Dyke, Jefferson, Gazal, Oberlin, Cipiti, Kubal.

NAYES: None.

ABSTAIN: Ald. Albert.

ABSENT: None.

There being six (6) affirmative votes, the MOTION CARRIED.

Mayor Soliman asked for the Council's concurrence to deviate to the Mayor's Report on the agenda. He commented that representatives from the American Italian Cultural Society are in attendance for the Festa Italiana 2024, which is on August 9, 2024, through August 11, 2024.

Dan Brandolino and Christina Hayden from the American Italian Cultural Society approached the podium and commented that they are having their 2024 Festa Italiana Picnic on August 9, through August 11, 2024. Christina announced the band line-up and

menu items that would be available. Dan informed the Council that he had been in contact with Police Chief Ed Clark and discussed security for the event.

Alderman Dyke asked how the security contract is being managed for this event. Chief Clark commented that they have discussed parking and he said he would be presenting the contract to the Council.

Mayor Raymond Soliman requested to Approve a Three-Day Liquor License Waiver for Festa Italiana - American Italian Cultural Society per the memo dated June 3, 2024. This is a \$50.00 fee per day which would amount to a \$150.00 fee waiver for the three days.

(#2) Motion by Alderperson Oberlin seconded by Alderwoman Gazal, to Approve a Three-Day Liquor License Waiver for Festa Italiana - American Italian Cultural Society per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Jefferson, Gazal, Oberlin, Kubal, Dyke.

NAYES: None.

ABSTAIN: Ald. Cipiti, Albert.

ABSENT: None.

There being five (5) affirmative votes, the MOTION CARRIED.

Mayor Raymond Soliman requested to Approve a Sign Permit Waiver for Festa Italiana - American Italian Cultural Society per the memo dated June 3, 2024.

(#3) Motion by Alderperson Oberlin seconded by Alderwoman Gazal, to Approve a Sign Permit Waiver for Festa Italiana - American Italian Cultural Society per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Kubal, Dyke, Jefferson, Gazal, Oberlin.

NAYES: None.

ABSTAIN: Ald. Cipiti, Albert.

ABSENT: None.

There being five (5) affirmative votes, the MOTION CARRIED.

Mayor Raymond Soliman requested to Approve a Parade Road Closure for Festa Italiana - American Italian Cultural Society per the memo dated June 3, 2024. This would be for approval of the road closure and use of our police officers.

(#4) Motion by Alderperson Oberlin seconded by Alderman Dyke, to Approve a Parade Road Closure for Festa Italiana - American Italian Cultural Society per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Gazal, Oberlin, Kubal, Dyke, Jefferson.

NAYES: None.

ABSTAIN: Ald. Cipiti, Albert.

ABSENT: None.

There being five (5) affirmative votes, the MOTION CARRIED.

CITY ATTORNEY: There were no agenda items.

CITY ADMINISTRATOR: Interim City Administrator Tony Graff commented that he emailed his report to the Council on Friday, and he has no agenda items but would entertain any questions.

Alderman Gazal asked the status of the microphones for the Chambers. Interim Administrator Graff commented that LVS has looked at the microphones and feels they all need to be replaced and he will be submitting a proposal shortly. The proposal will be for twenty-one (21) microphones, which will be at the dais and the sides, as well.

Alderman Gazal asked Interim Administrator Graff if he had investigated the overtime that she had asked him about. Interim Administrator Graff commented that he did investigate that.

Alderman Gazal stated that she felt it would have been nice if the Elected Officials were asked to hand out brochures at the Memorial event instead of paying many hours of overtime. She also commented that there was a lot of overtime that day.

PUBLIC WORKS DEPARTMENT: Interim Public Works Director Mike Eulitz commented that he has no agenda items but is willing to answer any questions.

Alderman Dyke commented that in the past there was an issue with the Ford Explorer being used and having damage and he is wondering since then if they have a procedure in place. He also asked if anyone could get ahold of the keys and use it without permission, and if the vehicle is checked for damages after someone uses it. Interim Director Eulitz commented that there is a procedure in place and an employee cannot just take the vehicle without approval and it is inspected before and after each use. Alderman Dyke asked if permission was given, and an inspection was done on Memorial Day when the car was used during the ceremony. Interim Director Eulitz commented that the vehicle was inspected on Friday, May 24, 2024, and then it was inspected again on Tuesday, May 28, 2024. Alderman Dyke then asked Interim Director Eulitz if authority was granted for use of that vehicle for Monday. Interim Director Eulitz commented that authority was granted.

Alderman Oberlin thanked Interim Director Eulitz for his correspondence for the Lidice and she commented that she appreciates his help.

Alderman Cipiti asked if Interim Director Eulitz could give a brief description of the mosquito spraying that will be taking place. Interim Director Eulitz commented that on June 4, 2024, between the hours of 9:00 p.m. until 2:00 a.m. there will be mosquito spraying trucks going through the area spraying for mosquitos.

CITY ENGINEER: City Engineer Ron Wiedeman requested to Award the Contract and have the Mayor Execute the Construction Contract Documents with Davis Concrete Contractors for the 2024/2025 MFT Concrete Flatwork Program (Section No 25-00000-01-GM) in the Amount of \$99,159.00 per the memo dated June 3, 2024.

(#5) Motion by Alderman Jefferson seconded by Alderman Oberlin, to Award the Contract and have the Mayor Execute the Construction Contract Documents with Davis

Concrete Contractors for the 2024/2025 MFT Concrete Flatwork Program (Section No 25-00000-01-GM) in the Amount of \$99,159.00 per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Albert, Kubal, Dyke, Jefferson, Gazal, Oberlin, Cipiti.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

City Engineer Ron Wiedeman requested to Award the Contract to Gallagher, Asphalt Corporation for the 2024 Roadway Rehabilitation Program in the Amount of \$1,119,951.39 per the memo dated June 3, 2024.

(#6) Motion by Alderman Jefferson seconded by Alderwoman Gazal, to Award the Contract to Gallagher, Asphalt Corporation for the 2024 Roadway Rehabilitation Program in the Amount of \$1,119,951.39 per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Kubal, Dyke, Jefferson, Gazal, Oberlin, Cipiti, Albert.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

ECONOMIC DEVELOPMENT DEPARTMENT: Interim Community Development Director Ron Mentzer commented that the item regarding the Sale of Property 1610 Plainfield Road (Old City Hall) will need to be discussed in the Executive Section before acting on this item.

Alderman Oberlin asked if everything was okay with the resident that he reached out to. Interim Director Mentzer commented that he has made a mess which he will have to clean up, but he did really appreciate the time that the city staff gave him to explain the options he has.

POLICE DEPARTMENT: Police Chief Ed Clark commented that he has no agenda items but wanted to announce that they are participating in the Law Enforcement Torch Run for Special Olympics. It is a great event, and he is very thankful for those who run. Crest Hill will pick the torch up at Route 53 and Caton Farm Road and then go up Caton Farm Road to the City Center and then go back up to Caton Farm Road to Weber Road and then past the Old City Hall to St. Joe's Park where the City of Joliet will pick up the torch.

Alderwoman Gazal commented that she met with City Engineer Ron Wiedeman regarding signage by Willow Circle. The residents have major concerns about the amount of traffic and would like a stop sign on the north side. Chief Clark commented that he would talk with the city engineer and start working on that.

MAYOR: Mayor Raymond Soliman commented that the item regarding presenting a Conditional Offer of Employment for a Full Time Building Inspector will need to be discussed in Executive Session before acting on this item.

Mayor Soliman announced that he would like to extend his deepest apologies to Alderwoman Gazal for not having a moment of silence for her father when he had passed

away and he takes full responsibility in his action, and he is sure Mr. Gazal was a great father and great grandfather. Mayor Soliman extended his deepest condolences to Alderwoman Gazal and all her family and asked for everyone to keep Mr. Gazal in their thoughts and prayers.

Mayor Soliman announced that he and his wife, Vicky, attended Chaney-Monge School 8th Grade Graduation on Tuesday, May 28, 2024, and then attended Richland Graduation on Wednesday, May 29, 2024. There were fifty-two graduates from Chaney-Monge School and 110 from Richland School. Mayor Soliman congratulated all graduates and wished them nothing but the best in the future and a great summer.

Mayor Soliman announced that the Memorial Day Ceremony was a great day with approximately 125 people present. He extended his heart felt gratitude to everybody that helped in any role and all participants in the program.

Alderman Dyke asked if there would be a resolution to honor Alderman John Vershay for all his years of service with the City of Crest Hill. Mayor Soliman commented that he would look into doing this.

Alderwoman Gazal asked if the Mayor had received any resumes for the ward one vacancy. Mayor Soliman commented that he has three resumes and will be bringing a candidate forward at the Work Session Monday, June 10, 2024. Alderwoman Gazal asked if he had interviewed everyone. Mayor Soliman commented that he has not interviewed everyone yet.

CITY CLERK: City Clerk Christine Vershay-Hall requested to Approve an Application for a Block Party for Alma Drive – Michelle Maynard per the memo dated June 3, 2024. This would be from 2:00 p.m. until 10:00 p.m. and they are asking to close off Alma Drive from Innercircle to Hosmer Lane.

(#7) Motion by Alderman Dyke seconded by Alderman Albert, to Approve an Application for a Block Party for Alma Drive – Michelle Maynard per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Oberlin, Cipiti, Albert, Kubal, Dyke, Jefferson, Gazal.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

CITY TREASURER: City Treasurer Glen Conklin requested to Approve a Resolution Designating Carron Johnson as the Illinois Municipal Retirement Fund (IMRF) Authorized Agent for the City of Crest Hill per the memo dated June 3, 2024.

(#8) Motion by Alderperson Oberlin seconded by Alderman Jefferson, to Approve a Resolution Designating Carron Johnson as the Illinois Municipal Retirement Fund (IMRF) Authorized Agent for the City of Crest Hill per the memo dated June 3, 2204.

On roll call, the vote was:

AYES: Ald. Dyke, Jefferson, Gazal, Oberlin, Cipiti, Albert, Kubal.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.
Resolution #1235

City Treasurer Glen Conklin requested to Approve the list of bills issued through June 4, 2024, in the Amount of \$1,760,003.26 per the memo dated June 3, 2024.

(#9) Motion by Alderperson Oberlin, seconded by Alderman Jefferson, to Approve the list of bills issued through June 4, 2024, in the amount of \$1,760,003.26 for Council approval per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Gazal, Oberlin, Cipiti, Albert, Kubal, Dyke, Jefferson.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

City Treasurer Glen Conklin presented the regular and overtime payroll from May 6, 2024, through May 19, 2024, in the amount of \$257,336.15 per the memo dated June 3, 2024.

UNFINISHED BUSINESS: There were no unfinished business items on the agenda.

NEW BUSINESS: There was no new business.

COMMITTEE/LIAISON REPORTS: Alderperson Oberlin commented that the Lidice Ceremony will be on Sunday, June 9, 2024, at 11:00 a.m. at the Lidice Memorial Park. It will be moved to City Hall if there is rain.

COUNCIL COMMENTS: Alderperson Oberlin commented that she was overwhelmed with all her recent illnesses and surgeries and wanted to thank all the residents for the outpouring of texts, and phone calls checking on her, it was very moving and very much appreciated.

Alderman Cipiti congratulated all the graduates and wished them good luck on their next steps in life.

Alderwoman Gazal announced they will be starting 'Lets Meet at the Park' on June 26, 2024, at 6:00 p.m. at the Fields of Long Meadow. She commented that 'Touch a Truck' will be there, giveaways, and hotdogs. She also thanked Chief Clark for supporting the community and keeping his promise.

PUBLIC COMMENT: There were no public comments.

Mayor Soliman informed the Council that there was a need for an executive session on 5ILCS 120/2(c)(1), 5ILCS 120/2(c)(6), and 5ILCS 120/2 (c)(11) per the memo dated June 3, 2024.

(#10) Motion by Alderperson Oberlin seconded by Alderman Jefferson, to go into executive session on 5ILCS 120/2(c)(1), 5ILCS 120/2(c)(6), and 5ILCS 120/2(c)(11) per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Cipiti, Albert, Kubal, Dyke, Jefferson, Gazal, Oberlin.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

Executive Session 7:32 p.m.

(#11) Motion by Alderperson Oberlin seconded by Alderman Jefferson, to reconvene from the executive session on 5ILCS 120/2(c)(1), 5ILCS 120/2(c)(6), and 5ILCS 120/2(c)(11) per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Albert, Kubal, Dyke, Jefferson, Gazal, Oberlin, Cipiti.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

Reconvened 9:37 p.m.

City Attorney Mike Stiff requested a Motion to Approve the Mayor Signing the Revised Letter of Intent for the Sale of the Property Located at 1610 Plainfield Road, Crest Hill IL as discussed in Executive Session.

(#12) Motion by Alderperson Oberlin seconded by Alderman Dyke, to Approve the Letter of Intent for the Sale of the Property Located at 1610 Plainfield Road, Crest Hill IL (Executive Session) per the memo dated June 3, 2024.

On roll call, the vote was:

AYES: Ald. Kubal, Dyke, Oberlin, Albert.

NAYES: Ald. Jefferson, Gazal, Cipiti.

ABSENT: None.

There being four (4) affirmative votes, the MOTION CARRIED.

City Attorney Mike Stiff requested a Motion to Present a Conditional Offer of Employment for a Full Time Building Inspector position at a Salary of \$63,000.00 as discussed in Executive Session.

(#13) Motion by Alderman Dyke seconded by Alderman Jefferson, to Present a Conditional Offer of Employment for a Full Time Building Inspector position with a Starting Salary of \$63,000.00 to the Candidate.

On roll call, the vote was:

AYES: Ald. Gazal, Oberlin, Cipiti, Albert, Kubal, Dyke, Jefferson.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

There being no further business before the Council, and no action needed from the executive session, a motion for adjournment was in order.

(#14) Motion by Alderman Dyke seconded by Alderman Albert, to adjourn the June 3, 2024, Council meeting.

On roll call, the vote was:

AYES: Ald. Oberlin, Cipiti, Albert, Kubal, Dyke, Jefferson, Gazal.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

The meeting was adjourned at 9:40 p.m.

Approved this _____ day of _____, 2024

As presented _____

As amended _____

CHRISTINE VERSHAY-HALL, CITY CLERK

RAYMOND R. SOLIMAN, MAYOR

MINUTES OF THE SPECIAL WORK SESSION
CITY COUNCIL OF CREST HILL
WILL COUNTY, ILLINOIS
June 4, 2024

The June 4, 2024, City Council work session was called to order by Mayor Raymond R. Soliman at 7:00 p.m. in the Council Chambers, 20600 City Center Blvd. Crest Hill, Will County, Illinois.

The following Council members were present: Mayor Raymond Soliman, City Clerk Christine Vershay-Hall, City Treasurer Glen Conklin, Alderman Scott Dyke, Alderman Darrell Jefferson, Alderwoman Claudia Gazal, Alderperson Tina Oberlin, Alderman Mark Cipiti, Alderman Nate Albert.

Absent: Alderman Joe Kubal.

Also Present were: Interim Administrator Tony Graff, City Engineer Ron Wiedeman, Interim Public Works Director Mike Eulitz, City Attorney Mike Santschi.

Absent were: Interim Finance Director Carron Johnson, Police Chief Ed Clark, Interim Community Development Director Ron Mentzer, Interim Employee Relations Dave Strahl, Interim Planner Maura Rigoni, Building Commissioner Don Seeman.

TOPIC: Presentation – Grand Prairie Water Commission

Mayor Soliman commented that Chris Ulm from Strand & Associates and Allison Swisher from the City of Joliet will be in attendance tonight. He stated that Allison Swisher has been the lead of this project for two plus years and has done a fantastic job keeping everyone up to date.

Allison Swisher approached the podium and introduced herself commenting that she is the Director of Public Utilities for the City of Joliet and is acting as the Program Director for the Grand Prairie Water Commission. She has been working on this project for six years starting in 2018.

She started by saying how the groundwater sources in the region are in jeopardy since the aquifer is being depleted to the point of inoperability and water quality is deteriorating and the region can no longer rely on groundwater sources, and we needed to look at alternative sources. This is a regional problem and a regional solution and with regions working together there is greater power than a single community could not have done.

The first step in forming a water commission was passing the legislation to form the water commission that would meet the needs of our communities. She had gone to Springfield and was successful in passing the legislation in the fall of 2021.

The second step was execution of the preliminary agreement of formation of the water commission which was done in February of 2022. This was the document of the guiding principles and key terms for the formation of the water commission.

In August of 2022, the Grand Prairie Water Commission was announced which included the communities of Joliet, Romeoville, Crest Hill, Shorewood, Minooka, and Channahon. The mission of this commission is to provide a safe and reliable source of drinking water by 2030 to our communities.

Since 2022 the Mayors and Managers of the communities have been meeting monthly and the staff from the communities have been meeting twice a month to discuss many elements of the program.

In the commission there are four key documents:

- Intergovernmental Agreement to Establish Grand Prairie Water Commission
- Grand Prairie Water Commission Water Supply Agreement
- Bylaws of the Grand Prairie Water Commission
- Intergovernmental Agreement for Program Management (between GPWC and Joliet)

Intergovernmental Agreement – Is a document that upon execution of the communities establishing the commission. All these documents will be executed by June 26, 2024, which is the last community meeting held to approve these documents. This document establishes that the six communities mentioned are the charter members and additional members, if any, would require the approval of all members, boards, and Councils and be a unanimous vote. This also establishes the Board of Commissioners (BOC), and Technical Advisory Committee (TAC) which is made up of staff delegates from each community who advises the Board of Commissioners. Each community will identify their delegate and that delegate has one equal vote on the Technical Advisory Committee. Also, a withdrawal of a member must be approved unanimously by the Board of Commissioners and by all Member Boards/Councils.

Grand Prairie Water Supply Agreement - This is the agreement between the Commission and the Communities for the provision of Lake Michigan water and it is a 100-year agreement and is not in effect until December 31, 2123. It also identifies how water is sold and purchased. One of the major key principles has been that many of the elements of the program are based on declared maximum day demand (DMDD) which is a value of the capacity that each community has within the system. Crest Hill proportion of the system is approximately eight percent of the overall of the 55.2 MGD capacity in the system.

There are several costs attributable to each member which are:

- Purchased Water Costs – Volume of water that you use and pay for.
- Operation & Maintenance Cost – Assessed by the volume of water utilized.
- Reserve Costs – Which is based on your demand.
- Commission Administration Costs – Cost that exists regardless of if one gallon of water is sold or a billion gallons sold.
- Capital Costs – Which is shared by each community's amount of the system.

There is an overall budget for the program which is \$1.45 Billion Dollars and within that amount it is split amongst the costs shared for everyone and then there is other costs that are allocated per each community. Crest Hills portion of the Commission Capital Cost is a

little over \$105,000,000.00 and that is the shared costs. For the costs that are specifically for Crest Hill would be the \$1.7 Million.

The Board of Commissioners approves the Commission Budget and Program Budget and Schedule and is anticipated to be done on an annual basis.

There are provisions related to Stateville, in Section 4.2(b)vi it relates to the return of capacity if Stateville were to close and Section 6.8(b) is related to late payments and how those would be treated by the Commission if Stateville is late in their water payment.

Bylaws of the Grand Prairie Water Commission – This governs the function and operation of the Commission and establishes the organizational structure and the ordinance that each community that approves will direct their commissioner to approve the bylaws at the first meeting of the Commission.

The bylaws identify officers of the Commission and there is a rotation that is established where every two years the officers change. The bylaws talk about the administrative staff and meetings that are subject to the Open Meetings Act.

Intergovernmental Agreement for Program Management (PMA) – This is an agreement that is between the commission and the City of Joliet for Joliet to manage the program. There is two services Joliet will be providing which are managing the program and helping administer the commission until the commission hires employees. Joliet has been managing this role since 2022 and is anticipated until 2031.

- Program Management Services – Will be provided by Joliet to manage the land acquisition, manage consultants and management team, oversee the governmental and public outreach and the legal services.
- Commission Management Services – which will be provided by City of Joliet to include management of Commission administration support, financial matters, human resources, public outreach, and operational support until Commission staff is hired.

City of Joliet will fulfill three roles which are Program Director, Program Finance Director, and Operation and Maintenance Liaison. Allison Swisher will be the Program Director, the Program Finance Director will be the City of Joliet Finance Director, and the City of Joliet Plan Operations Director will be the Operation and Maintenance Liaison.

There is a fee associated with the Program Management Agreement which is approximately \$2.9 Million Dollars which is a fixed fee which compensates the City of Joliet for the services being provided. Of that \$2.9 Million City of Joliet will pay approximately sixty percent of that cost.

Basis of Design is a document containing the rationale, principles, assumptions, to be used for the design for the Commission System and implementation of the Program. This also establishes a targeted water delivery date of May 1, 2030, and cannot be adjusted until the Board of Commissioners unanimously approves it.

There are over twenty-seven different projects that will be bid out to build the infrastructure. The connection facility is in Chicago and there is sixty-five miles of

transmission main to get from 85th and Kedvale in Chicago to the furthest point in Channahon, we have storage facilities, and pumping stations. The construction is starting in Chicago, but our area will not see construction until around 2026.

Alderman Albert asked if they could go into detail regarding if Stateville did close and what that process would like for the City of Crest Hill.

City Engineer Ron Wiedeman commented that if Stateville were to close this process would allow us to return an amount up to 1.22 which is what we declared that is our Stateville portion of our maximum daily demand.

Alderman Jefferson asked if there would be any time that Crest Hill would want an additional supply of water. Engineer Wiedeman commented that there was a study done of all Crest Hill that could be potentially developed or annexed and that is where the 4.18 came from.

Chris Ulm from Strand & Associates commented that they looked at every available parcel of land and they looked at the parcels of Stateville that could be residential in that number. He commented that after 2050 you will not see much change since there would be no more possible build out in Crest Hill after 2050.

Mayor Soliman commented that we were at a fifteen percent water loss when this first started, and Crest Hill has done an extraordinary amount of infrastructure improvements throughout the city and asked where we are at with the water loss. It was stated that we do not have the recent audit results. Engineer Wiedeman commented that the last thing he heard was that we were at twelve percent, but we are doing a new audit to see where we are at to encompass some of the projects we have completed.

Alderman Jefferson asked if the debt service is a fixed debt service or an adjustable rate. The funding strategy is made up of multiple sources and they are currently in the process of applying for a federal low interest loan program that will fund forty-nine percent of the program and later this year when we close on that we will lock in an interest rate for the next thirty-five years for that loan. Allison Swisher commented that the balance would then be fifty-one percent and made up of revenue bonds and SRF loans which will be issued over the next six years and when the program is complete, and we have all the bills paid and debt issued each member community will receive a payment table that will be fixed until 2065.

Mayor Soliman commented that the numbers for all the communities that are listed are without any funding from the Federal Government, State Government, or any grants which we will receive. Allison Swisher commented that the funding was not factored into the funding strategy so whatever funding is received will help with the bottom line and today we have received \$7 Million.

Alderman Cipiti asked if there is any way to give your best guess of what a water bill would be in terms of comparing to their current bill. Allison commented that each community will do an analysis based on their system and improvement and there are many variables that go into what the rate is and then it will be voted on and approved.

Alderman Cipiti asked with the switch to Lake Michigan Water will the rusty watercolor change since we will have the same pipes. Chris Ulm from Strand & Associates commented that there is a buildup lining on the pipes of iron deposits and hardness and when sending the new water in there might be some flushing. It will not be an amazing change on day one, but Lake Michigan Water is of much higher quality and less aggressive water but might take up to six months to notice.

Interim Administrator Graff commented that an important factor to understand is what the system is bringing to our city which is the backup of secondary resource water which is important. If something happens in the big city, we will have a secondary resource system.

Mayor Soliman commented that this will be voted on at the June 17, 2024, Council meeting.

PUBLIC COMMENT:

There were no public comments.

MAYOR'S UPDATES:

There were no Mayor updates.

COMMITTEE/LIAISON UPDATES:

Aldersperson Oberlin commented that the Lidice Ceremony will be on Sunday, June 9, 2024, at 11:00 a.m. at the Lidice Memorial Park. We have been celebrating this in our city since 1942 and were the first city to do that. She encourages everyone to attend.

CITY ADMINISTRATOR UPDATES:

There were no City Administrator updates.

The meeting was adjourned at 8:09pm.

Approved this _____ day of _____, 2024

As presented _____

As amended _____

CHRISTINE VERSHAY-HALL, CITY CLERK

RAYMOND R. SOLIMAN, MAYOR

MINUTES OF THE WORK SESSION
CITY COUNCIL OF CREST HILL
WILL COUNTY, ILLINOIS
June 10, 2024

The June 10, 2024, City Council work session was called to order by Mayor Raymond R. Soliman at 7:00 p.m. in the Council Chambers, 20600 City Center Blvd. Crest Hill, Will County, Illinois.

The following Council members were present: Mayor Raymond Soliman, City Treasurer Glen Conklin, Alderman Scott Dyke, Alderman Darrell Jefferson, Alderwoman Claudia Gazal, Alderperson Tina Oberlin, Alderman Mark Cipiti, Alderman Nate Albert, Alderman Joe Kubal.

Also Present were: Interim Administrator Tony Graff, City Engineer Ron Wiedeman, Interim Finance Director Carron Johnson, Interim Community Development Director Ron Mentzer, Interim Human Resource Manager Dave Strahl, City Attorney Mike Stiff.

Absent were: Interim Public Works Director Mike Eulitz, Police Chief Ed Clark, Building Commissioner Don Seeman, Interim City Planner Maura Rigoni.

TOPIC: Ward I Alderman Vacancy Recommendation

Mayor Raymond Soliman commented that with the vacancy of Ward I Alderman seat he feels Angelo Deserio would make a good candidate to the vacancy. He commented that Angelo is more than qualified to fill the seat. Angelo has served on the Plan Commission Board for the last four (4) years and is a good steppingstone.

Angelo Deserio approached the podium and introduced himself. He commented that he has served on the Plan Commission, he has helped with Lidice Clean-up, Family Picnic, Child ID Events, and has cleaned up around city properties and he feels he would be a valuable asset to fill the vacancy in Ward I. He stated that it would be a pleasure to fill Alderman John Vershay's seat and work with the constituents of the city.

Alderwoman Gazal asked why Mr. Deserio had never come to a Council meeting. Angelo commented that he has worked thirty-five years in the construction industry and had twelve-to-thirteen-hour days but always watched every meeting that was posted. He also commented that he had open heart surgery and was recovering for six months and followed the meetings on YouTube and follows all the Crest Hill Facebook pages.

Alderwoman Gazal also commented that she does a lot to promote businesses in Crest Hill and she did not care about the negativity Mr. Deserio made during Covid about a restaurant on Facebook. Angelo commented it was not against the business, it was directed at the employees, and it was the only negative comment he had made. He stated he supports every one of Crest Hill's businesses and has never voted down a new business application on the Plan Commission if they had met all the requirements of the Plan Commission. During Covid he supported the businesses, and the attitude of the employees is what he mentioned on Facebook. He stated that he placed an \$80.00 order at a restaurant in Crest Hill and instead of the employee bringing him his carryout order the employee was too busy playing video games and that is what was aggravating. Alderwoman Gazal commented that she was not going to get into it, but she seen the post, and it is what it is.

Alderwoman Gazal commented that she had questions for the mayor. She asked him if he could explain to the Council why Angelo Deserio was his choice out of the three applicants. Mayor Soliman commented that he opened the agenda topic with why Angelo Deserio was the most qualified choice to fill the seat. Mayor Soliman commented that all three (3) applicants were interviewed.

Mayor Soliman asked for an informal vote for the appointment of Angelo Deserio on June 17, 2024, for the Ward I Alderman vacancy.

AYES: Ald. Albert, Kubal.

NAYES: Ald. Jefferson, Gazal, Oberlin, Cipiti.

ABSTAIN: Ald. Dyke.

ABSENT: None.

Alderman Kubal commented that he was very impressed with Angelo's background with the Planning Commission and thanked him for applying. He also commented that he believes Angelo Deserio would fit in with the Council great.

Mayor Soliman commented that by law there is sixty (60) days that he must make an appointment from the date of death, and this is day forty-three (43) and June 17, 2024, will be day fifty (50). He then asked Angelo to attend the June 17, 2024, City Council meeting for an official vote and thanked him for his interest in the City of Crest Hill.

Alderman Cipiti asked Attorney Stiff if the first appointment is turned down would there be an extension for a second appointment. Attorney Stiff commented that the mayor would have another extension of thirty (30) days after the official vote on June 17, 2024, to bring another appointment to the Council.

Alderwoman Gazal commented that this is nothing against Angelo Deserio, but it is about the process of the mayor, and she commented that she knows the feeling since the mayor had voted against her in the past. She also commented that it is not revenge but it is about the way he does not want to share information of who applied. Angelo commented that he has no animosity towards anyone and appreciates the opportunity to stand before the Council today.

Alderman Oberlin commented that she echoes Alderwoman Gazal's sentiments because she also was in the same position and the mayor voted no against her because of the process and that is why she is voting no on the same principles, not personal principles.

TOPIC: Resolution approving an Agreement for Professional Engineering Services for 2024 Sanitary Sewer Cleaning and Televising Bid and Oversight Services (From Rich Projects to Oakland Avenue) by and Between the City of Crest Hill, Will County, Illinois and Robinson Engineering, Ltd. For the amount of \$26,750.00.

City Engineer Ron Wiedeman commented that he would like to have the city back on a standardized televising lining program. Between 2008-2013, the city completed a sewer investigation that included approximately 40% of the sanitary sewer in the city, which was mostly Ward I. The reason for this is that the critical infrastructure is in good condition, which will help the city's overall cost.

Mayor Soliman asked for an informal vote for the approval in the amount of \$26,750.00.

AYES: Ald. Kubal, Albert, Cipiti, Oberlin, Gazal, Jefferson, Dyke.

NAYES: None.

ABSENT: None.

TOPIC: Award the contract to Austin Tyler Construction, Inc. in the amount of \$92,665.00 for the Public Works Facility Rear Yard Re-Grading Improvement.

City Engineer Ron Wiedeman commented that the reason this contract is being done is because there are IEPA potential issues from the salt building that is behind Public Works. As of now, when it rains or snows the salt drains into our storm sewer system which gets into the ditch and that is a violation. This project is to correct that from happening.

Alderman Cipiti asked if this was a problem on the day it was built. Engineer Wiedeman commented that it was not recognized at that time. Engineer Wiedeman commented that he would like to have this fixed before IEPA returns.

Alderman Jefferson asked how long the Public Works building has been there. Engineer Wiedeman commented that he believes it opened in August of 2020 and the salt building went up right after that.

Alderman Cipiti asked if there is any place else the salt building could have been placed on that property. Engineer Wiedeman commented that it could have been placed in a different location or the drainage modified but it is there now.

Alderman Jefferson commented that his concern is more regarding where the salt was draining to and was it draining where if left untreated it could be harmful to the residents. Engineer Wiedeman commented that Public Works was catching as much salt as possible but were still getting violations for going into the creek, which was not an amount that would affect anyone. Alderman Jefferson asked if over the years this has been draining into an area when it gets filtrated again it may go into drinking water. Engineer Wiedeman commented that it is not going into water where we are pumping out of. He also commented that we are getting this corrected by going into our sanitary district where it can be treated and safely released as treated sewage water. This is the same salt that is used to treat the streets during winter months.

Mayor Soliman asked for an informal vote for the contract amount of \$92,665.00.

AYES: Ald. Gazal, Jefferson, Dyke, Kubal, Albert, Cipiti, Oberlin.

NAYES: None.

ABSENT: None.

TOPIC: Resolution approving an Agreement for Weber Road Traffic Signals Improvement (Ryan and McGilvery) by and Between the City of Crest Hill, Will County, Illinois and Christopher B. Burke Engineering, Ltd. for an amount of \$128,000.00.

City Engineer Ron Wiedeman commented that he has received the variance from Will County to move the signals. The next step is the design, and this proposal is for the design which will include moving the existing traffic signals, closing off the center of Weber Road, and include the extension of the roadway lighting past McGilvery.

Mayor Soliman asked for an informal vote for the Weber Road traffic signal improvements in the amount of \$128,000.00.

AYES: Ald. Oberlin, Cipiti, Albert, Kubal, Gazal, Jefferson, Dyke.

NAYES: None.

ABSENT: None.

TOPIC: Self-Storage Facility Borio-SWC of Borio Drive and Renwick Extension.

Interim Community Development Director Ron Mentzer commented that this is a request from A&D Storage which is a self-storage facility that was approved unanimously by the City Council on August 7, 2023. There has been no action on behalf of the applicant and potential developer to submit the final design documents to move the project forward. They have submitted a written request to allow the special use for the project to be extended another year to give them more time to complete the design documents necessary to move the project forward. The Ordinance #1959 that was approved did include a lot of documents to show the type of product and project that would be developed with a handful of conditions.

Interim Director Mentzer commented that from a staff perspective they are not proposing any modifications to what was approved and agreed upon and the staff believes some level of extension would be acceptable. Staff are recommending it be extended for a six (6) month period to complete design documents and get them under construction before the weather turns.

Alderman Cipiti asked if this extension would be a guarantee that the project would be started or completed. Interim Director Mentzer commented that it would give time to allow them to get their final documents reviewed and approved and then pull the permit to start construction before the six (6) month period. Alderman Cipiti asked what if they did not do this in the six (6) month time extension. Interim Director Mentzer commented that the special use approval further extended by the City Council would automatically go away.

The request from A&D Storage is for one year but staff is recommending a six (6) month extension.

Alderwoman Gazal asked why this is on the agenda again; are we moving forward or extending this, so they do not lose what they have so far.

Steve Gulden, a representative for A&D Storage, approached the podium. He stated that they are looking for a one-year extension. One reason the extension is needed is because of the economy and with an extension they are hoping for the economy to calm down and this would not be for any changes just strictly to extend the time. Alderwoman Gazal commented that the extension is to buy more time. Rudy Dixon, a representative, commented that yes, it is basically because they need more time.

Alderwoman Gazal asked with the possible extension is there a possibility that you might sell this again. It was commented that there is that possibility since the economy is so tough now, but they need more time. Alderwoman Gazal thanked them for being honest.

Alderman Oberlin asked why staff is only recommending six (6) months. Interim Director commented that there has been no action on behalf of the property owner to move

the project forward and there has been two separate developers approach the city regarding the property, but the fact of the matter is a special use permit is hanging out there. The six months gives them many opportunities to move the project forward this year. Interim Director Mentzer also commented that he does not foresee the interest rates changing too much anytime soon.

Attorney Stiff commented that the staff is recommending six (6) months with the opportunity to come back in six months and do the same thing again. He also commented that the Council has the authority to extend it if they wish or to not extend it at all.

Alderman Gazal commented that she feels we are not being business friendly if the Council does not extend it to build or to sell.

Alderman Oberlin commented that why would we give six (6) months if they are requesting twelve (12) months. Steve Gulden commented that he thinks six months extension and then coming back in six months for another extension is good since the election will have a lot to do with inflation and the economy.

Alderman Gazal asked if they sell the property in six months and if someone else wants to do the same storage facility will the Council be able to go over all the facts with the new owners? Interim Director Mentzer commented that if the new owners would comply with the detail approval that has already been granted by the City Council they will only have to go through an administrative review process to show that all their design documents meet what was already approved by the City Council. The only reason it will come back is if they make any modifications that change the scope and nature of the project.

Alderman Albert commented that twelve (12) months is fine with him. It is an empty field now and he has presented a plan that the Council has agreed to move forward with.

Alderman Cipiti commented that he is fine with twelve (12) month extension.

Alderman Kubal commented that he is fine with a twelve (12) month extension.

Alderman Dyke commented that he feels we have extended twelve (12) months with others and that would be fine with him.

Mayor Soliman asked for an informal vote for a twelve (12) month extension.

AYES: Ald. Gazal, Jefferson, Dyke, Kubal, Albert, Cipiti, Oberlin.

NAYES: None.

ABSENT: None.

TOPIC: Presentation by Interim Human Resource Director Dave Strahl – Employee Evaluation New Format.

Interim Human Resource Manager Dave Strahl commented that he has put together an overall comprehensive evaluation program with instructions for the evaluators. The core of the program recommended is where you would have regular conversation with the employee every three months and the annual review would be a summary of the quarterly reviews and the employee would have no surprises.

There are three evaluation forms:

Department Director/Management Employee Form: This form is designed to evaluate the performance of employees who supervise the departments and are responsible for managing the department.

Supervisory Employee Form: This form is designed to evaluate the performance of employees that supervise other employees as a front-line supervisor.

Non-Supervisory Employee Form: This form is designed to evaluate the performance of most front-line employees for more task development and task completion.

Alderson Oberlin asked if they will be doing these evaluations within a computer program that records things or when one of these forms are filled out where would they be filed so that they do not come up missing. Interim Manager Strahl commented that this is in an excel format but from a human resource standpoint if the quarterly forms remained in the department that would be fine, but the annual evaluations are critical and would need to be placed in the employee files.

He also commented that he does not have confidence that the management team has had experience in an evaluation program, and to make this program successful management will need to be trained. There will be a burden of additional work but if you do not make the investment in your human capital then you cannot hold them accountable.

Alderson Oberlin commented that she agrees with everything Interim Manager Strahl stated and that there is training needed on this program and people will need to be disciplined in the application of this program. She also commented that the outcome of the program also needs to be secured to have the trail of the documentation to justify anything you do if there are issues you need to reference.

Alderman Cipiti asked if these evaluations would be on paper because he feels it should be electronically kept so no evaluations are laying around. Alderman Cipiti also asked if the quarterly evaluations is more so that the employee and supervisor can discuss things that may need improvement. Interim Manager Strahl commented that the quarterly evaluation is designed primarily to go over goals and objectives, performance issues or an opportunity to cure or discuss within a timeframe so you have the paper pattern to use at the annual evaluation to show how they progressed or not progressed.

Alderson Gazal asked if it is normal to have fifty-five pages for an evaluation. It was stated that there are three different evaluation forms within those fifty-five pages, and the longest evaluation is only seventeen pages.

Alderman Jefferson commented that he is not sure the City of Crest Hill can implement this program because of the current atmosphere that exist. He also commented that he has seen these before and most are done electronically. He also stated that the atmosphere here in the city is when something is new, the employees do not like it and do not want to follow that and that is the problem he feels we will have and implementation from the supervisory employees. Alderman Cipiti also commented that it is an excellent program put together but his main concern is making sure this stays alive after the Interim employee is gone.

Interim Manager Strahl commented that it is not his program, it is the City of Crest Hill's program and if you do not have the mentality to evaluate people and make sure they are meeting those standards then you should not be here. He also stated that he agrees about the mentality that is in the city but that does not mean that mentality cannot change.

Alderwoman Gazal asked if there is a way to add this program into the employee handbook or make a resolution that it must be followed. Interim Manager Strahl commented that the handbook already has a section regarding annual reviews but does not state what the annual reviews are.

Alderwoman Gazal commented that if we change the handbook to add the quarterly evaluations can an employee sign off that they read and acknowledge the new procedure.

City Treasurer Glen Conklin commented that this is a great evaluation tool which will help the employees know where they are at which is important. He also commented that he feels it is simple enough to implement.

Alderman Dyke commented that he knows in the past how long it takes to get an evaluation to the Council and questioned how long it would take for a supervisor to go over this with an employee since at his work their evaluation is only two pages and takes twenty-five minutes and these evaluations are seventeen pages. Interim Manager Strahl commented that when he evaluates employees, he does not set a timeframe on the evaluation since it is the employees time, and he wants to make sure it is thorough and comprehensive as possible. He also commented in the beginning it will take longer but once they are familiar with the program going forward it should not be as long.

Mayor Soliman asked for an informal vote to implement the employee evaluation format.

AYES: Ald. Dyke, Jefferson, Gazal, Oberlin, Cipiti, Albert, Kubal.

NAYES: None.

ABSENT: None.

Attorney Stiff asked if the Council would want to bring back the proposed handbook changes to another work session along with a resolution before we have it at a City Council meeting for a vote. Interim Manager Strahl commented that a number of things in the personal handbook need evaluated and he has started a list and spoke to Interim Administrator Graff, and he would suggest not waiting to implement this program since it is operational and valuable to start. Attorney Stiff asked if they would like to make a resolution instead and incorporate this into the handbook later. Interim Administrator commented that once the Council approves the format, we would just add it into the appendix. Attorney Stiff commented that the current evaluation in the handbook currently mentions a self-evaluation which needs to be phased out and you cannot add documents on there when it does not match up.

Attorney Stiff commented that we can make a resolution that adopts the program as a policy, but we cannot just put it at the end of the handbook without changing the handbook to go along with it.

PUBLIC COMMENT:

There were no Public Comments.

MAYOR UPDATES:

Mayor Soliman commented that he received an email from the city attorney regarding the Grand Prairie Water Commission vote for next week and is putting together the ordinance for the members representing the commission going forward after the formation. The individuals on there now are the mayor, and the alternate who is Alderman Nate Albert, and the Technical Advisory Committee (TAC) is City Engineer Ron Wiedeman, and the alternate is Interim Public Works Director Mike Eulitz.

Mayor Soliman asked if anyone would like to be part of the representation at the Mayor's Meeting in his absence. These meetings are once a month in Shorewood on the first Thursday of each month.

Alderman Gazal asked if Alderman Albert did not want to do it no longer. Alderman Albert commented that he would open it up to see if anyone else would want to do it since it is a time commitment.

Alderman Oberlin commented that she read that the representatives need to change every two years. Attorney Stiff commented that it is a two-year term. Attorney Stiff commented that if the mayor is the delegate and if he does not run for re-election or not get elected you must change before the two-year term is up. Treasurer Conklin commented that Alderman Albert could serve five consecutive two-year terms if he wanted to.

Alderman Albert commented that he certainly can stay on as the alternate but wanted to open it up to anyone who may want to take it over, but he can stay on as the alternate.

Alderman Oberlin commented that if Alderman Albert did not want to continue or if it had to be someone else, she would take the alternate position. Alderman Albert commented that he would continue being the mayor's alternate for another two-year term.

COMMITTEE/LIAISON UPDATES:

There were no committee/liaison updates.

CITY ADMINISTRATOR UPDATES:

Interim Administrator Tony Graff had no updates but commented that an executive session is needed.

Alderman Gazal commented that she keeps asking about the microphones for the chamber and does not understand what is taking so long.

Interim Administrator Graff commented that he has a proposal, and it is set to go on the June 24, 2024, work session to have LVS go over the proposal with everyone.

Mayor Soliman asked for a motion to go into executive session on 5 ILCS 120/2(c)(1).

(#1) Motion by Alderman Oberlin seconded by Alderman Albert, to go into an executive session on 5 ILCS 120/2(c)(1).

On roll call, the vote was:

AYES: Ald. Dyke, Jefferson, Gazal, Oberlin, Cipiti, Albert, Kubal.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

Executive Session 8:24 p.m.

(#2) Motion by Alderperson Oberlin seconded by Alderman Dyke to reconvene from the executive session on 5 ILCS 120/2(c)(1).

On roll call, the vote was:

AYES: Ald. Jefferson, Gazal, Oberlin, Cipiti, Albert, Kubal, Dyke.

NAYES: None.

ABSENT: None.

There being seven (7) affirmative votes, the MOTION CARRIED.

Reconvened at 9:22 p.m.

There being no further business before the Council, and no action needed from the executive session, the meeting is adjourned.

The meeting was adjourned at 9:23 pm.

Approved this _____ day of _____, 2024

As presented _____

As amended _____

CHRISTINE VERSHAY-HALL, CITY CLERK

RAYMOND R. SOLIMAN, MAYOR

ORDINANCE NO. _____

**AN ORDINANCE TO ESTABLISH THE GRAND PRAIRIE WATER COMMISSION,
APPROVE AN INTERGOVERNMENTAL AGREEMENT
AND A WATER SUPPLY AGREEMENT,
APPOINT REPRESENTATIVES TO THE COMMISSION, AND AUTHORIZE
APPROVAL OF BYLAWS AND A PROGRAM MANAGEMENT AGREEMENT,
AND OTHER RELATED MATTERS**

WHEREAS, the City of Crest Hill (the “**City**”) provides potable water service through its water system to its water customers (“**Water Service**”); and

WHEREAS, the provision of Water Service is a matter essential to the public health, safety, and welfare; and

WHEREAS, a safe, reliable, and ample supply of water is essential to providing cost-effective Water Service; and

WHEREAS, the **City**’s Water Service uses groundwater as its supply source; and

WHEREAS, in 2015, the Illinois State Water Survey (“**ISWS**”) issued its report entitled “Changing Groundwater Levels in the Sandstone Aquifers of Northern Illinois and Southern Wisconsin: Impacts on Available Water Supply” (“**2015 Report**”), which outlined the long history of its study of available water supplies in northeastern Illinois and shows that, since 2000, the levels of groundwater supply available in the Cambrian-Ordovician Aquifer (deep sandstone) beneath Will, Kane and Kendall Counties and the surrounding areas have continued to decline; and

WHEREAS, in 2020, the ISWS issued its report entitled “Analysis of Risk to Sandstone Supply in the Southwestern Suburbs: A Report to the Southwest Water Planning Group (SWPG) (Contract Report 2020-04),” dated September, 2020 (“**2020 Report**”), which quantified the sustainable yield of the deep sandstone aquifer in the southwest suburban region as ranging from 2 to 7 million gallons per day, which is insufficient to support the water needs of communities in the region; and

WHEREAS, the existing water usage within Will, Kane, Kendall and Grundy Counties and surrounding areas continues to exceed the available yield from the deep sandstone aquifer and,

when combined with the anticipated growth in many communities in the region, the continuing availability of a sufficient supply of groundwater from reliable water sources has become an increasing regional concern as local governments seek to protect the public health, safety, and welfare; and

WHEREAS, in 2020, the ISWS issued a report entitled “Recent Trends in Chloride and Total Dissolved Solids in Silurian Wells in the Southwest Water Planning Group Region: Indicators of Groundwater Contamination within the Silurian Dolomite Aquifer (Contract Report 2020-03),” dated June 2020 (“**Shallow Well Report**”), which analyzed the levels of chloride and total dissolved solids in the Silurian Dolomite Aquifer (shallow wells) and found increasing concentrations that can negatively affect water quality and require additional treatment for the removal of these contaminants; and

WHEREAS, in 2020, the Illinois Environmental Protection Agency conducted water quality sampling of all public water supplies for emerging contaminants such as per- and polyfluoroalkyl substances (“**PFAS**”) and the results of sampling show that some wells have detectable levels of PFAS in shallow wells at or above levels now regulated by the U.S. Environmental Protection Agency pursuant to its final regulation of PFAS adopted in April 2024; and

WHEREAS, taken together, the 2015 Report, the 2020 Report, the Shallow Well Report and the IEPA's detection of PFAS in shallow wells reveal that long-term water supply needs of communities in the region cannot be reliably and cost-effectively met through the use of groundwater; and

WHEREAS, the **City** has determined that it is in need of adequate, safe, reliable and cost-effective supplies of potable water and has worked with other municipalities in the region, and has determined that it desires to obtain a common source of water supply with one or more of the other municipalities, which source has been determined to be Lake Michigan water; and

WHEREAS, pursuant to Article VII, Section 10 of the Illinois Constitution of 1970 and the Intergovernmental Cooperation Act, 5 ILCS 220, the **City** and the other municipalities have the power to contract or otherwise associate among themselves “to obtain or share services and to

exercise, combine or transfer any power or function, in any manner not prohibited by law or by ordinance” as well as to use their revenues, credit and other resources for such activities; and

WHEREAS, the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, also authorizes the joint use and enjoyment of the powers, privileges, functions and authority of the **City** and the other municipalities; and

WHEREAS, the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.* (“**RWC Act**”), authorizes two or more municipalities, at least one of which is located in whole or in part in the County of Cook, Kane, Kendall, Lake, McHenry or Will and has 140,000 or more inhabitants, to acquire, either by purchase or construction, a waterworks system or a common source of supply of water, or both, and to operate jointly and improve and extend a waterworks system or a common source of supply of water, or both; and

WHEREAS, in February 2022, in order to establish a framework for moving forward with a joint effort to facilitate the joint acquisition and operation of a waterworks system and common source of water supply and establish a regional water commission pursuant to the RWC Act, the **City** and the Village of Channahon, the City of Joliet, the Village of Minooka, the Village of Romeoville and the Village of Shorewood (collectively, the “**Future Members**”), approved a “Preliminary Agreement Regarding Formation of a Regional Water Commission,” (“**Preliminary Agreement**”) in which they agreed on certain key principles and terms for the formation of a new regional water commission; and

WHEREAS, following approval of the Preliminary Agreement, the Future Members have worked together in connection with the development of a joint waterworks system and common source of Lake Michigan water to be governed and operated by a regional water commission through a program managed and facilitated by the City of Joliet (“**Program**”); and

WHEREAS, those Future Members that did not have an allocation permit for the use of Lake Michigan water have now obtained such a permit from the Illinois Department of Natural Resources; and

WHEREAS, the Future Members meet the requirements of Section 11-135.5-15 of the

RWC Act and the City of Joliet's population exceeded 140,000 inhabitants as of December 16, 2021 (the effective date of the RWC Act); and

WHEREAS, the City of Joliet has entered into an agreement with the City of Chicago for a source of supply of Lake Michigan water, which is assignable by the City of Joliet to the Commission after the Commission's formation; and

WHEREAS, the Future Members have negotiated and agreed upon a full set of principles, terms and conditions for establishing a regional water commission, to be named the Grand Prairie Water Commission, which are contained in an "Intergovernmental Agreement to Establish the Grand Prairie Water Commission" (***IGA***) between and among the Future Members; and

WHEREAS, the Future Members have negotiated and agreed upon the principles, terms and conditions for obtaining a supply of water from the Grand Prairie Water Commission, which are contained in the "Grand Prairie Water Commission Water Supply Agreement" between and among the Future Members and the Grand Prairie Water Commission; and

WHEREAS, the Future Members have negotiated and agreed upon certain principles, terms and conditions for the governance of the Grand Prairie Water Commission in the "Bylaws of the Grand Prairie Water Commission"; and

WHEREAS, the Future Members have determined that the City of Joliet has the necessary resources and skills to assist the Commission in administering the Program and have agreed that the City of Joliet will implement the Program with the cooperation and support of the Grand Prairie Water Commission pursuant to the negotiated principles, terms and conditions in the "Intergovernmental Agreement for Program Management" by and between the City of Joliet and the Commission; and

WHEREAS, the ***City Council*** of the ***City*** has determined that it is in the best interest of the ***City*** and its residents to (1) approve this ordinance electing to establish a regional water commission to be called the Grand Prairie Water Commission for the purpose of acquiring and operating jointly with the Future Members a waterworks system and common source of supply of Lake Michigan water and (2) approve and enter into the Intergovernmental Agreement to Establish the

Grand Prairie Water Commission and to approve and enter into the Grand Prairie Water Commission Water Supply Agreement; and

WHEREAS, Article V of the IGA requires the **City** to appoint and designate its Commissioner and Alternate Commissioner to serve on the Board of Commissioners and its Delegate and Alternate Delegate to serve on the Technical Advisory Committee of the Grand Prairie Water Commission, and it is appropriate and in the best interests of the **City** to approve and designate those individuals in this ordinance in order to facilitate the participation of the **City** in the Grand Prairie Water Commission at the earliest opportunity; and

WHEREAS, integral to the decision of the **City** to become a Member of the Grand Prairie Water Commission are the provisions, terms and conditions of the Bylaws and Program Management Agreement presented to the **City Council** with this ordinance, and the **City Council** intends that the Grand Prairie Water Commission shall adopt the Bylaws of the Grand Prairie Water Commission and approve and enter into the Intergovernmental Agreement for Program Management with the City of Joliet at the first meeting after establishment of the Grand Prairie Water Commission; and

WHEREAS, Section 4.8 of the Grand Prairie Water Commission Water Supply Agreement requires that each Member shall provide to the Grand Prairie Water Commission the approximate locations for its primary, non-primary and proposed future Water Delivery Structures in writing immediately following execution of the Grand Prairie Water Commission Water Supply Agreement and the **City Council** intends to provide this information to the Grand Prairie Water Commission;

NOW, THEREFORE, BE IT ORDAINED BY THE City Council of the City of Crest Hill, COUNTY OF WILL, STATE OF ILLINOIS, pursuant to its Constitutional and statutory powers **as follows:**

SECTION 1: RECITALS. The foregoing recitals are true, correct and complete and incorporated in and made a part of this ordinance as findings of the **City Council** of the **City** by this reference.

SECTION 2: DETERMINATION TO ESTABLISH REGIONAL WATER COMMISSION AND APPROVAL OF INTERGOVERNMENTAL AGREEMENT. The **City** determines and elects to establish a regional water commission pursuant to the RWC Act to be called the Grand Prairie

Water Commission for the purpose of acquiring and operating jointly with the Future Members a waterworks system and common source of supply of water, and approves the “Intergovernmental Agreement to Establish the Grand Prairie Water Commission” between and among the Future Members in form and substance conforming to the Agreement attached to this ordinance as Exhibit 1.

SECTION 3: APPROVAL OF WATER SUPPLY AGREEMENT. The “Grand Prairie Water Commission Water Supply Agreement” between and among the Grand Prairie Water Commission and the Future Members is hereby approved in form and substance conforming to the Agreement attached to this ordinance as Exhibit 2.

SECTION 4: APPROVAL OF BYLAWS AND PROGRAM MANAGEMENT AGREEMENT. The ***City Council*** hereby authorizes and directs the ***City’s*** Commissioner and Alternate Commissioner to vote to approve the “Bylaws of the Grand Prairie Water Commission” and the “Intergovernmental Agreement for Program Management” between the Grand Prairie Water Commission and the City of Joliet in form and substance conforming to the Bylaws and Agreement attached to this ordinance as Exhibits 3 and 4, respectively.

SECTION 5: EXECUTION OF AGREEMENTS. The ***Mayor*** and the ***City Clerk*** are hereby authorized and directed to sign and seal the Intergovernmental Agreement to Establish the Grand Prairie Water Commission and Grand Prairie Water Commission Water Supply Agreement in form and substance conforming to Exhibits 1 and 2 attached to this ordinance.

SECTION 6: APPOINTMENT AND DESIGNATION OF COMMISSIONERS AND DELEGATES. The appointments of the following designated persons as the ***[Village][City]’s*** representatives to the Commission pursuant to Article V of the Intergovernmental Agreement to Establish the Grand Prairie Water Commission are approved as follows:

- A. To the Board of Commissioners, from among the ***Mayor*** and the ***City Council***:
 Commissioner: Raymond Soliman-Mayor
 Alternate Commissioner: Nate Albert-Councilman
- B. To the Technical Advisory Committee from among the ***City*** employees:
 Delegate: Ron Wiedeman-City Engineer

Alternate Delegate: Mike Eulitz-Interim Public Works Director

SECTION 7: DELIVERY OF ORDINANCE AND COUNTERPARTS. The **City Clerk** is hereby authorized and directed to return (A) a certified copy of this ordinance, including unsigned copies of the Exhibits, and (B) a signed copy of each of the Intergovernmental Agreement to Establish the Grand Prairie Water Commission and the Grand Prairie Water Commission Water Supply Agreement and counterpart signatures, to the Secretary of the Grand Prairie Water Commission (in care of Barbara Adams at Donahue & Rose, P.C.) as provided in Section 11.1 of the Intergovernmental Agreement to Establish the Grand Prairie Water Commission promptly after the date of adoption of this ordinance.

SECTION 8: WATER DELIVERY STRUCTURES. The **City Clerk** is hereby authorized and directed to provide to the Grand Prairie Water Commission (in care of the Program Director) the **City's** approximate locations for the primary, non-primary and proposed future Water Delivery Structures in writing immediately following execution of the Grand Prairie Water Commission Water Supply Agreement, as required by Section 4.8 of the Grand Prairie Water Commission Water Supply Agreement.

SECTION 9: SEVERABILITY. The provisions of this Ordinance shall be severable, and the invalidity of any portion shall not invalidate the remainder; provided, however, that if Section 2 and the Intergovernmental Agreement to Establish the Grand Prairie Water Commission approved in Section 2 are held to be invalid, the remainder of this Ordinance shall be invalid.

SECTION 10: EFFECTIVE DATE. This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form in the manner required by law.

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PASSED THIS 17TH DAY OF JUNE, 2024.

	Aye	Nay	Absent	Abstain
Alderman Scott Dyke	_____	_____	_____	_____
Alderwoman Claudia Gazal	_____	_____	_____	_____
Alderman Darrell Jefferson	_____	_____	_____	_____
Alderpersion Tina Oberlin	_____	_____	_____	_____
Alderman Mark Cipiti	_____	_____	_____	_____
Alderman Nate Albert	_____	_____	_____	_____
Alderman Joe Kubal	_____	_____	_____	_____
Mayor Raymond R. Soliman	_____	_____	_____	_____

Christine Vershay-Hall, City Clerk

APPROVED THIS 17TH DAY OF JUNE, 2024.

Raymond R. Soliman, Mayor

ATTEST:

Christine Vershay-Hall, City Clerk

EXHIBIT 1

**INTERGOVERNMENTAL AGREEMENT TO ESTABLISH
THE GRAND PRAIRIE WATER COMMISSION**

[to be attached here]

EXHIBIT 2

GRAND PRAIRIE WATER COMMISSION
WATER SUPPLY AGREEMENT

[to be attached here, including Exhibits A, B, C, D, E]

EXHIBIT 3

BYLAWS OF THE GRAND PRAIRIE WATER COMMISSION

[to be attached here]

EXHIBIT 4

INTERGOVERNMENTAL AGREEMENT FOR PROGRAM MANAGEMENT

[to be attached here, including Exhibit A]

**INTERGOVERNMENTAL AGREEMENT TO ESTABLISH THE
GRAND PRAIRIE WATER COMMISSION**

This Agreement ("**Agreement**") is made as of _____, 2024, by and among the VILLAGE OF CHANNAHON, an Illinois home rule municipal corporation, the CITY OF CREST HILL, an Illinois municipal corporation, the CITY OF JOLIET, an Illinois home rule municipal corporation, the VILLAGE OF MINOOKA, an Illinois municipal corporation, the VILLAGE OF ROMEOVILLE, an Illinois home rule municipal corporation, and the VILLAGE OF SHOREWOOD, an Illinois home rule municipal corporation (each a "**Party**" and collectively, "**Parties**").

In consideration of the recitals and the mutual covenants and agreements set forth in this Agreement, the Parties agree as follows:

**ARTICLE I
RECITALS¹**

1.1 Article VII, Section 10 of the 1970 Constitution of the State of Illinois authorizes units of local government to contract or otherwise associate among themselves and with certain other governments "to obtain or share services and to exercise, combine or transfer any power or function, in any manner not prohibited by law or by ordinance" as well as to use their revenues, credit and other resources for such activities.

1.2 The Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, ("**IC Act**") also authorizes the joint use and enjoyment of the powers, privileges, functions and authority of such governments.

1.3 The Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.* ("**RWC Act**"), authorizes two or more municipalities, at least one of which is located in whole or in part in the County of Cook, Kane, Kendall, Lake, McHenry or Will and has 140,000 or more inhabitants, to acquire, either by purchase or construction, a waterworks system or a common source of supply

¹All defined terms initially appear in bold and italics and thereafter as capitalized words and phrases throughout this Agreement. They shall have the meanings set forth in the preamble, in Articles I and II, and elsewhere in this Agreement.

of water, or both, and to operate jointly and improve and extend a waterworks system or a common source of supply of water.

1.4 The Parties have authority to enter into this intergovernmental agreement pursuant to the RWC Act, the IC Act, Article VII, Section 10 of the 1970 Constitution of the State of Illinois, and other applicable law.

1.5 The Parties are all municipal corporations located in the State of Illinois. The City of Joliet is located in part in the Counties of Kendall and Will, Illinois, and the population of the City of Joliet exceeded 140,000 as of the effective date of the RWC Act.

1.6 Extensive study by the Illinois State Water Survey ("**ISWS**") of the available yield of groundwater from the Cambrian-Ordovician (deep sandstone) aquifer and the declining quality of groundwater from the shallow wells within the Silurian Dolomite aquifer reveal that long-term water supply needs of communities in the region cannot be reliably and cost-effectively met through the use of groundwater.

1.7 The Parties to this Agreement have determined that they are in need of adequate, safe, reliable and cost-effective supplies of potable water and each has determined that it desires to obtain a common source of water supply, which has been determined to be Lake Michigan water.

1.8 The Parties each own and operate a waterworks system and have each received a permit for an allocation of Lake Michigan water from the State of Illinois Department of Natural Resources ("**IDNR**").

1.9 The Parties have determined that it is necessary and in their best interests to establish a regional water commission ("**Commission**") pursuant to the requirements of the RWC Act, in order to provide adequate supplies of water on an economical and cost-effective basis for the Members individually, including without limitation to provide a joint waterworks system and common source of water supply for use as provided in this Agreement.

ARTICLE II

DEFINITIONS

Whenever used in this Agreement, the following terms shall have the following meanings unless a different meaning is required by the context:

2.1 “Additional Member” or “Additional Members” means any municipality other than a Charter Member that becomes a member of the Commission pursuant to this Agreement and in accordance with the RWC Act. A Charter Member that withdraws from the Commission pursuant to this Agreement may, however, become a member of the Commission again in the manner provided for Additional Members.

2.2 “Advanced Construction Costs” means costs advanced and incurred by Joliet in connection with the Program and will include, without limitation, costs related to or paid pursuant to any contracts for pre-construction and/or construction services for the Program entered into by Joliet with approval of the Board of Commissioners from time to time, including that certain Contract for the Construction of Chicago Connection Facilities Between the City of Joliet and Walsh Construction Company II, LLC dated November 29, 2023, which was entered into by Joliet pursuant to approval of the Members as provided in Section 3.12 of the Preliminary Agreement, and which may be assigned to the Commission pursuant to Section 6.5. The Advanced Construction Costs do not include debt service on such costs paid by Joliet.

2.3 “Advanced Development Costs” means costs advanced and incurred by Joliet for the Program, formation of the Commission and the initial Commission System expended for the period beginning in February 2021 through the completion of the Program, and will include, without limitation, costs (without mark-up) for engineering, land acquisition, permitting, legal, and financial advisors costs incurred. These development costs will not include any costs incurred: (i) prior to February 1, 2021; (ii) for Joliet’s study of alternative water sources; (iii) for Joliet’s costs incurred in connection with obtaining its Water Allocation from the IDNR; and (iv) for Joliet’s costs

with respect to issues unique to its Municipal System. The Advanced Development Costs do not include debt service on such costs paid by Joliet.

2.4 “Agreement” or “IGA” means this Agreement.

2.5 “Alternate Commissioner” means an individual described in Section 5.5 who is appointed by a Member to serve as an alternate to the Commissioner for that Member.

2.6 “Alternate Delegate” means an individual described in Section 5.10 who is appointed by a Member to serve as an alternate to the Delegate for that Member on the Technical Advisory Committee, duly appointed as such pursuant to the Bylaws.

2.7 “Board of Commissioners” means the governing body of the Commission, as required by Section 5.2.

2.8 “Bonds” means any instrument providing for the payment of money authorized or issued by or on behalf of the Commission or a Member, or which the Commission or a Member has assumed or agreed to pay, including, without limitation of the foregoing, bonds, notes, contracts, leases, certificates and other evidences of indebtedness.

2.9 “Bylaws” means the bylaws of the Commission as adopted and as amended from time to time by the Board of Commissioners.

2.10 “Capital Costs” means costs incurred in the development and performance of the Program, the establishment of the Commission, and the planning, developing, designing, constructing and acquiring of the Commission System (or any future extensions, expansions or improvements to the Commission System).

2.11 “Charter Member” or “Charter Members” means the municipalities listed on page 1 of this Agreement that approved and executed this Agreement and the required ordinance to establish the Commission on or before June 30, 2024 and remain Members of the Commission.

2.12 “Commission” or “Water Commission” means the Grand Prairie Water Commission established by this Agreement.

2.13 “Commissioner” means an individual appointed to the Commission by a Member as described in Section 5.3 and the RWC Act.

2.14 “Commission Costs” means those costs described in Section 7.1.

2.15 “Commission System” means the waterworks and water supply system of the Commission to bring Lake Michigan water to the Members, as it may be modified from time to time.

2.16 “Costs of Financing” means and includes, without limitation, costs of issuance of any financing by the Commission, Debt Service reserve, coverage, capital and operating reserves, credit enhancements, and capitalized interest.

2.17 “Customer” means any purchaser of water from the Commission that is not a Member of the Commission.

2.18 “Debt Service” means principal, interest and premium, if any, required for the payment of any financing by the Commission, including without limitation all Bonds of the Commission.

2.19 “Declared Maximum Day Demand” means the amount of Lake Michigan water that a Member of the Water Commission determines to be necessary to provide the Full Water Requirements of the Member’s customers at various points in time and which will be established for each Member in the Water Supply Agreement and may be amended from time to time as provided in the Water Supply Agreement.

2.20 “Declared 2050 Maximum Day Demand” means the amount of Lake Michigan water that a Member determines to be necessary for it to provide the Full Water Requirements to the Member’s customers in the year 2050.

2.21 “Delegate” means a representative of a Member on the Technical Advisory Committee, duly appointed as such pursuant to the Bylaws.

2.22 “Effective Date” means June 28, 2024 provided that all of the municipalities listed on page 1 of this Agreement have approved the required ordinance approving this Agreement by that date; if all such municipalities do not take such action by that date, the effective date shall be July 1, 2024.

2.23 “Estimated Buildout Declared Maximum Day Demand” means the amount of Lake Michigan water that a Member determines is the estimated amount to be necessary to meet the Member’s Full Water Requirements when the Member is at full community build-out.

2.24 “Full Water Requirements” means, with respect to a Member, the amount of water necessary from time to time to meet the potable water requirements of all then-current customers served by the water system of the Member (including public use, where applicable), whether within or outside the corporate limits of such Member.

2.25 “IC Act” means the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, as amended from time to time.

2.26 “IDNR” means the Illinois Department of Natural Resources or the successor to its responsibilities for allocation of Lake Michigan water.

2.27 “IGA” means this Agreement.

2.28 “ISWS” means the Illinois State Water Survey.

2.29 “Joliet” means the City of Joliet, Illinois.

2.30 “Member” or “Members” means all municipalities that are Charter Members or that become Additional Members of the Commission pursuant to this Agreement. The term “Members” does not include municipalities that have withdrawn from the Commission pursuant to this Agreement. Member or Members does not include Customers.

2.31 “MGD” means million gallons per day.

2.32 “Municipal System” means the waterworks or combined waterworks and sewage system of a Member.

2.33 “Omnibus Bond Acts” means the Illinois statutes described in Section 8 of the Statute on Statutes, 5 ILCS 70/8.

2.34 “Party” means each of the municipalities that have approved this Agreement and **“Parties”** means more than one of the municipalities that have approved this Agreement.

2.35 “Preliminary Agreement” means that certain Preliminary Agreement Regarding Formation of a Regional Water Commission dated February 22, 2022 by and among the Village of Channahon, the City of Crest Hill, the City of Joliet, the Village of Minooka, the Village of Romeoville, and the Village of Shorewood, as amended.

2.36 “Proceeding” shall have the meaning provided in Section 11.6.

2.37 “Program” means all activities necessary for design, acquisition, construction, start-up and commissioning of the initial Commission System, and also includes certain items necessary for the delivery of Lake Michigan water which will be designed and constructed by the Commission and for which the cost of construction will be paid by the City of Chicago and which will be owned by the City of Chicago pursuant to the water supply agreement with the City of Chicago.

2.38 “Program Management Agreement” means the “Intergovernmental Agreement for Program Management,” dated _____ 2024 as it may be amended from time to time, between the Commission and the City of Joliet for the management of the Program.

2.39 “Retail” means, in connection with the sales of water, the sale of water to a person or entity that will be the final user or consumer of the water.

2.40 “RWC Act” means the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.*, as amended from time to time.

2.41 “Secretary” means the Secretary of the Commission, as provided in Section 5.8.

2.42 “Targeted Water Delivery Date” means May 1, 2030 unless otherwise approved by a unanimous vote of the Board of Commissioners.

2.43 “Water Allocation” means a Lake Michigan water allocation permit issued by IDNR.

2.44 “Water Commission Formation Fund” means the fund established pursuant to Section 3.10 of the Preliminary Agreement.

2.45 “Water Delivery Structure” means the improvements at which water delivered by the Commission System to a Municipal System will be received by the Member and the delivered quantity will be measured by the Devices. The Water Delivery Structure includes, without limitation, structures, equipment, control valves, Devices, and piping and appurtenances necessary for delivery, receipt and measurement of Water. For the purposes of this definition, Devices means the meter used to measure the quantity of Water delivered, as described more fully in the Water Supply Agreement.

2.46 “Water Supply Agreement” or “WSA” means the water supply agreement between the Commission and its Members, except where otherwise expressly provided.

2.47 “Wholesale” means, in connection with the sales of water, the sale of water to an entity that will re-sell the water to others.

ARTICLE III **COMMISSION ESTABLISHMENT**

3.1 Establishment. This Agreement establishes the Commission as a regional water commission. The Commission shall be a regional water commission and a municipal corporation and a public body politic and corporate. Promptly upon entering into this Agreement, a copy shall be filed in the office of the Secretary of State of the State of Illinois.

3.2 Corporate Name. The corporate name of the Commission established by this Agreement is the “Grand Prairie Water Commission”.

3.3 Purpose. The Commission is established to acquire, either by purchase or construction, a waterworks system or a common source of supply of water, or both and operate

jointly a waterworks system or a common source of supply of water, or both, and improve and extend the same for the purpose of providing a reliable and adequate supply of quality water to the Members. In furtherance of these objectives, the Commission and its Members may also provide water for other persons, corporations, political subdivisions, municipal corporations, or other governmental or non-governmental entities, all as provided in this Agreement and the Water Supply Agreement.

3.4 Duration. The Commission shall continue to exist unless dissolved and terminated as provided in Article IX of this Agreement.

ARTICLE IV **MEMBERSHIP**

4.1 Membership. The Members of the Commission shall be the Charter Members and Additional Members. Members do not include Charter Members or Additional Members that have and remain withdrawn from the Commission in accordance with this Agreement.

4.2 Additional Members.

A. General. Any municipality that is not a Charter Member of the Commission, and any Charter Member that withdraws from the Commission as provided in this Agreement, and that meets the requirements of the RWC Act, may join the Commission as an Additional Member.

B. Procedure. Additional Members may join the Commission upon satisfaction of all of the following conditions:

1. The corporate authorities of the joining municipality must adopt an ordinance stating its decision to become a Member.
2. The Board of Commissioners must consent to the joining municipality becoming a Member by adoption of an ordinance passed by unanimous vote.
3. The corporate authorities of all existing Members must adopt an ordinance consenting to the joining municipality becoming a Member.

4. A certified copy of the ordinances adopted in accordance with this Subsection 4.2.B must be filed with the Secretary of the Commission.

C. Conditions. The Board of Commissioners may establish conditions, consents and approvals with respect to a municipality becoming an Additional Member. These conditions may include, without limitation, demonstrated financial ability, the making of a capital contribution to the Commission, the assumption of all or a portion of contracts, debts and obligations of the Commission, the provision for and extension of any facilities required to deliver water from the Commission System to an agreed-upon connection point as well as for the necessary storage of water, and entering into this Agreement, a water supply agreement and such other agreements as may be required by the Board of Commissioners.

D. Certification. Promptly upon the addition of an Additional Member, that fact shall be certified by the Secretary of the Commission to the Secretary of State of the State of Illinois.

4.3 Declared Maximum Day Demand. The Declared Maximum Day Demand of the Members of the Commission shall be included in the Water Supply Agreement. As of the Effective Date of this IGA, each Charter Member must include (A) its Declared 2050 Maximum Day Demand and (B) its Estimated Buildout Declared Maximum Day Demand, both of which may be modified pursuant to the process established in the Water Supply Agreement. Additional Members shall include the amount of its Declared Maximum Day Demand for the times required by the Commission at the time of membership. All Members shall provide updated amounts for their respective Declared Maximum Day Demand when and as required by the Water Supply Agreement.

ARTICLE V

GOVERNANCE AND ADMINISTRATION

5.1 Governance. The Commission shall be governed and administered as provided in this Article V and the Bylaws.

5.2 Board of Commissioners. The governing body of the Commission shall be the Board of Commissioners and shall consist of a Commissioner from each Member as set forth in this Article V. The Board of Commissioners shall determine the general policy of the Commission, approve the annual budget, make all appropriations (which may include appropriations made at any time in addition to those made in any annual appropriation document), approve all contracts for the purchase or sale of water, adopt any ordinances or resolutions providing for the issuance of Bonds by the Commission, adopt Bylaws, rules and regulations, and exercise such powers of the Commission and perform such duties as may be prescribed in this Agreement, the Water Supply Agreement, the Bylaws, or the RWC Act.

5.3 Commissioners.

A. Each Member shall appoint one Commissioner to the Board of Commissioners in the manner provided in Section 5.6.

B. A Commissioner must be the mayor or president or another elected member of the corporate authorities of the Member from which the appointment is made.

C. Each Commissioner will have one vote on actions taken by the Board of Commissioners.

D. No Commissioner shall receive any compensation for serving as a Commissioner.

5.4 Terms. The terms of the first Commissioners shall begin when they are appointed and shall run until June 30, 2027. Thereafter, all Commissioners shall be appointed for two-year terms expiring on June 30 of odd-numbered years. Persons serving as Commissioners shall serve until their terms expire and thereafter until their respective successors are appointed and qualified, so long as they remain qualified to serve.

5.5 Alternate Commissioners.

A. Each Member is authorized to appoint an Alternate Commissioner.

B. An Alternate Commissioner may attend any meeting of the Board of Commissioners and may vote as the Commissioner in the absence of the Commissioner from that Member or if there is a vacancy in the position of Commissioner from that Member.

C. An Alternate Commissioner shall have the same qualifications as required for a Commissioner, as set forth in Section 5.3.B.

D. The term of an Alternate Commissioner shall not exceed the term of the Commissioner from the appointing Member. Persons serving as Alternate Commissioners shall serve until their term expires and thereafter until their respective successors are appointed and qualified, so long as they remain qualified to serve.

5.6 Appointments. All Commissioners and Alternate Commissioners must be appointed by the mayor or president, with the approval of the corporate authorities, of the appointing Member. A certified copy of the ordinance or resolution making such appointments must be filed with the Secretary of the Commission upon adoption of the ordinance or resolution.

5.7 Vacancies.

A. If any Commissioner or Alternate Commissioner ceases to be an elected member of the corporate authorities of the appointing Member, that person is no longer qualified to serve and immediately ceases to be a Commissioner or Alternate Commissioner and the Commissioner's or Alternate Commissioner's position becomes vacant.

B. Any vacancy in the office of Commissioner or Alternate Commissioner for any reason shall be filled by appointment by the Member for which the vacancy exists.

5.8 Chair, Vice-Chair, Secretary and Treasurer. The Board of Commissioners shall elect one Commissioner to serve as Chair, one Commissioner to serve as Vice-Chair, one Commissioner to serve as Secretary, and one Commissioner to serve as Treasurer. The Chair will preside at all meetings of the Board of Commissioners. The Vice-Chair shall preside over meetings of the Board of Commissioners in the Chair's absence and perform such duties as may

be assigned by the Chair. The Secretary shall be the keeper of the books and records of the Commission. The Treasurer shall have charge and custody of and be responsible for all funds and securities of the Commission (other than funds and securities held by a corporate trustee or paying agent with respect to Bonds of the Commission).

5.9 Officers Generally.

A. The duties, the terms of office, and the manner of selection of the officers of the Commission shall be prescribed in further detail in the Bylaws.

B. The Board of Commissioners may select persons, who need not be a Commissioner, to serve as deputies to the Secretary and the Treasurer from time to time as necessary to perform the duties of those offices

C. The Board of Commissioners may prescribe the duties, the terms of office, and the manner of selection of additional officers of the Commission in the Bylaws.

5.10 Technical Advisory Committee.

A. There is established a Technical Advisory Committee of the Commission. The Technical Advisory Committee shall consist of a municipal employee from each Member, as designated by the Member by ordinance or resolution. Each Member shall appoint one Delegate to serve on the Technical Advisory Committee. Each Delegate on the Technical Advisory Committee shall be entitled to one vote. The Bylaws may provide for the appointment by each Member of another municipal employee of the Member to serve as an Alternate Delegate to the Technical Advisory Committee to serve from time to time in the absence of the Delegate of the Member.

B. The Technical Advisory Committee will be established to advise the Board of Commissioners and to perform such functions as authorized in the Bylaws in connection with the daily operation of the Commission, subject to the general policy decisions made by the Board of Commissioners from time to time.

5.11 Other Committees. The Board of Commissioners may establish other committees from time to time, consisting of either Commissioners or persons who are municipal employees from each Member, in order to support the efficient administration and operation of the Commission.

5.12 Bylaws, Rules and Regulations.

A. The Board of Commissioners shall adopt Bylaws for the Commission which shall, among other matters, set forth provisions for the holding, notice, call and conduct of meetings of the Board of Commissioners and the Technical Advisory Committee, the adoption of annual budgets and appropriations, and the entering into of contracts and purchases by the Commission. The Bylaws shall be adopted and approved only by ordinance or resolution approved by unanimous vote of the Board of Commissioners and may be amended only upon the affirmative vote of two-thirds (2/3) of all Commissioners on the Board of Commissioners, provided, however, that adoption or amendment of a provision pertaining to (i) a vote requirement of more than two-thirds (2/3) of all Commissioners on the Board of Commissioners shall require an approving vote at least equal to or greater than that higher vote requirement in order to be approved, and, if applicable, (ii) a requirement for approval by the corporate authorities of each of the Members shall require approval by the corporate authorities of all of the Members in order to be approved. The Bylaws may provide additional requirements and procedures with respect to amendment of the Bylaws.

B. The Board of Commissioners may adopt such other rules and regulations as necessary or desirable from time to time.

ARTICLE VI
POWERS AND AUTHORITY

6.1 Powers. The Commission will have the following powers, in addition to any powers set forth elsewhere in the Agreement or provided by law:

A. To develop, acquire, improve, extend, finance (including the issuance of Bonds as provided in the RWC Act and the Omnibus Bond Acts), operate, maintain and contract for a joint waterworks or source of water supply or both, or any combination thereof, which may include, or may consist of, without limitation, facilities (including land and interests in land) for receiving, treating, storing and transmitting water from Lake Michigan for supplying water to the Members and their water users, and Customers of the Commission;

B. To sue or be sued;

C. To apply for and accept any grant, subsidy or contribution from the United States, the State of Illinois, a unit of local government, any other governmental entity, or any combination thereof;

D. To (i) acquire (including by exercise of the right of eminent domain), hold, sell, lease as lessor or lessee, transfer or, subject to the terms of this Agreement, the Bylaws or an ordinance or resolution of the Board, dispose of real or personal property, or interest therein, or (ii) acquire by gift, legacy or grant any real estate or personal property, or rights therein, and to provide for the use of any such property for its lawful purposes, whether the land or personal property is located within or outside the boundaries of the Members;

E. To invest available funds;

F. To buy water and to enter into contracts with, or accept an assignment of a contract from, any person, corporation or unit of local government or political subdivision (including any Member) for that purpose, in accordance with the RWC Act;

G. To sell or provide water to Members and to enter into contracts for such sale or provision of water at rates, fees and charges and terms and conditions as determined by the Board of Commissioners, in accordance with the RWC Act;

H. To sell water not required for use by Members to a Customer of the Commission on a Wholesale basis or a Retail basis, other than for purposes of emergency interconnection and

emergency water supply, at rates, fees and charges and terms and conditions as determined by the Board of Commissioners and to enter into contracts for that purpose;

I. To sell water not required for use by Members to a Customer of the Commission on a Wholesale basis or a Retail basis for purposes of emergency interconnection and emergency water supply, at rates, fees and charges and terms and conditions as determined by the Board of Commissioners and to enter into contracts for that purpose;

J. To adopt and enforce rules and regulations for water use by Members or other purchasers of water from the Commission as may be necessary or advantageous to ensure adequate supplies of water, to enhance economic efficiency in the acquisition of a source of water supply, and to comply with applicable laws and regulations;

K. To declare a water emergency and to implement an emergency water usage plan;

L. To establish rates, fees and charges for the sale of water by the Commission or for the use of the Commission System;

M. To borrow money and, in evidence of its obligation to repay the borrowing, issue its Bonds, all as provided in the RWC Act and the Omnibus Bond Acts, and, for the purpose of securing and paying any of its Bonds, to pledge, assign or provide for a lien or security interest on (i) any or all revenues derived from the operation of the Commission System, including from contracts for the sale of water, and investment earnings thereon; (ii) any lawful source of funds; (iii) proceeds of any particular of its Bonds and investment earnings thereon; and (iv) any funds or accounts securing payments of the Bonds as established by the Bond ordinance or resolution, all as and to the extent as provided in the RWC Act and the Omnibus Bond Acts and the ordinance or resolution authorizing the issuance of the Bonds;

N. To accept assignment of debt instruments and payment obligations where a Member has incurred development, construction or operating costs and advanced funds or otherwise obligated itself for such costs;

O. To make and execute all contracts and other instruments necessary or convenient to the exercise of its powers or for the accomplishment of the purposes of the Commission, and to accept the assignment of any such contracts and other instruments;

P. To employ agents and employees and to retain attorneys, engineers and such other consultants as the Board of Commissioners shall determine;

Q. To exercise any or all powers specifically granted to regional water commissions by the RWC Act; and

R. To exercise all other powers incident to the purposes and objectives of the Commission and the powers listed above.

6.2 Disposal of Property.

A. If the Commission determines that real estate or tangible personal property owned by it is no longer necessary, appropriate, required for the use of, profitable to, or for the best interest of the Commission, the Commission may, by resolution approved by a concurrence of two-thirds (2/3) of all Commissioners on the Board of Commissioners, lease such surplus real estate for a period not to exceed 99 years or sell or otherwise dispose of such surplus real estate or tangible personal property in accordance with procedures established by resolution of the Commission.

B. The Commission may not sell or dispose of real estate or tangible personal property if such sale or disposal (i) would deprive any Member of full, continued service by or through the Commission, unless the corporate authorities of that Member consent by ordinance or (ii) would be inconsistent with the requirements of any outstanding Bonds or agreements of the Commission.

C. Any proceeds of sale or disposition of property pursuant to this Section 6.2 may only be (i) used in furtherance of the purposes of the Commission, or (ii) returned to the Members in their respective proportionate shares based on Declared Maximum Day Demand.

6.3 Water Commission Formation Fund. The Parties agree that any balance of the Water Commission Formation Fund established pursuant to the Preliminary Agreement shall be transferred to the Commission upon request made by the Commission to the custodian of the fund following approval of this Agreement by the Parties. Funds from the Water Commission Formation Fund shall be used to pay additional administrative costs incurred during the period of Water Commission formation and to pay Commission administration costs as defined in the Water Supply Agreement or other Commission costs approved by the Board of Commissioners. Until the balance of the Water Commission Formation Fund is transferred to the Commission, the custodian is authorized to make payments from the Water Commission Formation Fund for Commission expenses that are approved by the Board of Commissioners.

6.4 Source of Water Supply. The Parties agree that the Commission shall, promptly following establishment of the Commission, accept the assignment from the City of Joliet of that certain Water Supply Agreement Between the City of Chicago and the City of Joliet dated May 1, 2023, which will provide the source of water supply for the Commission.

6.5 Construction Contracts. The Parties agree that the Commission shall, promptly following establishment of the Commission and upon recommendation by the City of Joliet, either accept the assignment from the City of Joliet of all or a portion of that certain Contract for the Construction of Chicago Connection Facilities Between the City of Joliet and Walsh Construction Company II, LLC dated November 29, 2023, which was entered into by Joliet pursuant to approval of the Members as provided in Section 3.12 of the Preliminary Agreement, which assignment will be for work pertaining to the performance of construction services by the contractor, or enter into a contract for construction of the Chicago Connection Facilities with Walsh Construction Company II, LLC or another contractor.

ARTICLE VII
REVENUE AND COSTS

7.1 Commission Costs; Member Payments. Each Member shall pay its share of the costs of the Commission as described in this Article.

A. In General. The Board of Commissioners shall determine the costs, rates and charges, and establish appropriate reserve policies as necessary, to be paid by each Member as provided in this Agreement, the Water Supply Agreement and the Bylaws.

B. Water Supply. Costs for water supply provided by the Commission shall be based on a unit cost for the volume of water delivered as provided in the Water Supply Agreement.

C. Operation and Maintenance Costs. Costs for operation and maintenance of the Commission System shall be based on a unit cost for the volume of water delivered as provided in the Water Supply Agreement.

D. Reserve Costs. Costs to establish an initial reserve for depreciation of the Commission System shall be determined by the Board of Commissioners based on the Member's 2050 Declared Maximum Day Demand multiplied by an annual reserve payment amount per MGD, as provided in the Water Supply Agreement. Thereafter, Members will pay amounts for reserves in accordance with rates, charges and reserve policies established by the Board of Commissioners.

E. Commission Administration. Costs of Commission administration shall be paid by the Members in equal shares, determined by dividing the total Commission administration costs by the number of Members, as provided in the Water Supply Agreement. The total Commission administration costs to be shared by the Members may be reduced by amounts paid by Customers, if any.

F. Capital Costs, Debt Service and Costs of Financing. With respect to the Capital Costs, the Commission may itself finance these costs from borrowed money or retained amounts from the sale of water, or it may require Members to make capital contributions and payments to

the Commission at times specified by the Board of Commissioners and in shares based on each Member's Declared Maximum Day Demand at the completion of construction. Any costs financed from borrowed money shall include Debt Service and Costs of Financing.

i. Shares of Capital Costs, Debt Service and Costs of Financing for the Commission System shall be determined based on the ratio of each Member's Declared Maximum Day Demand to the sum of all Members' Declared Maximum Day Demand at the same point in time expressed as a percentage, and other factors pertaining to water service to a Member as provided in the Water Supply Agreement.

ii. The Parties anticipate that the Capital Costs of (a) the Program will be paid through the issuance or assumption of debt by the Commission, which may include, without limitation, Bonds from various programs that are available from time to time, such as the Water Infrastructure Finance and Innovation Act (WIFIA) loan program and the State of Illinois Public Water Supply Loan Program, which may be to the maximum amount permitted by law, or through other funds available to the Commission, and (b) future extensions, expansions and improvements to the Commission System will be paid through the issuance of debt by the Commission or through other funds available to the Commission.

iii. The Commission will reimburse Joliet for Advanced Development Costs and Advanced Construction Costs advanced by Joliet and described in this Agreement. Such reimbursement shall be in the form of a credit to be applied to the total amount of Joliet's required payment of Capital Costs, Debt Service and Costs of Financing for the Program. All such Advanced Development Costs and Advanced Construction Costs will be treated as Capital Costs, Debt Service and Costs of Financing of the Commission and paid by Members (including Joliet) based on their Declared Maximum Day Demand except as provided in the Water Supply Agreement.

iv. Improvements to the Commission System that only improve water service to certain Members, and that do not increase overall capacity of the Commission System, shall be paid for by those certain Members following approval by the Commission, including Capital Costs, Debt Service and Costs of Financing as well as any other related costs, such as operation and maintenance costs, that the Commission may require those certain Members to pay. The Commission will not unreasonably withhold approval of such improvements.

G. Default Costs. If any Member or Customer defaults on payments to the Commission, each Member shall pay a share of the amounts so in default to the Commission, as described in Section 7.2 and as further provided in the Water Supply Agreement.

H. Costs for Less Than Full Water Requirements. If a Member takes less than its Full Water Requirements from the Commission in any month, its obligation shall be based on its Full Water Requirements, unless waived by the Commission, as provided in the Water Supply Agreement.

I. Payment of Costs.

i. Each Member must pay its share of the Commission Costs in the manner provided in the Water Supply Agreement. Costs in certain categories will begin to be incurred after the Water Supply Agreement is effective and prior to first delivery of water, and this payment obligation will continue, regardless of the volume of water received by the Member.

ii. Each Member is obligated to pay its share of the Commission Costs without setoff or counterclaim and irrespective of whether a supply of water is ever furnished, made available or delivered to the Member or whether any project for the supply of water, the Program or the Commission System is completed, operable, or operating and notwithstanding any suspension, interruption, interference, reduction or curtailment of the supply of water from such project, the Program or the Commission System.

7.2 Failure to Pay Costs. If one or more Members defaults or fails to pay its required share of Commission Costs, the remaining Members will be required to assume this liability and pay for all or a portion of the obligations of the defaulting Member. The Water Supply Agreement will include procedures and remedies for Member nonpayment and the calculation of default shares. The Board of Commissioners may decide to establish a reserve fund to meet Commission obligations in the event that a Member is unable to make one or more payments on time. Use by the Commission of amounts from the reserve fund for this purpose does not excuse the Member that is unable to pay from its obligation to make all required payments with interest as established in the Water Supply Agreement.

7.3 Suspension of Membership and Services for Failure to Pay. In addition to the remedies provided in the Water Supply Agreement and as otherwise provided by law for failure of a Member to pay the amounts it is required to pay pursuant to the Water Supply Agreement when and as they become due, the Commission may take the following actions:

A. The Commission may suspend the membership of any Member, including the Member's membership on the Board of Commissioners, the Technical Advisory Committee and any other committee of the Commission when that Member's share of Commission Costs due to the Commission, as determined by the Board of Commissioners, have not been paid in full as required by the Water Supply Agreement within sixty (60) days after demand by the Commission, except as otherwise provided in the Water Supply Agreement.

i. A Member under suspension shall have no power to make or second motions or to vote, nor shall it be counted for the purposes of the establishment of a quorum or the determination of the vote needed to pass or approve any matter coming before the Board of Commissioners, the Technical Advisory Committee or any other committee of the Commission.

ii. A Member under suspension shall have no right to attend a closed session of the Board of Commissioners or any Commission committee unless expressly authorized by a majority of the representatives of the other Members of the Commission on such Board or committee.

iii. A Member under suspension shall no right to consent to or approve any matter otherwise requiring its consent or approval under this Agreement, the Water Supply Agreement or the Bylaws.

iv. A Member under suspension shall continue during its suspension to be responsible for its share of any unpaid Bonds, contracts, debts and obligations and other Commission Costs incurred by the Commission.

v. Upon payment of all amounts due the Commission under this Agreement, including those accrued during the suspension, a Member under suspension shall be reinstated to membership on the Board of Commissioners, the Technical Advisory Committee and any other committee of the Commission.

B. The Commission may decline to provide water and suspend or discontinue water service by the Commission to any Member whose charges have not been paid within sixty (60) days after the due date under the Water Supply Agreement. Prior to suspension or discontinuance, the Commission shall provide to the Member notice and an opportunity to be heard by the Board of Commissioners as provided in the Water Supply Agreement, and thereafter shall obtain an order of the state court with jurisdiction authorizing the suspension or discontinuance of water service to the Member.

C. The Board of Commissioners shall establish and impose a reasonable penalty charge for late payments, which charge shall be in addition to any interest due on such late payments; imposition of a penalty may be waived by the Board of Commissioners for good cause shown.

7.4 Growth-Related Charge. The Commission may collect a growth-related capital charge (\$/unit or \$/PE) applicable to all new Commission water users, including without limitation to residential, commercial and industrial users, to be collected by the Commission from all users who will be provided water by each Member and applied to the share of the Capital Costs, Debt Service and Costs of Financing to be paid by the Member in whose municipal/corporate limits or service area the growth is located. "New" water users will be defined by the Board of Commissioners as to whether this category includes new construction only or also adaptive reuse or modifications of existing structures that result in an increased water use. A growth-related capital charge must be approved by a unanimous vote of the Board of Commissioners.

7.5 Mutual Cooperation in Issuance of Obligations. Each Member shall cooperate with the Commission in issuance of any Bonds under this Article, and the Commission shall cooperate with each Member in the issuance of bonds issued by the Member in accordance with Article VII of this Agreement. In such connection, each Member and the Commission will comply with all reasonable requests of each other and will, upon request, do as follows:

- A. Make available general and financial information about itself;
- B. Consent to publication and distribution of its financial information;
- C. Certify that general and financial information about it is accurate, does not contain an untrue statement of a material fact and does not omit to state a material fact necessary in order to make the statements in that information, in light of the circumstances under which they were made, not misleading;
- D. Enter into continuing disclosure undertakings with respect to debt issues and comply with the applicable reporting requirements thereof and cooperate with all continuing disclosure requirements;
- E. Make available certified copies of official proceedings;

F. Provide reasonable certifications to be used in a transcript of closing documents;
and

G. Provide and pay for reasonably requested opinions of counsel as to the validity of its actions taken with respect to and the binding effect of this Agreement, title to the Member's waterworks system or the Commission System, as applicable, pending or threatened litigation which could materially affect its performance hereunder, and other reasonably related opinions.

7.6 Limitation on Commission Liability. The Commission shall not be liable for any liability or obligation incurred by any Member except as agreed or approved by the Board of Commissioners.

ARTICLE VIII

WATER MANAGEMENT AND COMMISSION SYSTEM

8.1 Water Allocation.

A. Each Member must obtain and maintain an allocation of Lake Michigan water.

B. The Commission may obtain and maintain a Water Allocation for sales Lake Michigan water at Retail to the extent such sales by the Commission are authorized pursuant to this Agreement or the Water Supply Agreement.

8.2. Water Usage Monitoring. The Commission may monitor the water usage of each Member to ensure compliance with their respective Water Allocations and any other obligations of the Members.

8.3 Declared Maximum Day Demand; Water Capacity.

A. Each Member shall have a Declared Maximum Day Demand for water, which will be established when and as provided in the Water Supply Agreement.

B. No Member may exceed its Declared Maximum Day Demand, except as authorized pursuant to the Water Supply Agreement.

C. The Declared Maximum Day Demand of each of the Members may be reallocated in accordance with the Water Supply Agreement.

D. The water delivery capacity of the Commission System will be established and may be modified or expanded in accordance with the Water Supply Agreement.

8.4 Targeted Water Delivery Date. In connection with the initial construction of the Commission System, the Parties agree to cooperate with each other to achieve delivery of Lake Michigan Water to the Charter Members by the Targeted Water Delivery Date.

ARTICLE IX

WITHDRAWAL, TERMINATION AND DISSOLUTION

9.1 Withdrawal.

A. Only With Consent. A Member may withdraw as a Member of the Commission only upon the unanimous consent of the Board of Commissioners and upon the consent of each other Member by ordinance or resolution of its corporate authorities. The Commissioner for the Member requesting withdrawal shall not vote on that Member's request for withdrawal.

B. Financial Obligations Upon Withdrawal. Any withdrawing Member shall be responsible for its share of any unpaid Bonds, contracts, debts and obligations of the Commission incurred prior to the date of withdrawal or removal in proportion to its respective share, and such other terms and conditions as are required for consent to withdrawal under this Section 9.1.

C. Filings Required. Any Member seeking to withdraw from the Commission shall file with the Secretary of the Commission a certified copy of an ordinance of the Member determining so to withdraw. Any consent to a Member's withdrawal by the Board of Commissioners or any other Member may be made only by filing with the Secretary of the Commission a certified copy of an ordinance consenting to the withdrawal. Following the filing of all such ordinances authorizing upon any Member's withdrawal from the Commission, that fact shall be submitted by the Secretary of the Commission to the Secretary of State of the State of Illinois.

9.2 Termination and Dissolution.

A. By Mutual Agreement. The Commission may be dissolved and terminated by unanimous determination of the Members and a unanimous recommendation by the Board of

Commissioners to dissolve and terminate the Commission. Each Member shall evidence its determination by adoption of an ordinance to dissolve and terminate the Commission, which ordinance must be approved by a vote of the corporate authorities of each Member.

B. Filings Required. Upon action having been taken to dissolve and terminate the Commission, that fact shall be submitted by the Secretary of the Commission to the Secretary of State of the State of Illinois.

C. When Prohibited. While and as long as any Bonds of the Commission or any other contracts or obligations of the Commission relating to the Bonds are outstanding and unpaid, the Commission shall not terminate or dissolve in whole or in part.

D. Distribution of Assets. Assets of the Commission remaining after dissolution shall be distributed among the Members who had participated in the Commission within one year prior to such dissolution and termination in proportion to their then-current Declared Maximum Day Demand, after any setoff with respect to the provision for payment of that Member's share of the contracts, debts and obligations of the Commission.

ARTICLE X

LEGAL RELATIONSHIPS AND REQUIREMENTS

10.1 Dispute Resolution.

A. Negotiation. The Parties desire to avoid and settle without litigation any future disputes that may arise between them relative to this Agreement. Accordingly, the Parties agree to engage in good faith negotiations to resolve any such dispute. The process in this Section 10.1 shall apply and be complied with prior to the exercise of other provisions in this Agreement pertaining to enforcement or resolution of disputes between the Parties.

B. Notice and Meeting. If any Party has a dispute about a violation, interpretation, or application of a provision of this Agreement, or a dispute regarding a Party's failure to comply with this Agreement, then that Party may serve on the other Parties notice, by Certified Mail or personal service and, if desired by the Parties, may also be given by electronic communications, setting

forth in detail the dispute, the provisions of this Agreement to which the dispute is related, and all facts and circumstances pertinent to the dispute. The Parties then, within seven (7) days, shall schedule a date certain for representatives of the Parties to meet in a conference to resolve the dispute. Such conference shall be conducted within fifteen (15) days after notice of the dispute has been delivered as provided in this Subsection 10.1.B.

C. Mediation. If the matter remains unresolved for more than ten (10) additional days following such a conference, the Parties may mutually agree to submit the matter to non-binding mediation pursuant to the then-current Commercial Mediation Procedures of the American Arbitration Association (AAA). If so submitted, it shall be submitted jointly and the mediation shall be administered as mutually agreed by the Parties. The mediation shall be convened not more than thirty-five (35) days after the date of initial discussions between the Parties' representatives under Subsection 10.1.B and concluded not more than fifty (50) days after such date of initial discussions.

D. Continuation of Terms. During all negotiation proceedings and any subsequent proceedings provided for in this Section 10.1, the Commission and the Members shall continue to fulfill the terms of this Agreement to the fullest extent possible. The Parties shall continue to perform their obligations as required under this Agreement. The Parties may mutually agree to extend the time periods under this Section 10.1 in order to facilitate resolution of the dispute.

E. Remedies. Provided that the Parties have met their obligations under this Section 10.6, the Parties shall be entitled to pursue such remedies as may be available in law and equity. The requirements of Subsections 10.1.B and C shall be waived in the event of either significant risk of irreparable harm or significant jeopardy to public health and safety.

10.2 Enforcement. The Commission and the Parties shall have the right to enforce, in law or equity, this Agreement, the Bylaws, or any agreement among or between the Commission and any one or more Members, (a) against any Member and (b) to compel payment of rates, fees

and charges as provided in this Agreement, the Water Supply Agreement, the Bylaws or any such other agreements. If suit is necessary to compel enforcement of provisions of this Agreement, the Water Supply Agreement, the Bylaws or any such other agreement or to compel payment of rates, fees and charges of the Commission, the non-prevailing Party shall pay the prevailing Party's reasonable legal fees and costs and expenses pertaining to the suit, in such amount as determined by the court. The Parties agree to meet and confer to discuss any disputes over the terms of this Agreement, the Water Supply Agreement, the Bylaws or any such other agreements and to follow the dispute resolution process in Section 10.1 prior to filing any action for enforcement of this Agreement. This Section does not limit the rights of the Bond trustee under Section 9.8(b) of the Water Supply Agreement.

ARTICLE XI **MISCELLANEOUS PROVISIONS**

11.1 Ordinance Authorizing Agreement. Prior to executing this Agreement, this Agreement shall be approved by ordinance adopted by the corporate authorities of each Charter Member. The approval ordinance must specifically authorize and direct the execution of this Agreement on behalf of the Charter Member. Each Charter Member must deliver to the Secretary of the Commission a certified copy of the ordinance required by this Section.

11.2 Execution; Counterparts. Each of the Parties represents that the persons executing this Agreement on behalf of such Party is duly authorized to do so. This Agreement may be executed in multiple identical counterparts, and all of said counterparts will, individually and taken together, constitute one and the same Agreement. Any such counterpart may be signed by one or more of the Parties so long as each of the Parties has signed one or more of such counterparts.

11.3 Entire Agreement. There are no representations, covenants, promises, or obligations not contained in this Agreement that form any part of this Agreement or upon which

any of the Parties is relying in entering into this Agreement, other than the Water Supply Agreement, the Bylaws and the Program Management Agreement.

11.4 Filing with Secretary of State. Promptly upon this Agreement becoming effective, a copy of this Agreement shall be filed by the Secretary of the Commission with the Secretary of State of the State of Illinois.

11.5 Amendment. This Agreement may be amended only by written agreement of all Members. An amendment is effective only when authorized by ordinances adopted by each Member's corporate authorities, certified copies of which must be filed with the Secretary of the Commission. An amendment may be subject to limitations pertaining to any outstanding Bonds of the Commission. Upon amendment of this Agreement, the Secretary of the Commission shall promptly cause a copy of the amendment to be filed in the office of the Secretary of State of the State of Illinois.

11.6 Cooperation of the Parties in Proceedings. In connection with any regulatory or judicial inquiry, claim, suit, action or proceeding or other matter by or before any court or any local, state or federal governmental authority or agency including, but not limited to the Internal Revenue Service, the Securities and Exchange Commission, the United States Environmental Protection Agency (such as the WIFIA program), IDNR or Illinois Environmental Protection Agency, in connection with this Agreement or any Bonds or other debt for the Program or the Commission System (collectively, the "**Proceeding**"), the Parties shall cooperate with each other in connection with said Proceeding. Cooperation shall include, but not be limited to promptly providing all documentation, records and information relating to this Agreement, or any Bonds or other debt for the Program or the Commission System, and each Party's performance of this Agreement, the delivery of Water by the Commission, and the delivery of Water from the Parties to their customers. However, each Party shall not be restricted from defending itself in relation to

any such Proceedings. This Section shall not apply to any Proceeding in which the Parties are making one or more claims against each other.

11.7 Invalidity. If any part, term, or provision of this Agreement is held invalid, void or unenforceable by a court of competent jurisdiction for any reason, the Parties agree to cooperate to cure any such interpretation by the court and, if possible, adopt another agreement to cure the defects causing such a holding and which shall achieve, as near as may be, the purpose and intent of this Agreement to the maximum extent possible.

11.8 Binding Effect. The terms of this Agreement shall bind and inure to the benefit of the Parties and their agents, successors, and assigns.

11.9 Time. Time is of the essence in the performance of this Agreement.

11.10 Regulatory Bodies. This Agreement will be subject to all valid rules, regulations, and laws applicable to this Agreement passed and promulgated by the United States of America, the State of Illinois, or any other governmental body or agency having lawful jurisdiction, or any authorized representative or agent of any of them; provided, however, that this Section will not be construed as waiving the right of any Party to challenge the validity of any such rules, regulations, or laws on any basis, including the impairment of this Agreement. The Parties through this Agreement seek to exercise and maintain all sovereign rights granted to them under and through the Constitution and laws of the State of Illinois.

11.11 Governing Law. This Agreement shall be governed by, and enforced in accordance with, the internal laws, but not the conflicts of laws rules, of the State of Illinois.

11.12 Non-Assignability. The Parties agree that this Agreement shall not be assigned or transferred by any Party to another municipality or unit of government without the prior written consent of the other Parties.

11.13 Waiver. No waiver of any provision of this Agreement shall be deemed to or constitute a waiver of any other provision of this Agreement (whether or not similar) nor shall any

such waiver be deemed to or constitute a continuing waiver unless otherwise expressly provided in this Agreement.

11.14 Rights Cumulative. Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement shall be cumulative and shall not be exclusive of any other such rights, remedies, and benefits allowed by law.

11.15 No Third-Party Beneficiaries. Nothing in this Agreement shall create, or be construed to create, any third-party beneficiary rights.

11.16 Superseder. Following approval and execution of this Agreement by all of the Parties, that certain “Preliminary Agreement Regarding Formation of a Regional Water Commission” by and among the Parties dated February 22, 2022, as amended, shall be superseded by this Agreement.

11.17 Notice. All notices and other communications in connection with this Agreement shall be in writing and will be deemed delivered to the addressee thereof when delivered in person, by a reputable overnight courier, or by messenger at the Party’s designated address, or three business days after deposit thereof in any main or branch United States post office, certified or registered mail, return receipt requested, postage prepaid, properly addressed to the Parties, respectively, at each Party’s contact information as provided with its signature. A Party may change its contact information by giving notice to all other Parties pursuant to this Section.

[signatures on following pages]

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Channahon, an Illinois home
rule municipal corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the Village of Channahon:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

City of Crest Hill, an Illinois municipal corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the City of Crest Hill:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

City of Joliet, an Illinois home rule
municipal corporation

By: _____
Its: _____
Date: _____

ATTEST:

By: _____
Its: _____

Contact Party for the City of Joliet:

Name: _____
Address: _____

Telephone: _____
Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Minooka, an Illinois municipal corporation

By: _____
Its: _____
Date: _____

ATTEST:

By: _____
Its: _____

Contact Party for the Village of Minooka:

Name: _____
Address: _____

Telephone: _____
Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Romeoville, an Illinois home
rule municipal corporation

By: _____
Its: _____
Date: _____

ATTEST:

By: _____
Its: _____

Contact Party for the Village of Romeoville:

Name: _____
Address: _____

Telephone: _____
Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Shorewood, an Illinois home
rule municipal corporation

By: _____
Its: _____
Date: _____

ATTEST:

By: _____
Its: _____

Contact Party for the Village of Shorewood:

Name: _____
Address: _____

Telephone: _____
Email: _____

BYLAWS OF THE GRAND PRAIRIE WATER COMMISSION**Article 1**
GENERAL PROVISIONS**Section 1.1. General Purpose.**

These Bylaws, together with the Intergovernmental Agreement to Establish the Grand Prairie Water Commission (“IGA”), govern the function and operation of the Grand Prairie Water Commission (“Commission”) and establish the organizational structure and rules of procedure of the Commission.

Section 1.2. Definitions.

Whenever used in these Bylaws, the following terms shall have the following meanings unless a different meaning is required by the context. Terms not defined in these Bylaws shall have the meaning assigned to them in the IGA:

A. “Basis of Design” means the document containing the rationale, principles, criteria, considerations, assumptions, special requirements, and constraints to be used for the engineering design for the initial Commission System and which establishes a baseline for the Program, which is included in the Program Management Agreement, as it may be amended from time to time.

B. “Chair” means the Chair of the Board of Commissioners, the Chair of the Technical Advisory Committee, or the Chair of another committee of the Commission, as the context requires, duly appointed pursuant to these Bylaws.

C. “Commission” means the Grand Prairie Water Commission.

D. “Commission System” means the waterworks and water supply system of the Commission to bring water to the Members and any Customers of the Commission, as it may be modified from time to time.

E. “Commissioner” means a Commissioner of the Grand Prairie Water Commission, duly appointed as such pursuant to these Bylaws.

F. “Customer” means any purchaser of Water from the Commission that is not a Member of the Commission.

G. “Delegate” means a representative of a Member on the Technical Advisory Committee, duly appointed as such pursuant to these Bylaws.

H. “Executive Director” means the Executive Director of the Grand Prairie Water Commission.

I. “IGA” means the Intergovernmental Agreement to Establish the Grand Prairie Water Commission between the Members dated June __, 2024, as it may be amended from time to time.

J. “Member” or “Members” means all municipalities that are Charter Members or that become Additional Members of the Commission pursuant to the IGA and does not include municipalities that have withdrawn from the Commission pursuant to the IGA. Member or Members does not include Customers.

K. “Open Meetings Act” means the Illinois Open Meetings Act, 5 ILCS 120/1 *et seq.*, as amended from time to time.

L. “Program” means all activities necessary for design, acquisition, construction, start-up and commissioning of the initial Commission System consistent with the Basis of Design, and also includes certain items necessary for the delivery of Lake Michigan water which will be designed and constructed by the Commission and for which the cost of construction will be paid by the City of Chicago and which will be owned by the City of Chicago pursuant to the water supply agreement with the City of Chicago.

M. “Program Budget” means the budget for the performance of the Program, as it may be amended from time to time, as approved by the Board of Commissioners.

N. “Program Management Agreement” means the “Intergovernmental Agreement for Program Management,” dated _____ 2024 as it may be amended from time to time, between the Commission and the City of Joliet for the management of the Program.

O. “Program Schedule” means the schedule for the performance of the Program, as it may be amended from time to time, as approved by the Board of Commissioners.

P. “RWC Act” means the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.*, including amendments that may hereafter be made from time to time.

Q. “Secretary” means the Secretary of the Commission, as provided in the

IGA.

R. “Targeted Water Delivery Date” means the Targeted Water Delivery Date as established in the IGA and the Water Supply Agreement.

S. “Technical Advisory Committee” or “TAC” means the committee as described in Section 6.2.

T. “Term” means a two-year period for service to the Commission, such as service as a Commissioner, as an officer, or on a committee, unless such period is made longer or shorter for circumstances as provided in these Bylaws.

U. “Treasurer” means the Treasurer of the Commission, as provided in the IGA.

V. “Vice-Chair” means the Vice-Chair of the Board of Commissioners, the Vice-Chair of the Technical Advisory Committee, or the Vice-Chair of another committee of the Commission, as the context requires, duly appointed pursuant to these Bylaws.

W. “Water Supply Agreement” means the Water Supply Agreement between the Commission and the Members dated _____, 2024, as it may be amended from time to time.

Article 2

COMMISSION AND COMMISSIONERS

Section 2.1. Corporate Authority of the Commission.

The Commission shall act through its Board of Commissioners, which shall be the corporate authority of the Commission and shall have the power to pass and enforce all necessary ordinances, resolutions, rules, regulation and administrative orders for the conduct of business and management of property of the Commission.

Section 2.2. Duties.

The Commission shall have the powers and perform those duties prescribed by the RWC Act, the IGA, the Water Supply Agreement and applicable law, and such other duties as may from time to time be established by the ordinances of the Commission adopted pursuant to the RWC Act, the IGA, the Water Supply Agreement and applicable law.

Section 2.3. Composition.

A. Commissioners. The Board of Commissioners shall consist of a duly

appointed Commissioner from each Member as set forth in the RWC Act and the IGA.

B. Alternate Commissioners. Each Member may appoint an Alternate Commissioner, as set forth in the RWC Act and the IGA, who may vote as the Commissioner in the absence of the duly appointed Commissioner or if there is a vacancy in the position of Commissioner from that Member.

C. Designation. Each Member shall file with the Secretary of the Commission a certified copy of any ordinance or resolution of its corporate authorities appointing its Commissioner or its Alternate Commissioner from time to time.

Section 2.4. Term; Removal; Vacancies.

A. Except as provided in the IGA for the Term of the Commissioners initially appointed upon establishment of the Commission, the Term of each Commissioner shall be two years, and expire as of the date established in the IGA or until their successor is duly appointed by the Member of the Commission appointing that Commissioner, unless the Commissioner is no longer Mayor or President or another elected member of the corporate authorities of that Member. A Commissioner shall be eligible for reappointment upon expiration of a Term.

B. A Commissioner may be removed as Commissioner as provided by the RWC Act.

C. Any vacancy in the office of Commissioner or Alternate Commissioner for any reason shall be filled by appointment of the Member for which the vacancy exists.

Section 2.5. Voting.

A. Each Member is entitled to one vote on all matters presented to the Commission at regular or special meetings. The vote may be cast only by the Commissioner or Alternate Commissioner, who must be in attendance at the scheduled meeting in the manner provided by law. No proxy votes or absentee voting shall be permitted except as permitted by law.

B. Where a Member has been suspended by the Board of Commissioners for a failure to make payments as required by the IGA or the Water Supply Agreement, that Member shall have no power to make or second motions, or to vote, or to be counted for the purposes of establishing a quorum or determining the vote needed to pass or approve any matter coming before the Board of Commissioners, the Technical Advisory

Committee or any other committee of the Commission. A Member under suspension shall have no right to attend a closed session of the Board of Commissioners or any Commission committee unless expressly authorized by a majority of the Commissioners. A Member under suspension shall have no right to consent to or approve any matter otherwise requiring its consent or approval under the IGA, the Water Supply Agreement or these Bylaws.

C. If the right of a Member's Commissioner to vote is waived or suspended pursuant to the IGA or the Water Supply Agreement, then that Member's vote is not required for the purpose of obtaining a unanimous vote that is required by these Bylaws. If a Member is suspended, then the Member's consent or approval is not required for the purpose of obtaining unanimous consent or approval of all the Members.

Section 2.6. Compensation.

No Commissioner or Alternate Commissioner shall receive any compensation from the Commission for service as a Commissioner (or as Board Chair, Board Vice-Chair, Treasurer, Secretary or other officer of the Commission) but Commissioners may be reimbursed for their actual expenses incurred with regard to Commission business.

Section 2.7. Bonds.

Each Commissioner and Alternate Commissioner shall furnish a bond for the faithful performance of that Commissioner's or Alternate Commissioner's official duties. This bond shall not be less than \$5,000 and its costs shall be paid by the Commission.

Article 3 **OFFICERS OF THE COMMISSION**

Section 3.1. Officers.

The officers of the Commission shall be the Board Chair, Board Vice-Chair, Acting Chair, Secretary and Treasurer.

Section 3.2. Board Chair, Board Vice-Chair, Secretary and Treasurer.

The Board Chair, Board Vice-Chair, Secretary and Treasurer shall each be a Commissioner and shall each serve a Term as such an officer. These officers shall be elected through the following process:

A. For the first Term, which shall commence upon formation of the Commission and end on June 30, 2027, the following officers shall be the

Commissioner from the Member listed for each office:

- i. Board Chair: Village of Shorewood
- ii. Board Vice Chair: Village of Channahon
- iii. Secretary: Village of Romeoville
- iv. Treasurer: City of Crest Hill

B. Each Commissioner shall serve as Board Chair for the Term immediately following serving a Term as Board Vice-Chair.

C. Each Commissioner shall serve as Board Vice-Chair for the Term immediately following serving a Term as Secretary.

D. Each Commissioner shall serve as Secretary for the Term immediately following serving a Term as Treasurer.

E. At the conclusion of each subsequent Term at such time as the Treasurer commences service in the office of Secretary, the remaining Commissioners shall serve a Term as Treasurer in the following sequence:

- i. Village of Minooka
- ii. City of Joliet

F. If a new individual is appointed to the office of Commissioner for a Member during the Term during which that Member serves as Board Chair, Board Vice-Chair, Secretary or Treasurer, the new Commissioner for that Member shall serve the remainder of the Term of the office (Board Chair, Board Vice-Chair, Secretary or Treasurer) held by the previous Commissioner for that Member.

G. The duties of Board Chair, Board Vice-Chair, Secretary or Treasurer shall be performed by the Commissioner and not the Alternate Commissioner for the Member serving in each such office.

H. After the City of Joliet serves a Term as Treasurer, the Village of Shorewood shall commence service as Treasurer and the original order of serving in these offices shall be repeated. Additional Members, if any, of the Commission shall serve as Treasurer following the next Term served as Treasurer by the Member that is the immediate past Chair on the effective date of the Additional Member becoming a

Member of the Commission.

Section 3.3. Other Officers.

A. Acting Chair. In the event of the temporary absence or inability of both the Board Chair and Board Vice-Chair to perform the duties of Board Chair at a meeting of the Board of Commissioners, the Commissioners shall elect from their number in attendance an Acting Chair to serve as Chair of said meeting and to perform the duties and exercise the powers of Chair at the meeting. The Acting Chair shall not be an Alternate Commissioner unless only Alternate Commissioners are present at the meeting.

B. Deputies. The Board of Commissioners may select persons, who need not be Commissioners, to serve as deputies to the Secretary and Treasurer from time to time as necessary to perform the duties of those offices.

C. Additional Officers. The Commission may also, from time to time, by resolution create (and may subsequently discontinue) officer positions for the Commission in addition to those provided by these Bylaws. The Commission shall determine the duties of such additional officers, which shall not conflict with the duties specifically given by these Bylaws to other officers. The Commission shall determine the term of office and the method of election or appointment for such additional officers. Such additional officers need not be a Commissioner.

Section 3.4. Term; Vacancies.

A. Term. All officers shall serve for a Term, except for the first officers after the establishment of the Commission, which are as provided in Section 3.2.A.

B. Vacancies. In the event of a vacancy in an office other than the offices provided for in Section 3.2, for whatever reason, such vacancy shall be filled according to the same procedure used for the initial election or appointment.

Section 3.5. Duties of Officers.

The duties of officers shall be as follows:

A. Board Chair. The Board Chair shall:

- i. perform those duties prescribed by the RWC Act, applicable law or the Commission, and all duties incident to the office of Chair of the Commission;
- ii. preside at all meetings of the Commission;

iii. sign all ordinances, resolutions, and other documents necessary to be signed on behalf of the Commission and shall execute all contracts and agreements entered into by the Commission where directed by the Board of Commissioners to do so;

iv. have the power to vote in the same manner as the other Commissioners. The Chair's vote and presence shall be, and shall be counted as, that of a Commissioner for all purposes under these Bylaws.

B. Board Vice-Chair. In the event of a vacancy in the office of Board Chair or the Board Chair's inability to act, the Board Vice-Chair shall perform or cause to be performed all duties and exercise all powers within the normal purview of the Chair during such absence or inability to act, and shall serve until the Chair's absence or inability to act shall terminate, or until such time as a new Chair takes office in accordance with these Bylaws, the RWC Act, and applicable law. The Vice-Chair shall also perform such additional duties as may be assigned by the Chair.

C. Secretary. The Secretary shall:

i. perform or cause to be performed those duties prescribed by the RWC Act, applicable law or the Commission;

ii. coordinate with Commission officers and personnel to provide notice of each meeting to each Commissioner and to the public in the manner provided by law;

iii. coordinate with Commission officers and personnel to prepare the schedule of regular meetings as required by the Open Meetings Act and other applicable law, and to notify the Commissioners and the public in the manner required by law;

iv. coordinate with Commission officers and the Executive Director to see that an agenda for each meeting is prepared in advance for general distribution;

v. record, publish and maintain a permanent record of the minutes of each Commission meeting; and

vi. record the vote of each Commissioner (or Alternate Commissioner,

where applicable) and each ordinance, resolution or other proposition brought to a vote.

The Secretary may delegate those functions which the Secretary deems appropriate and reasonable to be performed by a deputy Secretary or the Executive Director.

D. Treasurer. The Treasurer shall:

i. perform or cause to be performed those duties prescribed by the RWC Act, applicable law or the Commission;

ii. have principal responsibility for the oversight of and advise the Board of Commissioners regarding: the receipt and deposit of all monies; the Commission's investment practices, paying particular attention to the investment of principal and compliance with existing bond ordinances and indentures; the Commission's accounting and control systems and whether or not they are consistent with generally accepted accounting principles; relationships with the local financial community; and overall treasury and cash management objectives of the Commission;

iii. review financial procedures and practices employed by the Executive Director and deputy Treasurer, including the deposit of funds, the making of disbursements, the maintenance of a check register, the reconciliation of bank statements, the overseeing of the annual audit, the coordination with outside accounting and audit firms retained by the Commission, and advise the Board of Commissioners on the efficiency of such procedures and practices;

iv. require reports of the Executive Director or deputy Treasurer as may be necessary to perform the duties of Treasurer; and

v. such other duties as shall be specifically prescribed from time to time by the Commission.

The Treasurer may delegate those functions which the Treasurer deems appropriate and reasonable to be performed by a deputy Treasurer or the Executive Director.

Section 3.6. Non-Performance of Duties.

If the Secretary or Treasurer fails or refuses to perform the duties and functions of their respective offices, the Board of Commissioners may take such reasonable actions as are required to ensure that the duties and functions are assigned to another

individual, such as through appointment of a deputy pursuant to the IGA.

Section 3.7. Bonds.

Any officer or employee of the Commission who has the authority to authorize the payment, investment or expenditure of Commission funds, other than by participating in an act of the Board of Commissioners, shall give a bond for the faithful discharge of that officer's or employee's duties, in such amount and with such surety or sureties as are approved by the Commission. The cost of such bond shall be paid by the Commission. No Commissioner, officer or employee of the Commission shall be liable for any loss of the money deposited in an approved depository which loss occurs by reason of any failure or default of the depository.

Article 4

ADMINISTRATIVE STAFF OF THE COMMISSION

Section 4.1. Administrative Staff.

The administrative staff shall consist of the Executive Director and such other supervisory, administrative and operating personnel as may from time to time be retained by the Commission.

Section 4.2. Executive Director – Appointment.

A. The Executive Director shall be appointed by a majority vote of the Commissioners for an indefinite term and shall serve as an at-will employee of the Commission at the Commission's pleasure. The Executive Director shall be chosen on the basis of administrative and executive qualifications with reference to the duties of the office.

B. No Commissioner or Alternate Commissioner shall receive the appointment as Executive Director during that individual's Term as Commissioner or Alternate Commissioner or for one year after the end of that individual's Term.

C. The Executive Director may be removed by a majority of the Commissioners at any time. A contract employing the Executive Director may provide severance pay and benefits. The action of the Commission in removing the Executive Director shall be final.

Section 4.3. Executive Director – Duties.

The Executive Director is charged with the supervision and management of the Commission's affairs. The Executive Director shall be the chief administrative officer of

the Commission and shall administer all functions of the Commission; however, during the term of the Program Management Agreement if an Executive Director is hired, the Executive Director will not perform duties listed below that have been assigned to the program manager under the Program Management Agreement but may perform duties defined as Commission Management Services in the Program Management Agreement that are no longer to be performed by the program manager. The duties of the Executive Director shall include, but are not necessarily limited to, the following:

A. administrative responsibility for the organization, construction, operation and maintenance of the Commission and the Commission System and related facilities;

B. supervision of all employees and consultants of the Commission;

C. hiring personnel to fill positions or vacancies on the Commission's administrative staff and to discharge or retire such employees in accordance with the administrative rules and procedures established by the Commission;

D. preparation of an agenda for each meeting of the Board of Commissioners in consultation with the Board Chair and Commission officers and for each meeting of the Technical Advisory Committee in consultation with the TAC Chair;

E. attendance at all Commission and Technical Advisory Committee meetings unless excused. The Executive Director shall be given notice of all meetings of the Board of Commissioners and Technical Advisory Committee. The Executive Director shall have the right to take part in the discussion of all matters coming before the Board of Commissioners and Technical Advisory Committee but shall have no vote;

F. attendance at any Commission committee meeting at which the Executive Director's attendance has been requested;

G. attendance at relevant Village Board or City Council meetings of the Members when requested;

H. recommendation of policies, plans and procedures for the organization, construction, operation and maintenance of the Commission System facilities and equipment, or as may be necessary or expedient for efficient operation of the Commission;

- I. purchase of materials and services according to administrative rules and procedures established by the Commission;
- J. preparation and presentation of the annual budget to the Commission;
- K. preparation and presentation to the Commission for consideration and approval of such administrative rules and orders as may be deemed necessary and appropriate;
- L. preparation of a monthly report of activities under the Executive Director's jurisdiction;
- M. representation of the Commission before conferences, professional associations or relevant public groups when authorized or requested to do so by the Commission;
- N. executing all contracts and other agreements and documents duly authorized to be signed on behalf of the Commission, except such contracts and other agreements and documents as may be required to be signed by the Board Chair or some other officer of the Commission; and
- O. perform such other duties as may be assigned from time to time.

Section 4.4. Other Personnel.

Any and all additional supervisory, administrative or operating personnel shall be under the direction of the Executive Director.

Section 4.5. Compensation.

The Executive Director shall receive such compensation as the Commission shall from time to time determine. Other personnel shall receive such compensation as determined by the Executive Director, authorized by the annual budget and approved by the Commission.

Section 4.6. Absence or Inability.

In the event of the Executive Director's absence or inability to act, the Executive Director may designate such Commission officers or employees as shall be authorized to act on behalf of the Executive Director. Except as otherwise provided by contract or agreement, in the event that the Board Chair determines that the Executive Director is incapable of performing the Executive Director's duties, the Board Chair may designate a person to perform the duties of the Executive Director until the next regular meeting

of the Board of Commissioners. At that meeting, the Board of Commissioners shall determine whether the Board Chair's designee shall continue to serve in the Executive Director's absence or inability to act or whether some other interim arrangement shall be in the best interest of the Commission.

Article 5

MEETINGS

Section 5.1. Open Meetings.

The Commission shall comply with the Open Meetings Act. All regular, special and emergency meetings shall be open to the public except such meetings or portions of meetings as may be held in closed session; and public notice of such meetings shall be given, in each case, in the manner as provided by the Open Meetings Act.

Section 5.2. Regular Meetings.

The Board of Commissioners shall establish the dates for the regular meetings of the Commission, which shall be not less frequent than once per quarter of the Commission's fiscal year.

Section 5.3. Order of Business.

The order of business for all regular and special meetings shall be established in an agenda to be provided to each of the Commissioners.

Section 5.4. Special Meetings.

Special meetings may be called at the request of the Chair or not less than two (2) of the Commissioners. The notice shall be given in the manner provided by law and shall include the time, date and location of the special meeting as well as the agenda specifying the subjects to be covered at that meeting. Business conducted at the special meeting shall be limited to those items specified in the agenda.

Section 5.5. Quorum.

A quorum shall consist of Commissioners representing four Members.

Section 5.6. Vote Requirements.

A. No ordinance, resolution, motion or other substantive matter shall be passed or approved by the Board of Commissioners except upon the affirmative vote of Commissioners representing a majority of the Members, unless a greater vote is required pursuant to these Bylaws, the IGA, the Water Supply Agreement, any other contract or agreement by the Commission, or applicable law.

B. A unanimous vote of the Commissioners representing all of the Members

is required, and approval of each Member's corporate authorities is required, for approval of any ordinance, resolution, motion or other action regarding the following:

- i. The addition of new Members;
- ii. The withdrawal of Members;
- iii. The addition of a non-Member wholesale or retail Customer of the Commission, other than for purposes of emergency interconnection and emergency water supply;
- iv. Amendment of the IGA;
- v. Amendment of the Water Supply Agreement;
- vi. Amendment or renewal of the water supply agreement with the City of Chicago;
- vii. Termination of the Program;
- viii. Dissolution of the Commission; and
- ix. Any other action requiring such a vote and approvals pursuant to the IGA, the Water Supply Agreement and the Program Management Agreement.

Approval by each Member's corporate authorities need not be by unanimous vote of all individuals serving as those corporate authorities.

C. A unanimous vote of the Commissioners representing all of the Members is required for approval of any ordinance, resolution, motion or other action regarding the following:

- i. Approval of a growth-related charge (as described in Section 7.4 of the IGA);
- ii. Modifications to the Basis of Design that (a) increase Program costs (other than modifications due to requirements of applicable laws, rules or regulations or a written agreement necessary for the implementation of the Project, such as easements or intergovernmental agreements, that were not anticipated at the time of approval of the Basis of Design), (b) alter the design criteria in a manner that decreases reliability or quality, or (c) extend the schedule beyond the Targeted Water Delivery Date;

iii. Establishing a Targeted Water Delivery Date that is later than the then-current Targeted Water Delivery Date;

iv. Settlement of litigation to which the Commission is a party and involving settlement payments to be made by the Commission in excess of \$500,000; provided, however, that if a Member is a party in the litigation and adverse to the Commission, the Commissioner for that Member shall not vote and that Member's vote shall not be necessary to establish a unanimous vote under this provision; and

v. Any other action requiring such a vote pursuant to the IGA, the Water Supply Agreement and the Program Management Agreement.

D. In the event that a Commissioner and Alternate Commissioner for a Member fail to attend a Board of Commissioners' meeting where a vote on a matter is to be taken which requires a unanimous or supermajority vote of the Board of Commissioners within a specified time (which shall not be less than 90 days), or the Commissioner and Alternate Commissioner for a Member fail to vote on a matter which requires a unanimous or supermajority vote of the Board of Commissioners within a specified time (which shall not be less than 90 days), the Commissioner shall be deemed to have voted in favor of the matter. In the event that the corporate authorities of a Member fail to act on a matter requiring approval of all Members' corporate authorities within a specified time (which shall not be less than 90 days), the Member's corporate authorities shall be deemed to have approved the matter. Neither failure of a Commissioner and Alternate Commissioner from a Member to attend or vote nor failure of the corporate authorities of a Member to act within the time required will be allowed to prevent a unanimous vote.

Section 5.7. Rules of Order.

The Board Chair shall preside over all Commission meetings, shall preserve order and decorum and shall conduct meetings in an orderly fashion. The Board Chair may speak to points of order and shall decide all questions of order. Questions of procedure for meetings of the Commission which are not determined by its rules shall be governed by the latest edition of *Roberts Rules of Order, Revised*. In case of any disturbance or disorderly conduct, the Board Chair shall have the power to remove the cause of such conduct or suspend the meeting.

Section 5.8. Rescission.

No ordinance, resolution, or other action shall be rescinded at any special Commission meeting unless there shall be present at such meeting at least as many Commissioners as were present at the meeting at which said ordinance, resolution or other action was approved.

Section 5.9. Written Action Items.

At the request of any Commissioner present, any action submitted to the Commission shall be reduced to writing before being voted upon.

Section 5.10. Public Comment.

Public comment shall take place in accordance with the Open Meetings Act.

Article 6

COMMITTEES

Section 6.1. Purpose.

The Commission has determined that, in many situations, the use of committees may be the most efficient and productive way for the Commissioners to carry out their responsibilities. The primary responsibilities of all committees shall be suggesting policy and reviewing, investigating and making recommendations to the Commission. The committee structure is established so that more thought and time may be given to Commission matters by delegating review and investigative functions to a portion of its Members. Unless otherwise authorized by delegation of the Board of Commissioners, the committees are not operating bodies but reviewing and investigative bodies; committee actions are not instructions to the Commission, but rather shall constitute suggestions or recommendations.

Section 6.2. Technical Advisory Committee.

A. There is established a Technical Advisory Committee as set forth in the IGA.

B. Every Member shall select a Delegate to serve on the Technical Advisory Committee and an Alternate Delegate to serve from time-to-time in the absence of the Delegate. Each Delegate and Alternate Delegate shall be a municipal employee of the Member. The terms of the first Delegates shall begin when they are appointed and shall run until June 30, 2027. Thereafter, all Delegates shall be appointed for a Term expiring on June 30 of odd-numbered years. Persons serving as Delegates shall serve until their Terms expire and thereafter until their respective successors are appointed

and qualified, so long as they remain qualified to serve.

C. If a Delegate or Alternate Delegate ceases to be a municipal employee of the Member appointing that Delegate or Alternate Delegate, or becomes incapacitated, that Delegate or Alternate Delegate may no longer serve on the Technical Advisory Committee and the position shall become vacant. A vacancy in the position of Delegate or Alternate Delegate shall be filled by appointment by the Member which appointed the Delegate or Alternate Delegate.

D. Each Delegate or, in the Delegate's absence, the Alternate Delegate, shall have one vote on the Technical Advisory Committee, and must be in attendance at the scheduled meeting in the manner provided by law. No proxy voting or absentee voting shall be permitted except as permitted by law.

E. The Technical Advisory Committee shall elect from among its Delegates a TAC Chair and TAC Vice-Chair for a Term. The first Term shall commence upon formation of the Commission and end on June 30, 2027. Vacancies in such offices shall be filled by the Technical Advisory Committee. The Executive Director shall serve or choose someone to serve as the secretary for the Technical Advisory Committee. The TAC Chair shall (i) preside at meetings of the Technical Advisory Committee, (ii) serve as the liaison between the Board of Commissioners and the Technical Advisory Committee, and (iii) perform all duties prescribed in these Bylaws or as delegated by the Board of Commissioners, or as otherwise incident to the position of TAC Chair. In the absence of the TAC Chair, the TAC Vice Chair shall perform the duties of the TAC Chair and, when so acting, shall have all the powers of the TAC Chair.

F. When there is an Executive Director (or person acting as the Executive Director), the Technical Advisory Committee shall advise the Executive Director (or person acting as the Executive Director) regarding the operations of the Commission and shall respond to specific questions and inquiries from the Executive Director (or person acting as the Executive Director).

G. In addition, the Technical Advisory Committee shall make recommendations to the Board of Commissioners and shall carry out such other functions as shall be assigned to it by the Board of Commissioners or the Board Chair, subject to the general policy decisions made by the Board of Commissioners from time

to time.

H. No Delegate or Alternate Delegate shall receive any compensation from the Commission for service on the Technical Advisory Committee (or as TAC Chair or TAC Vice-Chair) but may be reimbursed for their actual expenses incurred with regard to Commission business.

I. The Technical Advisory Committee shall establish the dates for the regular meetings of the Committee, which shall be not less frequent than once per quarter of the Commission's fiscal year.

J. A quorum of the Technical Advisory Committee shall consist of Delegates representing four Members.

K. The order of business for all meetings shall be established in an agenda to be provided to each of the Delegates. Public comment shall take place in accordance with the Open Meetings Act.

L. The Technical Advisory Committee will have the following duties:

i. In General. The Technical Advisory Committee will review and make recommendations regarding policies and procedures for operation and maintenance of the Commission System and operational coordination between the Commission and the Members; review water use requirements and patterns of the Members and Customers; review operational cost effectiveness and efficiencies affecting water rates; review potential and actual events that may result in planned curtailment or planned shutdowns of the Commission System and the Municipal Systems; review the Commission budget and make recommendations to the Board of Commissioners regarding the budget; participate in the development of capital improvement plans for the future of the Commission System and make recommendations to the Board of Commissioners regarding such plans and provide review and comment during design and construction of capital improvements to the Commission System; and report on a periodic basis to the Board of Commissioners.

ii. The Program. During the Program, the Technical Advisory Committee will consider all aspects of the Program and design, construction and operational matters pertaining to the initial Commission System and advise the

Board of Commissioners about these matters; discuss modifications to the Basis of Design and review and make recommendations regarding those modifications requiring approval by the Board of Commissioners pursuant to these Bylaws; review updates to the Program budget and Program Schedule and make recommendations to the Board of Commissioners regarding action on such updates; and monitor the management of the Program by Joliet.

iii. Any recommendations by the Technical Advisory Committee that require action by the Board of Commissioners will be forwarded to the Board of Commissioners for review and action pursuant to these Bylaws.

Section 6.3. Other Committees.

In addition to the Technical Advisory Committee, the Board of Commissioners may establish such other standing or special committees as it may deem necessary to effectuate business of the Commission. The duties of these additional committees shall be those specified at the time that the committees are established and may be modified from time-to-time by the Board of Commissioners.

Article 7 **FINANCIAL MATTERS**

Section 7.1. Fiscal Year.

The fiscal year of the Commission shall commence on January 1 and shall end on the following December 31.

Section 7.2. Annual Budget.

A. Commission Budget. The Commission shall prepare and adopt a Commission budget for each fiscal Year. Not less than sixty (60) days prior to the beginning of each fiscal Year (other than the first Fiscal Year after the Commission is established, which is a partial fiscal year), the Commission shall prepare and send to the Members a tentative Commission budget. The Commission budget for each fiscal year shall include an estimate of each of the elements of the Commission costs to be paid by the Members and Customers (if any) in that fiscal year and an estimate of each of the Commission costs to be paid by the Members and Customers (if any) for the following fiscal year.

B. Meeting; Hearing. The Commission will hold a meeting to present and discuss the Commission budget, at which comments of the Members may be presented. The Commission shall give the Members not less than fourteen (14) days' notice of such

meeting. In addition, the Commission shall hold any public hearing on the Commission budget as is required by law, and approve its annual Commission budget within or before the first quarter of its fiscal year.

Section 7.3. Expenditures.

After adoption of the annual budget by the Commission, the Executive Director shall make only those expenditures which are authorized by budget and shall not contravene the provisions of the budget without approval by the Commission or amendment of the budget.

Section 7.4. No Disbursement Without Authority.

No funds, monies or other things of value in the hands of the Commission shall be paid out, disbursed, or delivered except upon warrant, draft or order approved and signed as provided in these Bylaws.

Section 7.5. Authorization.

All disbursements shall be approved by the Commission from time to time. The Executive Director shall have purchasing authority up to an amount specified in rules and regulations to be adopted regarding Commission purchasing and contracts and any applicable Commission contract or agreement.

Section 7.6. Loans.

The Commission may not borrow money without the approval of the Board of Commissioners.

Section 7.7. Checks.

All checks, drafts or other orders for the payment of money, notes or other evidences of indebtedness in the name of the Commission shall be signed by any two of the following: the Board Chair, the Board Vice-Chair, the Treasurer, the Secretary and the Executive Director.

Section 7.8. Designation of Fund and Payee.

All checks shall specify the particular fund or appropriation to which they are chargeable and the person or other entity to whom payable.

Section 7.9. Audit.

The Commission shall provide for an annual audit to be performed and completed by an independent certified public accountant within 180 days after the close of each fiscal year, unless otherwise permitted by law. The books of the Commission shall be kept in accordance with generally accepted accounting principles

and state law. A copy of the annual audit report shall be delivered to each Commissioner promptly upon its receipt by the Commission.

Article 8
CONDUCT OF THE COMMISSIONERS, OFFICERS
AND EMPLOYEES OF THE COMMISSION

Section 8.1. Interest in Contracts.

The Commissioners, Officers and all employees of the Commission shall act and conduct themselves in such a manner that they do not violate any statute, law, ordinance, rule or regulation of the Commission, State of Illinois, or the federal government dealing with interests in contracts, jobs, work or materials or the profits thereof or services to be performed for or by the Commission.

Section 8.2. Disqualification.

No Commissioner shall have a personal, financial or other material interest in any matter before the Commission except where permitted by law, and if permitted by law, the Commissioner shall (A) publicly disclose that interest prior to any deliberations on the matter, (B) request that such disclosure be recorded in the minutes, (C) not participate in any way in the deliberations or decision on such matter and (D) remove himself or herself from any meeting or hearing while such matter is under consideration. Nothing in this Section shall be construed to permit an interest in a matter coming before the Commission that is prohibited by law.

Section 8.3. Prohibited Political Activities and Gift Ban.

A. The Commission adopts the following provisions of the State Gift Ban Act, 5 ILCS 430/1-1 *et seq.*:

i. Section 5-15, which establishes limits on the political activities of the Commissioners, its officers and employees; and

ii. Article 10, which bans the solicitation and acceptance of gifts from any prohibited source or in violation of any federal or State statute, rule, or regulation.

B. The Commissioners, officers and all employees of the Commission may only accept those gifts which are permitted, from time to time, under Article 10 of the State Gift Ban Act.

Section 8.4. Commitments.

No Commissioner, officer, committee or any employee of the Commission shall

in any way bind the Commission to do or not to do any certain thing unless expressly authorized to do so, and no unauthorized action shall be in any way binding upon or recognized by the Commission unless expressly ratified or approved by the Commission.

Section 8.5. Advocacy.

No Commissioner, officer or employee of the Commission shall take a public position on any bill in any of the state or federal legislatures in the name of the Commission without consulting with the Board Chair or designee and obtaining authority to take such action on behalf of the Commission.

Section 8.6. Claims and Actions.

The Commission shall defend and indemnify its Commissioners, officers, and employees against claims or actions based upon injuries allegedly arising out of any act, error or omission occurring within the exercise of their lawful duties or scope of employment as the case may be. This Section shall not, however, apply to provide defense or indemnification to any such Commissioner, officer or employee in any action instituted by or on behalf of the Commission against such Commissioner, officer or employee.

Article 9
MISCELLANEOUS

Section 9.1. Adoption; Amendment; Effective Date.

A. These Bylaws shall be adopted and approved only by ordinance or resolution approved by unanimous vote of the Board of Commissioners, and any amendments only upon the affirmative vote of two-thirds (2/3) of all Commissioners on the Board of Commissioners; provided, however, that adoption or amendment of a provision pertaining to (i) a vote requirement of more than two-thirds (2/3) of all Commissioners on the Board of Commissioners shall require an approving vote at least equal to or greater than that higher vote requirement in order to be approved, and, if applicable, (ii) a requirement for approval by the corporate authorities of each of the Members shall require approval by the corporate authorities of all of the Members in order to be approved.

B. Amendments to these Bylaws may be proposed by any Commissioner. The proposed amendment must be submitted to each Commissioner by the Commission at least thirty (30) days prior to the meeting of the Commission at which the proposed

amendment is to be considered.

C. These Bylaws shall become effective upon approval by the Board of Commissioners. Any amendment to these Bylaws shall take effect immediately upon its approval by the Board of Commissioners, unless the terms of the amendment otherwise provide.

Section 9.2. Copies.

The Secretary is authorized and directed to cause copies of these Bylaws, and any amendments from time to time, to be distributed to all Commissioners and other interested persons requesting a copy.

Section 9.3. Captions and Headings.

The captions and headings used herein are for convenience and reference only and do not define or limit the contents of each provision.

Section 9.4. Conflict.

In the event of a conflict between these Bylaws and any other ordinance, resolution or order of the Commission, these Bylaws shall control. In the event of a conflict between these Bylaws and any statute applicable to the Commission, the statute shall control. In the event of a conflict between these Bylaws and the IGA, the IGA shall control.

GRAND PRAIRIE WATER COMMISSION WATER SUPPLY AGREEMENT

This Water Supply Agreement ("***Agreement***") is made as of _____, 2024, by and among the GRAND PRAIRIE WATER COMMISSION, an Illinois regional water commission, municipal corporation and body politic and corporate, the VILLAGE OF CHANNAHON, an Illinois home rule municipal corporation ("***Channahon***"), the CITY OF CREST HILL, an Illinois municipal corporation ("***Crest Hill***"), the CITY OF JOLIET, an Illinois home rule municipal corporation ("***Joliet***"), the VILLAGE OF MINOOKA, an Illinois municipal corporation ("***Minooka***"), the VILLAGE OF ROMEOVILLE, an Illinois home rule municipal corporation ("***Romeoville***"), and the VILLAGE OF SHOREWOOD, an Illinois home rule municipal corporation ("***Shorewood***") (each a "***Party***" and collectively, "***Parties***").

In consideration of the recitals and the mutual covenants and agreements set forth in this Agreement, the Parties agree as follows:

ARTICLE 1 RECITALS¹

Section 1.1.

The Commission was organized under the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.*, to provide adequate supplies of potable Water on an economical and cost-effective basis for the Members, including without limitation to provide a joint waterworks system and common source of Water supply for use.

Section 1.2.

The Charter Members have entered into this Agreement in reliance upon the RWC Act which provides that two or more municipalities, at least one of which is located in whole or in part in the county of Cook, Kane, Kendall, Lake, McHenry or Will and has 140,000 inhabitants at the time of establishment of a regional water commission, may, by intergovernmental agreement, establish a regional water commission to provide adequate supplies of Water on an economical and cost-effective basis.

Section 1.3.

Article VII, Section 10 of the 1970 Constitution of the State of Illinois authorizes units of local government to contract or otherwise associate among themselves and with certain other governments "to obtain or share services and to exercise, combine or transfer any power or function, in any manner not prohibited by law or by ordinance" as well as to use their revenues, credit and other resources for such activities.

¹All defined terms initially appear in bold and italics and thereafter as capitalized words and phrases throughout this Agreement. They shall have the meanings set forth in the preamble, in Articles 1 and 2, and elsewhere in this Agreement.

Section 1.4.

The Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, (“**IC Act**”) also authorizes the joint use and enjoyment of the powers, privileges, functions and authority of governments such as the Commission and the Charter Members.

Section 1.5.

The Parties have authority to enter into this intergovernmental agreement pursuant to the RWC Act, the IC Act, Article VII, Section 10 of the 1970 Constitution of the State of Illinois, and other applicable law.

Section 1.6.

The Charter Members have each executed counterparts of this Agreement and under the RWC Act are authorized to receive Water through the instrumentality of the Commission and, by executing this Agreement, are enabling the Commission to construct, complete, operate and maintain the Commission System.

Section 1.7.

The Charter Members each have a Municipal System and have each received an Allocation.

Section 1.8.

The Commission proposes to borrow funds through Bonds that it issues in an amount sufficient to pay Capital Costs, Debt Service and Costs of Financing the Program. From time to time, Bonds will be authorized pursuant to one or more Bond Resolutions and Bond Indentures.

Section 1.9.

It is known to the Charter Members that the Commission will, from time to time, use this Agreement as a basis (a) for obtaining loans to be evidenced by the issuance of Bonds, (b) for payment of the principal of, premium, if any, and interest on Bonds, Debt Service and Costs of Financing, (c) as the means for the payment of its cost of purchasing Water from its suppliers, operating and maintenance costs and costs of Commission administration, and (d) for the establishment and maintenance of accounts and reserves for such purposes as may be required in any Bond Resolution or Bond Indenture authorizing issuance of Bonds or as authorized by applicable statutes.

Section 1.10.

The Charter Members recognize that in the future the Commission may enter into contracts to supply Water with Additional Members and Customers who have an Allocation, subject to the terms of the IGA and this Agreement.

Section 1.11.

The Charter Members are surrendering none of their respective rights to the ownership and operation of their respective Municipal Systems, except as expressly limited in this Agreement, nor is the Commission surrendering any of its rights to the ownership and operation of the Commission System, but all expressly assert their continued right to operate such systems.

ARTICLE 2 DEFINITIONS AND RULES OF INTERPRETATION

(a) Definitions. Whenever used in this Agreement, the following terms, when capitalized, shall have the following meanings unless a different meaning is provided or required by the context. A definition in the singular form may be used in the plural, and vice versa.

“Additional Member” means any municipality other than a Charter Member that becomes a member of the Commission pursuant to the IGA.

“Advanced Construction Costs” means costs advanced and incurred by Joliet in connection with the Program and will include, without limitation, costs related to or paid pursuant to any contracts for pre-construction and/or construction services for the Program entered into by Joliet with approval of the Board of Commissioners from time to time, including that certain Contract for the Construction of Chicago Connection Facilities Between the City of Joliet and Walsh Construction Company II, LLC dated November 29, 2023, which was entered into by Joliet pursuant to approval of the Members as provided in Section 3.12 of the Preliminary Agreement, and which may be assigned to the Commission pursuant to Section 6.5 of the IGA. The Advanced Construction Costs do not include debt service on such costs paid by Joliet.

“Advanced Development Costs” means costs advanced and incurred by Joliet for the Program, formation of the Commission and the initial Commission System expended for the period beginning in February 2021 through the completion of the Program, and will include, without limitation, costs (without mark-up) for engineering, land acquisition, permitting, legal, government advocacy and financial advisors costs incurred. These development costs will not include any costs incurred: (i) prior to February 1, 2021; (ii) for Joliet’s study of alternative water sources; (iii) for Joliet’s costs incurred in connection with obtaining its Water Allocation from the IDNR; and (iv) for Joliet’s costs with respect to issues unique to its Municipal System. The Advanced Development Costs do not include debt service on such costs paid by Joliet.

“Agreement” means this agreement.

“Allocation” means a Lake Michigan water allocation permit issued by the IDNR.

“Amendment” means any duly executed modification of this Agreement.

“Average Day Demand” means the total volume of water in a calendar year divided by the number of days in that calendar year, expressed in units of flow rate (volume per time).

“Basis of Design” means the document containing the rationale, principles, criteria, considerations, assumptions, special requirements, and constraints to be used for the design of the initial Commission System and implementation of the Program and establishes a baseline for Program costs, which is included in the Program Management Agreement.

“Board” means the Commission’s Board of Commissioners.

“Bonds” means any instrument providing for the payment of money authorized or issued by or on behalf of the Commission, or which the Commission has agreed to pay, including without

limitation of the foregoing, bonds, loans, notes, contracts, leases, certificates, and other evidences of indebtedness, issued by the Commission pursuant to a Bond Resolution and payable by their terms solely out of the revenues of the Commission System.

“Bond Indenture” means any agreement securing the payment of Bonds.

“Bond Resolution” means the Commission’s bond resolution or bond resolutions or bond ordinance or bond ordinances under which the Commission will authorize the issuance of, and issue, Bonds.

“Business Day” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or a state legal holiday in the State of Illinois or any day on which either the Commission government offices or the government offices of a majority of the Members are closed.

“Calendar Year” means a twelve-month period beginning on January 1 and ending on the succeeding December 31.

“Capacity” means the quantity of potable water, expressed in MGD, that the Commission System is capable of producing and delivering as determined by the lowest volume of IEPA Permitted Capacity of any element of the Commission System.

“Capital Costs” means all costs incurred in the development and performance of the Program, the establishment of the Commission, and the planning, developing, designing, constructing and acquiring of the Commission System or any future Expansions, Minor Upgrades or Improvements to the Commission System; provided, however, that for costs incurred by the Commission for government advocacy services from and after the Effective Date until completion of the Program, Capital Costs shall include fifty percent (50%) of such costs paid by the Commission.

“Capital Costs Non-Primary” means a portion of the Capital Costs, and Debt Service and Costs of Financing where applicable, for the Program or an Expansion, Minor Upgrade or Improvement, as applicable, that are included in the Commission Budget and the Program Budget or Expansion Budget, if applicable. Capital Costs Non-Primary includes those Capital Costs and Costs of Financing attributable to Water Delivery Structures and related Connecting Mains other than the Members’ primary Water Delivery Structures and related Connecting Mains, and to Special Benefit Improvements (if any). For the Program, Capital Costs and Costs of Financing are included in Capital Costs Non-Primary.

“Capital Costs Primary” means a portion of the Capital Costs, and Debt Service and Costs of Financing where applicable, for the Program or an Expansion, Minor Upgrade or Improvement, as applicable, that are included in the Commission Budget and the Program Budget or Expansion Budget, if applicable. Capital Costs Primary includes those Capital Costs, Debt Service and Costs of Financing attributable to the initial Commission System (or, in the case of an Expansion, Minor Upgrade or Improvement, the then-existing Commission System) from its point of connection to the Chicago water system to each of the Members’ primary Water Delivery Structures and related Connecting Mains and excluding those attributable to the Members’ non-primary Water Delivery Structures and related Connecting Mains and Special Benefit

Improvements (if any). For the Program, Capital Costs and Costs of Financing are included in Capital Costs Primary.

“Charter Member” means those municipalities (but not the Commission) listed in the first paragraph on page 1 of this Agreement which have approved and executed the IGA and the required ordinance pursuant to the RWC Act on or before June 30, 2024 and have deposited it with the Secretary of the Commission as required by the IGA.

“Chicago Water Supply Agreement” means that certain water supply agreement between the City of Chicago and the City of Joliet dated May 1, 2023, as amended or supplemented from time to time, and to be assigned to the Commission by the City of Joliet.

“Commission” means the Grand Prairie Water Commission, Illinois as established by the IGA.

“Commission Administration Costs” means all expenses described in Section 6.6.

“Commission Budget” means the annual budget of the Commission as adopted pursuant to this Agreement and the Bylaws.

“Commission Costs” means those costs described in Article 6.

“Commission System” means the waterworks and water supply system of the Commission to bring Water to the Members and any Customers of the Commission, as it may be modified from time to time.

“Connecting Main” means the transmission main and related appurtenances connecting a Water Delivery Structure to the mainline of the Commission transmission main.

“Costs of Financing” means and includes, without limitation, costs of issuance of any financing by the Commission, Debt Service reserve, coverage, capital and operating reserves, credit enhancements, and capitalized interest.

“Customer” means any purchaser of Water from the Commission that is not a Member of the Commission.

“Debt Service” means principal, interest and premium, if any, required for the payment of any financing by the Commission, including without limitation all Bonds of the Commission.

“Declared Maximum Day Demand” or **“DMDD”** means the amount of Water that a Member of the Commission determines to be necessary to provide the Full Water Requirements of the Member’s customers at various points in time and which will be established for each Member in this Agreement and may be amended from time to time as provided in this Agreement.

“Declared 2050 Maximum Day Demand” means the amount of Water that a Member determines to be necessary for it to provide the Full Water Requirements to the Member’s customers in the year 2050.

“Default Costs” means the amount of payments of the Members’ and Customers’ shares of Commission Costs which were due and payable and for any reason were not received by the Commission (or the Trustee) by the due date for that billing period.

“Delivered Quantity” means the amount of Water delivered by the Commission to a Member at its Point of Delivery.

“Demand Ratio” means the ratio determined by dividing each Member’s Declared Maximum Day Demand by the sum of the Declared Maximum Day Demands of all of the Members as of the same point in time, expressed as a percentage. The Demand Ratio shall be carried out to the number of decimal places available in the calculation tool (from time to time) being used to determine the Demand Ratio (as of the Effective Date, Microsoft Excel or equivalent).

“Device” means the meter used to measure Delivered Quantity.

“Dissolution” means the dissolving and termination of the Commission pursuant to the RWC Act and the terms and conditions of the IGA.

“Effective Date” means the date on which this Agreement is approved by the Commission, as shown in the first paragraph on page 1 of this Agreement, following approval by the Charter Members.

“Estimated Buildout Declared Maximum Day Demand” means the amount of Water that a Member determines is the estimated amount to be necessary to meet the Member’s Full Water Requirements when the Member is at full community build-out.

“Expansion” means an expansion, extension or improvement to the Commission System that increases Capacity other than (i) the construction of the initial Commission System, (ii) any Special Benefit Improvements as described in Section 6.7(h), and (iii) Minor Upgrades.

“Expansion Budget” means a budget of the Commission containing all Capital Costs, Debt Service and Costs of Financing for an Expansion.

“Fiscal Year” means the Commission’s fiscal year.

“Force Majeure” means acts of God, strikes, lockouts or other industrial disturbances, acts of public enemy, orders of any kind of the Government of the United States, of the State of Illinois, or of any civil or military authority, insurrections, riots, epidemics, pandemics, landslides, lightning, earthquakes, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraints of government and people, civil disturbances, explosions, breakage or accidents to machinery, canals, or tunnels, partial or entire failure of Water supply, and inability on the part of the Commission to deliver Water hereunder, or of any Member to receive Water hereunder, and inability of the Commission to borrow money to finance the Program or the acquisition and construction of the Commission System.

“Full Water Requirements” means the amount of water necessary, from time to time, to meet the potable water requirements of all then-current customers served by the Municipal System

of a Member (including public use, where applicable), whether such customers are within or outside the corporate limits or applicable service area of such Member.

“IC Act” means the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*

“IDNR” means the Illinois Department of Natural Resources or the successor to its responsibilities for allocation of Water.

“IEPA Permitted Capacity” means the rated capacity of an element of the Commission System as provided on a permit issued by the Illinois Environmental Protection Agency.

“IGA” means the “Intergovernmental Agreement to Establish the Grand Prairie Water Commission” dated _____, 2024, as amended from time to time.

“Improvement” means an improvement to the Commission System that does not increase Capacity other than (i) the construction of the initial Commission System, and (ii) any Special Benefit Improvements as described in Section 6.7(h).

“Maximum Day Demand” means the largest volume of water in a single day in a calendar year, expressed in units of flow rate (volume per time).

“Member” means all municipalities that are Charter Members or that become Additional Members of the Commission pursuant to the IGA. The term “Members” does not include municipalities that have withdrawn from the Commission pursuant to the IGA. Member or Members does not include Customers.

“Member’s Adjusted Share” means, for each Member, the adjusted share of Capital Costs, and Debt Service and Costs of Financing, as applicable, as described in Section 6.7(b)(i).

“Member’s Adjusted Percentage Share” means, for each Member, the adjusted share of Capital Costs, and Debt Service and Costs of Financing, as applicable, expressed as a percentage, as described in Section 6.7(b)(ii).

“Member’s Payment Share” means, for each Member, the amount of Capital Costs, and Debt Service and Costs of Financing, as applicable, to be paid by the Member, as described in Section 6.7(b)(iii).

“MGD” means million gallons per day.

“Minor Upgrade” means an improvement to the Commission System that increases Capacity other than (i) the construction of the initial Commission System, (ii) any Special Benefit Improvements as described in Section 6.7(h), (iii) addition of a new pumping station or expansion of an existing pumping station building or structure, and (iv) an Expansion.

“Municipal System” means the waterworks or combined waterworks and sewage system of a Member.

“Operation and Maintenance Costs” means all expenses described in Section 6.4 and the accumulation of reserves related to payment of such costs.

“Peaking Factor” means Maximum Day Demand divided by Average Day Demand, with both measured in the same units.

“Point of Delivery” means the point that is ten (10) feet downstream of the first valve located on the combined discharge line downstream of the Water Delivery Structure at which the Commission System will deliver Water to a Municipal System, as shown in Exhibit E.

“Preliminary Agreement” means that certain Preliminary Agreement Regarding Formation of a Regional Water Commission dated February 22, 2022 by and among the Village of Channahon, the City of Crest Hill, the City of Joliet, the Village of Minooka, the Village of Romeoville, and the Village of Shorewood, as amended.

“Program” means all activities necessary for design, acquisition, construction, start-up and commissioning of the initial Commission System consistent with the Basis of Design, and also includes certain items necessary for the delivery of Water which will be designed and constructed by the Commission and for which the cost of construction will be paid by the City of Chicago and which will be owned by the City of Chicago pursuant to the Chicago Water Supply Agreement.

“Program Budget” means a budget of the Commission containing all Capital Costs, Debt Service and Costs of Financing including for (a) the Program (other than those for which the cost of construction will be paid by the City of Chicago and which will be owned by the City of Chicago pursuant to the Chicago Water Supply Agreement), (b) Advanced Development Costs, and (c) Advanced Construction Costs.

“Program Management Agreement” means the “Intergovernmental Agreement for Program Management,” dated _____ 2024 as it may be amended from time to time, between the Commission and the City of Joliet for the management of the Program.

“Projected Average Day Demand” means an estimate of the Average Day Demand of a Member for one or more future years.

“Projected Maximum Day Demand” means an estimate of the Maximum Day Demand of a Member for one or more future years.

“Retail” means, in connection with the sales of water, the sale of water to a person or entity that will be the final user or consumer of the water.

“Reserve Costs” means all costs and expenses described in Section 6.5 for the accumulation of reserves.

“RWC Act” means the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.*, as amended from time to time.

“Special Benefit Improvements” means those improvements to the Commission System for the benefit of certain Members, as described in Section 6.7(h).

“Targeted Water Delivery Date” means May 1, 2030, unless amended or modified as provided in this Agreement.

“Term” means the period described in Section 3.1.

“Total Water Use” means the total amount of Water from any source used by a Member for a specified period of time.

“Trustee” means a trustee for the benefit of the holders of Bonds who is appointed as provided in any Bond Resolution or Bond Indenture.

“Water” means Lake Michigan water.

“Water Delivery Structure” means the improvements at which Water delivered by the Commission System to a Municipal System will be received by the Member and the Delivered Quantity will be measured by the Devices, as shown in Exhibit E. The Water Delivery Structure includes, without limitation, structures, equipment, control valves, Devices, and piping and appurtenances necessary for delivery, receipt and measurement of Water.

“Wholesale” means, in connection with the sales of water, the sale of water to an entity that will re-sell the water to others.

(b) References to Provisions and Exhibits. All references in this Agreement to an Article, Section, Subsection or Exhibit mean and refer to an Article, Section, Subsection of or Exhibit to, this Agreement, unless otherwise expressly provided.

(c) Article and Section Headings; Other Headings. Article headings, Section headings or other headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

(d) Successor Statutes and Regulations. If substantive provisions of statutory or regulatory provisions referred to in this Agreement are relocated to another reference, such as due to a recodification of laws, the Parties intend that such references will mean and refer to the statutory or regulatory provisions at their new locations.

ARTICLE 3 TERM AND RENEWAL

Section 3.1. Effective Date; Term.

This Agreement shall be in force and effect for a period that shall begin on the Effective Date and end on December 31, 2123.

Section 3.2. Renewal Process.

The Parties agree to begin negotiation of a succeeding Water Supply Agreement not later than five (5) years prior to the end of the Term of this Agreement.

Section 3.3. Commission Obligations.

The Commission's obligation to furnish water upon the termination of any agreement with a water supplier, such as the City of Chicago, shall be contingent on the ability of the Commission to enter into an extension or replacement of that agreement or otherwise arrange for an alternate supply of water.

Section 3.4. Amendment of this Agreement or the Chicago Water Supply Agreement.

(a) Except for revisions and adjustments otherwise expressly provided for, neither this Agreement nor the Chicago Water Supply Agreement may be changed, modified or amended, and the Chicago Water Supply Agreement shall not be renewed or terminated, unless the approval of the Commission and all of the Members shall have been obtained. Such approval must be evidenced by an ordinance of each Member and an ordinance of the Commission filed with the Secretary of the Commission. Such change, modification or amendment of this Agreement or the Chicago Water Supply Agreement, or the renewal or termination of the Chicago Water Supply Agreement, may be requested by any Party, in which event a joint meeting of representatives of all governing bodies of the Parties (which may include representatives of the Members other than the Commissioners and Alternate Commissioners) shall be called by the Commission and held not more than sixty (60) days after such request is made and not less than thirty (30) days after the giving of notice of such meeting. The requirements of this Section 3.4 shall not apply to any revisions, adjustments, changes, modifications or amendments to the Chicago Water Supply Agreement that are made in connection with the assignment of the Chicago Water Supply Agreement by Joliet to the Commission as provided by Section 6.4 of the IGA.

(b) No such change, modification or amendment of this Agreement or the Chicago Water Supply Agreement, or renewal or termination of the Chicago Water Supply Agreement, may (i) materially impair or adversely affect the ability or obligation under this Agreement of any Member to make payments to the Commission at the times, in the amounts, and with the priority required in order for the Commission to meet its obligations in a timely manner under this Agreement, the Chicago Water Supply Agreement, other water supply agreements of the Commission and any Bond Resolution or Bond Indenture, including by way of illustration and not limitation, the making of all deposits in various funds and accounts created under any Bond Resolution or Bond Indenture or (ii) materially impair or adversely affect the ability of the holders of Bonds or a Trustee under this Agreement or any Bond Resolution or Bond Indenture to enforce the terms of this Agreement.

(c) No such change, modification or amendment of this Agreement or the Chicago Water Supply Agreement, or renewal or termination of the Chicago Water Supply Agreement which will (i) affect the rights and interests of the holders of Bonds, or (ii) cause a violation of any provisions of any Bond Resolution or Bond Indenture, shall be made except as provided in and permitted by any Bond Resolution or Bond Indenture so long as such Bond Resolution or Bond Indenture is in effect. If the Commission should pledge or assign any of its rights under this Agreement to a Trustee in connection with the sale, issuance and payment of Bonds, then this Agreement shall not be terminated, revoked, amended or modified except as provided in and permitted by a Bond Resolution or Bond Indenture so long as such Bond Resolution or Bond Indenture is in effect. The provisions of this Section 3.4 are specifically made subject to Section 7.1(f).

ARTICLE 4 SALE AND PURCHASE OF WATER

Section 4.1. Sale and Purchase.

The Commission agrees to sell Water to each Member, and each Member agrees to purchase Water from the Commission, on the terms and subject to the conditions set forth in this Agreement.

Section 4.2. Declared Maximum Day Demand.

(a) Establishment. The Declared Maximum Day Demand of the Members of the Commission shall be included in this Agreement. Each Member has declared (i) its Declared 2050 Maximum Day Demand and (ii) its Estimated Buildout Declared Maximum Day Demand, both of which are stated in Exhibit A and may be modified pursuant to the process established in this Section. Any Additional Member shall declare the amount of its Declared Maximum Day Demand for the times required by the Commission at the time of membership. All Members shall provide updated amounts for their respective Declared Maximum Day Demand when and as required by this Agreement.

(b) Existing Capacity. The Capacity of the Commission System may be reassigned among Commission Members prior to an Expansion of the Commission System and make any required payments pursuant to the methodology in Section 6.7.

- i. Reassignment of Excess DMDD to Existing Members and Customers. If any Member determines that it no longer needs its Declared Maximum Day Demand, that Member must offer its excess DMDD to the Commission for reassignment, which amount will be offered for reassignment first to Charter Members, then to Additional Members and then to Customers. All Members wishing to include all or a portion of that excess DMDD as part of its Declared Maximum Day Demand shall notify the Commission of their requested portion of the excess DMDD. If the total excess DMDD requested is less than or equal to the excess DMDD available, then the excess DMDD shall be reassigned. If the total excess DMDD requested exceeds the total excess DMDD available, then the available excess DMDD shall be reassigned first to the requesting Charter Members in equal shares and any remaining available excess DMDD shall be reassigned to the requesting Additional Members in equal shares before any available excess DMDD is reassigned to requesting Customers.
- ii. Reassignment of Excess Due to Minor Upgrade. If a Minor Upgrade to one or more elements of the Commission System results in an increase in the IEPA Permitted Capacity of such elements and such increase or increases result in an increase in the Capacity of the Commission System, then the difference between the sum of the then-current DMDD of the Charter Members and the increased Capacity shall be reassigned to the Charter Members proportionally based on then-current Declared Maximum Day Demand unless otherwise reassigned in a manner provided in this Agreement.

- iii. Member Request for Additional DMDD. If any Member determines that it needs a quantity of Water larger than its Declared Maximum Day Demand, the Member may notify the Commission and request additional Declared Maximum Day Demand. Upon receipt of such a request, the Commission shall evaluate whether there is any available Capacity of the Commission System that is not included in another Member's or Customer's Declared Maximum Day Demand, notify the other Members and Customers and inquire if they have any excess DMDD that they will not require either on a temporary or permanent basis, and, if no addition DMDD is available, consider options for possible Minor Upgrades to or Expansion of the Commission System's Capacity.
- iv. Reassignment of Excess DMDD to Potential Additional Members or Customers. If the Commission is considering adding an Additional Member or Customer pursuant to the requirements of the IGA and Bylaws, and the potential Additional Member or Customer will require an assignment of Declared Maximum Day in order to enter into an agreement to purchase Water from the Commission, then the Commission shall notify all Members and Customers (if any) and inquire if they have any excess DMDD that they will not require either on a temporary or permanent basis and are willing to reassign for this purpose. If the amount of excess DMDD available to be reassigned is sufficient to meet the total required for the potential new Additional Member or Customer, then the Commission shall allow the excess DMDD to be reassigned. If multiple Members or Customers (if any) advise that they have an amount of excess DMDD that could be reassigned to the potential new Additional Member or Customer and the total amount of excess DMDD available exceeds the amount of DMDD required to serve the potential new Additional Member or Customer, then the Commission shall allow the Charter Members with excess DMDD to each reassign an equal amount of their excess DMDD to meet the total required for the potential new Additional Member or Customer. If the amount of excess DMDD reassigned from the Charter Members is insufficient to meet the total required for the potential new Additional Member or Customer, then the Commission shall allow the existing Additional Members with excess DMDD to each reassign an equal amount of their excess DMDD in order to meet the total required for the potential new Additional Member or Customer. If the excess DMDD reassigned from the Charter Members and Additional Members is insufficient to meet the total required for the potential new Additional Member or Customer and there are existing Customers with excess DMDD to be reassigned, then the Commission shall allow the existing Customers to each reassign an equal amount of their excess DMDD to meet the total required for the potential new Additional Member or Customer.
- v. Member Required to Obtain Additional DMDD. If regular monitoring of Member water usage indicates a Member has exceeded its then-current Declared Maximum Day Demand, the Member will be required to obtain additional DMDD through the reassignment process in Subsection i above or a temporary sharing or lending arrangement involving volunteering Members with excess Declared Maximum Day Demand and Members who have

identified a need for additional DMDD above their Declared Maximum Day Demand.

- vi. Return of Stateville-Attributed DMDD to Commission. If the Stateville Correctional Center (consisting solely of the Level 1 Stateville Correctional Center, to the exclusion of the Northern Reception and Classification Center, the Stateville Minimum Security Unit and the District 5 facility of the Illinois State Police) located in the City of Crest Hill closes in full, then Crest Hill will have the option, in its sole discretion, to return the portion of its then-current Declared Maximum Day Demand attributable to Stateville Correctional Center (as shown on Exhibit A) to the Commission and the then-current portion of the Capacity and the Capital Costs, Debt Service and Costs of Financing attributable to the returned portion of the Declared Maximum Day Demand will be allocated proportionally among the Members (including Crest Hill) based on then-current Declared Maximum Day Demand unless otherwise reallocated in a manner provided in this Agreement. Crest Hill agrees to work with the Commission in order to retain Stateville Correctional Center as a Crest Hill water customer, provided that the terms of retaining Stateville Correctional Center are equitable to Crest Hill and its other water customers. If Stateville Correctional Center closes in part, the Parties agree to discuss the reassignment of Crest Hill's Declared Maximum Day Demand attributable to the closure to all Members (including Crest Hill).
- vii. Reassignment of Reserved DMDD for Lemont. If the Village of Lemont does not enter into an agreement with the Commission as described in Section 4.13(a) by November 30, 2024, no DMDD for Lemont will be created in the Commission System. If the Village of Lemont does not exercise its option to become a Customer of the Commission (as authorized in Section 4.13(a)), then its DMDD as described on Exhibit A shall be reassigned to the Charter Members proportionally based on then-current Declared Maximum Day Demand unless otherwise reassigned in a manner provided in this Agreement.
- viii. General. If a Member receives a reassignment of DMDD pursuant to Subsections (i), (ii), (iii), or (vi) of this Subsection 4.2(b), the Commission shall determine whether delivery of additional Water to the requesting Members will be technically feasible using the then-current Commission System. If it is not technically feasible to deliver Water to the Member up to the increased amount of DMDD, as determined by the Commission, then the Member has the following options:
 - A. The Member can request modifications to the Commission System to make it technically feasible for the additional DMDD to be delivered to one of the Water Delivery Structures serving the Member. Such modifications will be considered Special Benefit Improvements and will be made at the Member's expense; or
 - B. The Member can retain the DMDD and not use it; or

- C. The Member can offer the DMDD for reassignment as excess capacity pursuant to this Subsection 4.2(b).

(c) Expansion. In the event that the Capacity of the Commission System is expanded from time to time through an Expansion, subsequent to completion of the Program, each Member will have the opportunity to adjust the amount of its Declared Maximum Day Demand based on the total Capacity of the expanded Commission System, subject to the following:

- i. Each Member of the Commission that wishes to participate can adjust its Declared Maximum Day Demand and will be required to contribute to the Capital Costs, Debt Service and Costs of Financing for the Expansion pursuant to the methodology in Section 6.7.
- ii. At the time of any Expansion of the Commission System, any Member not wishing to participate in paying for the cost of such an Expansion will not be entitled to obtain an increase in its share of Capacity resulting from the Expansion, will not be required to contribute financially, will not be eligible to receive any reallocation of Capital Costs, Debt Service and Costs of Financing amounts previously paid by the Member, and will be deemed to have waived any right of its Commissioner to vote on any matters pertaining to the design and construction of the Expansion. If a Member chooses not to participate in an Expansion and requires additional Capacity in the future and additional Capacity from an Expansion is available, that Member will be required to follow the reassignment process in Subsection 4.2(b).
- iii. Expansion shall be limited to the extent that a Member with excess DMDD is willing to transfer that excess DMDD to a Member needing additional DMDD and the delivery of such DMDD to the other Member is technically feasible.

(d) Reassignment Upon Withdrawal. In the event that a portion of the Capacity of the Commission System becomes available due to the withdrawal of a Member from the Commission, then the withdrawn Member's portion of the Declared Maximum Day Demand and the Capital Costs, Debt Service and Costs of Financing attributable to the withdrawn Member's portion of the Declared Maximum Day Demand will be allocated proportionally among the Charter Members based on then-current Declared Maximum Day Demand unless otherwise reallocated in a manner provided in this Agreement.

(e) Implementation of Reassignments. Any changes in a Member's Declared Maximum Day Demand shall be effective only if submitted to the Commission in the form of an ordinance approved by the Member's corporate authorities and approved by ordinance of the Board of Commissioners. The Commission ordinance shall include an updated Exhibit A to reflect the new Declared Maximum Day Demand amounts, which shall be included in this Agreement without further approval by the corporate authorities of the Members. No reassignment of DMDD shall be effective unless the Member or Customer receiving the reassigned DMDD agrees to assume the payment obligations under this Agreement associated with the reassigned DMDD. If a Member offers a portion of its DMDD for reassignment to another Member or Customer, the Member offering such DMDD shall continue to be responsible for all payment obligations under this

Agreement associated with such DMDD until such DMDD is reassigned to another Member or Customer which has assumed such payment obligations under this Agreement.

(f) Limit on Estimated Buildout Declared Maximum Day Demand. No Member or Customer may exceed its Estimated Buildout Declared Maximum Day Demand unless it obtains additional Estimated Buildout Declared Maximum Day Demand from another Member (or Customer, if any) pursuant to the procedures in this Section 4.2.

Section 4.3. Amount.

(a) The Commission shall sell to each Member and each Member agrees to purchase from the Commission an amount of Water necessary to serve its Full Water Requirements.

(b) By May 31 of each calendar year, each Member shall provide to the Commission its Projected Maximum Day Demand and Projected Average Day Demand for the following calendar year. These projections shall include any Wholesale water sales by the Members.

(c) The Commission System is designed to provide not less than the total of all Declared Maximum Day Demands declared by or reserved for Members and Customers from time to time as shown on Exhibit A. If the Commission System has the ability to provide more Water and sufficient Water is available to the Commission, then the Commission may sell to any Member that so desires an amount of Water in excess of its Declared Maximum Day Demand, but the Commission does not hereby guarantee a supply of such additional amounts.

(d) Each Member agrees that Water from the Commission will be its sole water source to provide the Member's Full Water Requirements from time to time, except as otherwise permitted pursuant to Section 4.7. As of the Effective Date, certain areas within the corporate limits of the Members receive a water source other than the Member, as described on Exhibit B. A Member may request a waiver from the Board of Commissioners from the requirement that the Commission be the Member's sole water source to provide the Member's Full Water Requirements based on a specific request by that Member to exclude certain territory from this requirement for a period of time authorized by the Board of Commissioners. Such a waiver may be subject to such conditions, requirements and payments as the Board of Commissioners may require. Any request for such a waiver may be approved by the Board of Commissioners.

(e) Each Member shall draw Water from the Commission System at a uniform rate of flow during the 24 hours of each day, which shall not exceed the quantity equal to lesser of the Member's Declared Maximum Day Demand or the amount allowed by the Member's maximum Peaking Factor, so long as technically feasible. Members shall notify the Commission on a daily basis as to its requested rate of flow for the day at each of its Water Delivery Structures. If a Member fails to notify the Commission of its requested rate of flow for a particular day, the requested rate of flow for that Member shall be deemed to be the same as the Member's most recent notice of its requested rate of flow.

(f) A Member shall not use Water from the Commission in amounts in excess of its maximum Peaking Factor, based on the then-current population of the Member as well as any service areas of the Member outside of its corporate limits, as follows:

Population Served	Maximum Peaking Factor
Under 25,000	2.00
25,000 to 49,999	1.80
Over 50,000	1.60

(g) Compliance of the Members shall be determined annually for each calendar year. Members shall certify to the Commission on an annual basis the following: the population that it serves within the municipal/corporate limits, as determined pursuant to Section 1-7-2 of the Illinois Municipal Code² and such other data as is available, and the population that it serves in areas outside the municipal/corporate limits based upon such data as is available. It is understood that certain conditions might result in a Member exceeding its Peaking Factor, which may include watermain breaks, fire suppression, system flush of contaminants, power outages, or other causes outside the Member's control. Members shall communicate adverse conditions to the Commission to minimize potential to impact the overall peaking factor of the Commission. Failure by a Member to comply with these maximum limits may result in an additional charge or fee to be paid by that Member, as may be determined by the Board of Commissioners.

(h) The Board of Commissioners may establish controls to minimize the Commission's Peaking Factor, which may include reasonable periodic limitations on the quantity of Water supplied to Members.

(i) The Members shall adopt by ordinance, and abide by, minimum requirements for water conservation established from time to time by the Board of Commissioners (which shall not be less than the minimum requirements established by IDNR), and require compliance by their customers with such ordinances.

(j) The Parties agree that a Member with more Declared Maximum Day Demand than it requires can agree to allow another Member to receive Water based on a portion of that Declared Maximum Day Demand on an interim basis pursuant to a sharing or lending agreement between those Members, a copy of which shall be provided to the Commission. If such an agreement is provided, and delivery of the Water to the other Member is technically feasible, the Commission will adjust the total amount of Declared Maximum Day Demand available to each participating Member in accordance with such agreement.

Section 4.4. Limits on Supply.

(a) The Commission shall use its best efforts to furnish Water to the Members as provided in Section 4.3, but its obligation hereunder shall be limited by: (i) the amount of Water available

² 65 ILCS 5/1-7-2 states in part: "Whenever in this Code any provision thereof is based upon the number of inhabitants, the number of inhabitants of the municipality shall be determined by reference to the latest census taken by authority of the United States or this state, or of that municipality. It is the duty of the Secretary of State, upon the publication of any state or United States census or the certification of any municipal census referenced under Section 1-7-1, to certify to each municipality the number of inhabitants, as shown by that census. In the event that a partial census is conducted pursuant to Section 1-7-1, the Secretary of State shall certify the total number of inhabitants of the municipality as the number reflected by the last complete census of the municipality adjusted by the net increase or decrease reflected by the partial census...."

to the Commission from time to time; (ii) the Capacity of the Commission System; (iii) ordinary transmission loss, including standard metering error, between the Commission's source of supply and the Points of Delivery; (iv) the ability of the Commission System to furnish the Water without adverse effects to the operation of the Commission System, such as a drop in pressure in the Commission System to levels below the requirements of applicable law; and (v) matters beyond the reasonable control of the Commission which prevent delivery of Water to any Member at a Point of Delivery.

(b) The Commission shall not enter into contracts with Additional Members and Customers that would cause the Commission to be obligated to sell Water in excess of the least of: (i) the Commission System's Capacity; (ii) the maximum amount of Water available to it under the Chicago Water Supply Agreement; or (iii) an amount which would decrease the amount of Water then being supplied or to be supplied in the future to the Members pursuant to this Agreement and to Customers pursuant to agreements between the Commission and such Customers.

Section 4.5. Maintenance, Emergencies, and Impact on Quantities and Curtailment.

The Commission and each of the Members agree to communicate regularly about maintenance needs for, and emergencies occurring on, the Commission System and the Member's Municipal System and to coordinate their actions in a manner so as to minimize any actual or potential impact on the supply of Water from the Commission System to the Members' Municipal Systems and to minimize the actual or potential impact of the operation of the Members' Municipal Systems on the Commission System.

(a) Commission Planned Maintenance. The Members understand that as part of the operation of the Commission System, the Commission will perform planned maintenance on the Commission System that may or will affect the delivery of Water to the Members from time to time. Planned maintenance includes four categories, which are defined as follows:

i. Level One Maintenance. Level One Maintenance is planned maintenance by the Commission that may or will cause the Commission to be unable to deliver the Declared Maximum Day Demand to one or more of the Members but the Commission will be able to deliver the Projected Maximum Day Demand for the affected Members during such maintenance. The Commission shall notify the affected Members that it plans to perform Level One Maintenance not less than two (2) Business Days prior to commencement of such work.

ii. Level Two Maintenance. Level Two Maintenance is planned maintenance that may or will cause the Commission to be unable to deliver the Projected Maximum Day Demand for the affected Members but the Commission will be able to deliver to each affected Member the amount of the Member's Projected Average Day Demand during such maintenance. The Commission shall notify the affected Members that it plans to perform Level Two Maintenance not less than thirty (30) days prior to commencement of such work. The Commission will perform all Level Two Maintenance within a timeframe consistent with the Water storage capacity of the affected Members and any Wholesale purchasers of the affected Members.

iii. Level Three Maintenance. Level Three Maintenance is planned maintenance that may or will cause the Commission to be unable to deliver the Projected Average Day Demand for the affected Members from the Member during all or any portion of such maintenance. The Commission shall notify the affected Members that it plans to perform Level Three Maintenance not less than ninety (90) days prior to commencement of such work. The Commission will perform all Level Three Maintenance within a timeframe consistent with the Water storage capacity of the affected Members and their Wholesale purchasers.

iv. Level Four Maintenance. Level Four Maintenance is planned maintenance that may or will cause the Commission to be unable to deliver the Projected Average Day Demand for the affected Members during such maintenance, and that cannot be performed within a timeframe consistent with the Water storage capacity of the affected Members. The Commission shall notify the affected Members that it plans to perform Level Four Maintenance not less than six (6) months prior to commencement of such work. The Commission shall meet with the affected Members during the planning and performance of all Level Four Maintenance so as to minimize the impact of the Commission's inability to deliver the Projected Average Day Demand for the affected Members during such maintenance. The Commission shall take such actions, including without limitation making and expediting repairs or adjustments, as are necessary to restore delivery to the affected Members of the Water required to be furnished pursuant to this Agreement.

Notices of planned maintenance that the Commission is required to provide under this Section 4.5 shall comply with the requirements of Subsection 4.5(b). Members are prohibited from selling water for emergency water supply to non-Members when the Commission has limited or curtailed the Delivered Quantity to one or more Members, as provided in Section 4.12(b).

(b) Content of Notices by the Commission. All notices required to be given by the Commission to the affected Members regarding maintenance pursuant to this Section 4.5 shall include at least the following information:

- i. a description of the maintenance and the reason why it is required;
- ii. the anticipated impact on the supply of Water to the affected Members;
- iii. the anticipated duration of the maintenance;
- iv. the quantity of Water that the Commission will be able to supply to the affected Members during, and following completion of, the maintenance; and
- v. the anticipated commencement and completion dates for the maintenance.

(c) Emergency, Failure or Malfunction in the Commission System. If, from time to time and for any reason, including without limitation emergency, failure or malfunction in the Commission System, the Commission is unable to furnish to any of the Members their Projected Maximum Day Demand, the Commission shall notify the affected Members thereof and use due diligence to operate the Commission System during any such occurrence to provide Water to the affected Members insofar as practicable and shall, as promptly as possible, take such actions,

including without limitation making and expediting repairs or adjustments, as are necessary to restore delivery to the affected Members of the Water required to be furnished pursuant to this Agreement. The Commission shall have the right to restrict the supply of Water to the affected Members during such time in order to ensure an adequate Water supply to all Members and Customers for public health and fire protection. The Commission shall provide an initial notice to the affected Members as soon as practicable after discovery regarding the Commission's inability to furnish the Members' Declared Maximum Day Demand to the affected Members and the scope and extent of the known limitations. Promptly after assessment of such inability, the Commission shall provide notice to the affected Members containing at least the following information necessary to restore delivery to the affected Members of the Water to be furnished pursuant to this Agreement:

- i. a description of the causes of the Commission's inability to furnish the Members' Declared Maximum Day Demand to the affected Members;
- ii. the anticipated impact on the supply of Water to the affected Members;
- iii. the actions necessary to restore delivery to the affected Members of the Water to be furnished pursuant to this Agreement;
- iv. the quantity of Water that the Commission will be able to supply to the affected Members during, and following completion of, the actions necessary to restore delivery to the affected Members of the Water to be furnished pursuant to this Agreement; and
- v. the anticipated commencement and completion dates for the actions described in the notice.

(d) Members' Planned Maintenance. The Commission understands that as part of the operation of their respective Municipal Systems, each Member will perform planned maintenance on its respective Municipal System that may or will affect the ability of the Member to accept delivery of Water from the Commission from time to time and will coordinate the delivery of Water to that Member to take into account any needs for an increased or reduced rate of delivery of Water (which may include delivery of Water to another Water Delivery Structure of the Member, if hydraulically possible) prior to, during and after such maintenance.

(e) Content of Notices by Members. Each Member shall notify the Commission that it plans to perform planned maintenance on its Municipal System not less than thirty (30) days prior to commencement of such work. All notices required to be given by the Member to the Commission regarding maintenance pursuant to this Section 4.5 shall include at least the following information:

- i. a description of the maintenance and the reason why it is required;
- ii. the anticipated impact on its Municipal System operations and receipt of Water by the Member;
- iii. the anticipated duration of the maintenance;

- iv. the quantity of Water that the Member will be able to receive from the Commission during, and following completion of, the maintenance; and
- v. the anticipated commencement and completion dates for the maintenance.

The Commission shall review all such notices and notify any other Members whose Municipal System may be affected by the planned maintenance by another Member on its Municipal System.

(f) Emergency, Failure or Malfunction in a Municipal System. If, from time to time and for any reason, including without limitation emergency, failure or malfunction in a Member's Municipal System, the Member is unable to receive delivery of the Member's Declared Maximum Day Demand, the Member shall notify the Commission thereof. The Member shall use due diligence to operate its Municipal System during any such occurrence to receive Water from the Commission at an increased or reduced rate of delivery of Water (which may include delivery of Water to another Water Delivery Structure of the Member, if hydraulically possible) prior to, during and after such repairs and adjustments insofar as practicable. The Member shall provide an initial notice to the Commission as soon as practicable after discovery regarding the Member's inability to receive the Member's Declared Maximum Day Demand and the scope and extent of the known limitations. The Member shall, as promptly as possible, take such actions, including without limitation making and expediting repairs or adjustments, as are necessary to restore the ability of its Municipal System to receive delivery from the Commission of the Member's Declared Maximum Day Demand. Promptly after assessment of such inability, the Member shall provide notice to the Commission containing at least the following information necessary to restore the Member's ability to receive delivery from the Commission of the Member's Declared Maximum Day Demand:

- i. a description of the causes of the Member's inability to receive the Member's Declared Maximum Day Demand to be delivered by the Commission;
- ii. the anticipated impact on the Member's Municipal System operations and supply of Water received by the Member;
- iii. the actions necessary to restore the Member's ability to receive delivery from the Commission of the Water to be furnished pursuant to this Agreement and the anticipated duration of these actions;
- iv. the quantity of Water that the Member will be able to receive from the Commission during, and following completion of, the actions necessary to restore the Member's ability to receive delivery from the Commission of the Water to be furnished pursuant to this Agreement;
- v. any anticipated impact, if any, on the Commission System; and
- vi. the anticipated commencement and completion dates for the actions described in the notice.

Section 4.6. Storage.

Each Member shall maintain not less than the same quantity of water storage capacity that it has in place as of the Effective Date through December 31, 2039 and shall provide and maintain water storage in an amount equal to at least two times its daily allocation amount in the Member's Allocation not later than January 1, 2040 and during the remainder of the Term of this Agreement. In the event of a curtailment of water supply that lasts longer than the available Water storage during the period prior to January 1, 2040, the Members shall be responsible to obtain water from existing storage as well as from an alternative water source other than the Water provided by the Commission. Members will not receive credit toward this requirement through an allocation of storage from the Commission System. Upon request from the Commission, each Member shall provide to the Commission a report of its total storage capacity and the storage capacity of any of its Wholesale customers, including the type of water storage facilities used in calculating its storage capacity.

Section 4.7. Emergency Use of Other Sources.

(a) If it becomes necessary for the Commission to limit its delivery of Water to its Members for any reason, during such period of curtailment each Member, to the fullest extent possible, shall be entitled to receive during such period of curtailment its pro-rata share of Water available as determined by the ratio of its total Delivered Quantity during the prior Fiscal Year to the sum of the Delivered Quantities during the prior Fiscal Year of all Members and Customers entitled to Water. During such period of time when the Commission is unable to supply Water to the Members, the Members may receive water from other providers for water service in any amount and from any source in order to supply the Members, subject to applicable laws and regulations; during any other period of time, the Members shall not receive water from other providers.

(b) Nothing in this Agreement shall be construed to prohibit each Member from serving its customers in cases of emergency, or when the Commission for whatever reason is unable to meet such Member's Full Water Requirements, from any source including wells owned by such Member and maintained for emergency use. Each Member should have access to an alternate water supply source or sources in the event that an outage in the Commission Water supply exceeds two (2) days, consistent with Section 4.13.

Section 4.8. Delivery and Title.

(a) The Commission shall deliver Water to each Member through Points of Delivery at the Water Delivery Structures for that Member. The approximate locations for the primary, non-primary and proposed future Water Delivery Structures shall be provided in writing to the Commission by each Member immediately following the Member's execution of this Agreement. However, a Member may receive delivery of Water from the Commission at a Water Delivery Structure receiving Water for that Member via the Municipal System of another Member pursuant to an agreement approved by the Board of Commissioners and the corporate authorities of the Members participating in such a delivery method. The Parties acknowledge that as of the Effective Date, the Village of Channahon will receive Water at its secondary Water Delivery Structure and Point of Delivery pursuant to such an agreement with the City of Joliet.

(b) Title to Water delivered under this Agreement shall pass from the Commission to the Member at the Point of Delivery.

(c) The Water Delivery Structures described in this Section are part of the Commission System. The Water Commission will design, construct, own, operate and maintain all Members' primary and additional Water Delivery Structures and Points of Delivery. The Water Delivery Structures and Points of Delivery described in this Section, and any replacement or improvement of them, shall generally conform to the requirements of the Basis of Design.

(d) Each Member shall have a primary Point of Delivery and Water Delivery Structure and may have additional Points of Delivery and Water Delivery Structures. A single Water Delivery Structure, together with its related Point of Delivery and Connecting Main, for each Member will be designated as the primary Point of Delivery for that Member and will be designed and constructed at the cost of the Commission at the location provided by the Member pursuant to Subsection (a) of this Section. Additional Water Delivery Structures, together with their related Points of Delivery and Connecting Mains, to serve Members shall also be designed and constructed pursuant to Subsection (a), and the costs of design and construction of those additional Water Delivery Structures and Points of Delivery and Connecting Mains will be paid by the Member in accordance with Section 6.7.

(e) Future Water Delivery Structures and Points of Delivery and Connecting Mains, other than those at locations provided to the Commission pursuant to Subsection (a) of this Section, may be established upon the mutual agreement of the Commission and the Member and shall also generally conform to requirements of the Basis of Design. Any such future Water Delivery Structures and Points of Delivery, other than those identified pursuant to Subsection (a) of this Section, shall be located at points of the Commission System that do not negatively impact Water service to any of the Members. Such additional Water Delivery Structures and Points of Delivery and Connecting Mains shall be designed, constructed, owned, operated and maintained by the Commission and the costs of such design and construction shall be paid by the Member.

Section 4.9. Quality.

(a) General. Water quality within the Commission System will be managed by the Commission. Water delivered by the Commission to the Members at the Points of Delivery shall be consistent with the applicable standards of any Federal and State agencies with jurisdiction over the operation of public water supplies. The Commission bears no responsibility for the contamination of Water or deterioration of Water quality occurring downstream of the Points of Delivery. Water quality beyond the Points of Delivery to each Member is the responsibility of that Member.

(b) Surge or Backflow. Each Member shall operate its Municipal System so as to not cause a surge or backflow into the Commission System or cause pressure in the Commission System to drop below 20 psi or such higher pressure as required by law. The Water Delivery Structure and Point of Delivery will include a flow control valve with sustaining and check features. Unless otherwise provided by the Board of Commissioners, (i) the flow control valve will be set by the Commission operator at the flow requested by the Member pursuant to this Agreement, and (ii) if the Municipal System has a surge or backflow which causes reversal of flow in the flow control valve, the valve will close. The Commission shall not be responsible for any damage to the Municipal System caused by design, operation or maintenance of the Member's Water Delivery Structures, Points of Delivery and Connecting Mains.

(c) Protection of Water Systems. The Commission shall operate the Commission System, and each Member shall operate its respective Municipal System, in such a manner as at no time (i) to place the Commission, or the Commission System, or any Member, or the Member's Municipal System, in jeopardy of failing to meet the regulations of any federal, State, or local agency or governmental authority having jurisdiction over the operation of the Commission System or each Municipal System, as applicable, from time to time, and (ii) to cause damage to the Commission System or a Municipal System, respectively.

(d) Emergency Events. The Parties shall notify other Parties as provided in Subsection (e) of this Section in the event of:

- i. any failure of the Water in the Commission System or a Member's Municipal System to meet the applicable standards of any federal, State or local agency with jurisdiction over public water supplies, or if said Water exhibits changes in taste, odor, texture or appearance;
- ii. an emergency due to a failure, malfunction or catastrophic event that will materially impact the quality of Water supplied by the Commission to the Members; or
- iii. any emergency, threat or other condition that could reasonably be expected to affect the quality of Water within either the Commission System or one or more of the Members' Municipal Systems.

(e) Notices Required. If the Commission identifies an emergency event described in Subsection (d) of this Section that affects the Commission System and the quality of Water delivered by the Commission, the Commission shall provide an initial notice to any potentially affected Members, and if a Member identifies an emergency event described in Subsection (d) of this Section that affects its Municipal System and may affect the quality of Water in the Member's Municipal System or the Commission System, that Member shall provide an initial notice to the Commission. The Commission shall notify other Members about a notice received from a Member under this Section if the information in the notice may affect the Municipal System or Water supplied to the Municipal System of the other Members. In each case, notice shall be given as soon as practicable after discovery of any of the Water quality conditions described in Subsection (d) and, to the extent known, the scope and extent of the identified conditions. Promptly after assessment of the Water quality conditions, the Party providing the initial notice shall provide a second notice to the Party originally notified containing at least the following information regarding restoration of Water quality and describing the actions necessary to address the conditions identified:

- i. a description of the causes of the Water quality conditions identified;
- ii. the anticipated impact on either of the following, as applicable: (A) the ability of the Commission to provide Water to one or more Members that meets the requirements of this Agreement or (B) the Commission System due to an emergency or other condition of a Member's Municipal System;

- iii. the actions necessary to, as applicable, (A) restore delivery to the Member of Water that meets the requirements of this Agreement or (B) address the emergency or other condition in the Member's Municipal System that may affect Water quality in the Commission System or a Member's Municipal System, and the anticipated duration of these actions;
- iv. if the identified Water quality conditions will cause a reduction in either (A) the quantity of Water provided by the Commission to the Members, or (B) a Member's ability to accept Water from the Commission, then the notice shall state the quantity of Water that the Commission anticipates it will be able to supply to the Members, or the quantity of Water that the Member anticipates it will be able to receive from the Commission, as applicable, for the period during and following completion of the actions necessary to restore delivery to the Members of the Water to be furnished pursuant to this Agreement; and
- v. the anticipated commencement and completion dates for the actions described in the notice.

(f) Mutual Water Quality Assistance. The Commission may request assistance from one or more Members, and one or more Members may request assistance from the Commission, in connection with matters pertaining to or affecting Water quality. As part of providing assistance to the other Party, the Party that receives a request to provide assistance may, with consent from and prior notice to, the other Party:

- i. make inspections of portions of the Commission System or the Municipal Systems of the requesting Members which may affect the quality of the Water supplied to the Members; and
- ii. perform relevant tests on a Water sample drawn from the Commission System or the Municipal Systems of the requesting Members.

Section 4.10. Initial Water Delivery; Water Source Transfer Plan Implementation.

(a) Initial delivery of Water by the Commission to Members at or around the time of completion of the initial Commission System is anticipated to be provided in phases in order to allow the orderly commencement of Water service from Chicago to the Commission and from the Commission to the Members. The Commission will provide a proposed sequence and schedule for the phasing of commencement of Water service to the Members.

(b) The Commission agrees to provide assistance to the Members in connection with the implementation of the Member's water source transfer plan, including (i) provision of Water to the Members' consultant for testing to assist in determining the manner of transition from well water to Water (i.e., the development of a water source transfer plan), and (ii) provision of Water for flushing of Member Municipal Systems (which may not be at a uniform rate of flow) and provision of Water quality information regarding chlorine and orthophosphate levels in the Water, in support of water source transfer from well water as the Member's water source to Water as the Member's water source, upon commencement of initial delivery of Water to the Member.

Section 4.11. Obligation.

The obligation of the Commission to sell Water to the Members in the amounts specified in this Article shall be contingent upon the Commission completing and placing into service the Program, pursuant to Section 7.1.

Section 4.12. Resale By Members.

(a) As of the Effective Date, in addition to its Retail customers located within its municipal corporate limits, each Member may be providing water supply to customers who (i) purchase water on a Wholesale basis, (ii) are located outside the Member's municipal corporate limits and purchase water from the Member on a Retail basis, and (iii) have emergency interconnection agreements or other similar arrangements with another water supplier. As of the Effective Date, the customers to whom the Members provide water in the categories of items (i), (ii) and (iii) above are as shown on Exhibit C, and those Members are authorized to continue to provide water to those customers under this Agreement.

(b) The sale of Water by Members shall be governed by the following:

- i. Members are authorized to sell Water at Retail within their municipal corporate limits.
- ii. A Member is permitted to sell Water at Retail outside its municipal corporate limits, as long as the amount of Water resold is within the Member's Declared Maximum Day Demand.
- iii. A Member cannot sell Water at Wholesale or Retail without written approval of the other Member within (A) another Member's municipal corporate limits; (B) areas subject to a then-current boundary agreement in which another Member is the designated municipality to which the area would be annexed; or (C) areas within another Member's planning area as established pursuant to Division 12 of Article 11 of the Illinois Municipal Code, 65 ILCS 5/11-12-1 *et seq.* After a municipality has annexed territory, that annexed territory can no longer be considered part of another municipality's planning area, even though that territory may be shown on planning maps and documents of another municipality as part of its planning areas.
- iv. A Member is permitted to sell Water to Wholesale customers within or outside its municipal/corporate limits, as long as the amount of Water resold is within the Member's Declared Maximum Day Demand and written consent of another Member is obtained where required by item (iii) of this Subsection (b).
- v. Customers cannot sell Water to any party or entity that will be a Wholesale customer of the Customer.
- vi. Members are permitted to enter into agreements for emergency interconnections for emergency water supply, which may be on a Wholesale basis; provided, however, that unless expressly authorized by the Board of Commissioners, Members are prohibited from selling water for emergency water supply to non-Members when the Commission has limited or curtailed

the Delivered Quantity to one or more Members pursuant to Sections 4.5 or 4.7 or at times when the Commission establishes controls to minimize peaking factor.

(c) Within sixty (60) days after the Effective Date, each Member shall provide to the Commission copies of any water supply agreements or other agreements affecting its provision or receipt of water (other than the provision of water to its Retail customers within its municipal corporate limits). During the Term, each Member shall provide to the Commission copies of all water supply agreements and any amendments and addenda to each such agreement, entered into between the Member and any Member, or with any non-Member person or entity, within thirty (30) days after execution of such agreements or any amendments or addenda to such agreements.

Section 4.13. Sale By the Commission to Non-Members.

(a) The Commission cannot sell water without written approval of the affected Member (a) to Retail customers of any Member; (b) within a Member's municipal corporate limits (other than as expressly permitted in this Agreement); or (c) within areas subject to a then-current boundary agreement in which a Member is the designated municipality to which the area would be annexed; or (d) within areas within a Member's planning area as established pursuant to Division 12 of Article 11 of the Illinois Municipal Code, 65 ILCS 5/11-12-1 *et seq.* The addition of a non-Member Wholesale or Retail Customer of the Commission (other than for purposes of emergency interconnection and emergency water supply) shall require approval by the Board of Commissioners by unanimous vote and approval by each Member's corporate authorities (which need not be by unanimous vote). By approval of this Agreement, the Members agree that the Commission may sell Water to the Village of Lemont as a non-Member Customer in amounts not to exceed those shown as reserved for the Village of Lemont on Exhibit A, but only if the Village of Lemont enters into a written agreement with the Commission no later than November 30, 2024 that (i) includes agreed-upon terms for the Commission's development of the property located at 12550 Bell Road in Lemont and (ii) establishes an option for the Village of Lemont to enter into a water supply agreement to purchase Water from the Commission. This option shall terminate on December 31, 2040. The terms of such water supply agreement shall be acceptable to and approved by the Board of Commissioners and approval by each Member's corporate authorities shall not be required.

(b) The Commission is not prohibited from entering into cooperative arrangements with other suppliers of water for emergency interconnection and emergency water supply purposes, provided that these arrangements do not interfere with the delivery of Water to the Members.

(c) The Commission shall not supply Water except pursuant to a written contract. No agreement to provide Water to Additional Members or Customers shall contain rates, charges or terms lower or more favorable than those provided in this Agreement to Charter Members. All such agreements shall conform to the requirements of and be governed by the IGA.

(d) This Section is qualified by the Commission's legal duty to charge for such service fair and equitable rates. It is the intent of the Commission in entering into this Section to recognize: (i) that the Charter Members, solely, enable the Commission to proceed to construct the Commission System; (ii) the Parties other than the Commission need to be induced to become Charter Members and that this provision is an express inducement; and (iii) that by its essential

design in accordance with good engineering practice, the Commission System must be built in many ways sufficient upon initial completion to serve those who become Charter Members and will pay for the Commission System from the start of acquisition and construction with limited additional capacity for service to the Customer as described in Subsection (a).

ARTICLE 5 MEASUREMENT

Section 5.1. Measurement Basis for Delivered Quantity.

Delivered Quantity to each Member shall be based on readings of the Devices or on estimates made pursuant to Section 5.5. The readings of such Devices for the purpose of computing the Member's share of certain costs shall be recorded by the Commission as of the last day of each calendar month.

Section 5.2. Water Delivery Structures.

(a) The Commission shall furnish, install, own, operate, maintain, repair and replace, at its own expense (except where otherwise provided in this Agreement), the Water Delivery Structures, Points of Delivery and Connecting Mains, including (a) the necessary equipment and Devices of a type meeting the standards of the American Water Works Association for measuring properly the Delivered Quantity under this Agreement, and (b) such structures as the Commission shall deem necessary to house such equipment and Devices. Such Devices and Water Delivery Structures and Connecting Mains so installed and constructed shall remain the property of the Commission.

(b) Such Water Delivery Structures, Points of Delivery and Connecting Mains shall be located at sites selected and provided by each Member, respectively, for Water delivered to it. Such sites shall be subject to review and approval by the Commission, which approval shall not be unreasonably withheld. Each Member shall grant to the Commission a property interest in each respective site sufficient to enable the Commission to install, use, operate and maintain such Water Delivery Structures, Points of Delivery and Connecting Mains during the Term of this Agreement. The Commission shall have access to such Water Delivery Structures, Points of Delivery and Connecting Mains for examination and inspection at all reasonable times, and the reading for billing purposes, calibration and adjustment thereof shall be done only by the employees or agents of the Commission who may be accompanied by employees or agents of the Member. Access by the Member to such Water Delivery Structures, Points of Delivery and Devices, and Connecting Mains shall be only after notice to the Commission of a need for access provided not less than two Business Days prior to the date and time for which access is requested and only when accompanied by a Commission employee or agent.

Section 5.3. Check Meters.

A Member may, at its option and its own expense, install and operate a check meter to check each Device installed by the Commission, but the measurement of Water for the purpose of this Agreement shall be solely by the Commission's Devices, except in the cases specifically provided in this Agreement to the contrary. All such check meters shall meet the standards of the American Water Works Association for measuring properly the Delivered Quantity and the margin of error identified by the manufacturer of the check meters shall not be greater than the margin of error of the Devices. All check meters shall be subject to inspection and examination by any

employee or agent of the Commission at all reasonable times, but the calibration and adjustment thereof shall be made only by such Member (by a company qualified in the calibration of meters of the size and type involved, which company has been approved by the Commission), except during any period when a check meter may be used under the provisions of this Agreement for measuring the Delivered Quantity, in which case the calibration and adjustment thereof shall be made by the Commission with like effects as if such check meter had been furnished and installed by the Commission.

Section 5.4. Calibration.

At least once in each Fiscal Year, the Commission shall calibrate its Devices measuring Water delivered to a Member at the Commission's expense, which shall be performed following reasonable notice to the Member and in the presence of a representative of the Member if such Member notifies the Commission that it wishes to have a representative present. The Commission and such Member (if present) shall jointly observe any necessary adjustment so that it will provide accurate readings. If any check meters have been installed, at least once in each Fiscal Year, such meters shall be calibrated by the Member at the Member's expense following reasonable notice to the Commission in the presence of a representative of the Commission and the Commission and such Member shall jointly observe any necessary adjustment. Annual calibration of Devices and check meters shall be performed during regular business hours.

Section 5.5. Variation Between Meters; Reconciliation.

(a) In addition to the requirements of Sections 5.3 and 5.4, if the Commission or any Member at any time observes a variation between a Device and a check meter (if any such check meter has been installed) or any other evidence of Device or check meter malfunction, such Party shall promptly notify the other Party. If the Commission discovers such variation, then the Commission shall notify the affected Member, and if a Member discovers such variation, then that Member shall notify the Commission. The Commission and such Member shall then cooperate to procure an immediate calibration test of and adjustment to their respective Device or check meter so that it will provide accurate readings and shall jointly observe any such adjustment. Notice of all tests of Devices and check meters (which tests shall be conducted during regular business hours) shall be provided by the owner of the Device or check meter being tested so that the Commission or the affected Member, as applicable, may conveniently have a representative present. If said representative is not present at the time set in such notice, calibration and adjustment may, notwithstanding any other provision of this Section, proceed in the absence of such representative.

(b) If, upon any test, the percentage of inaccuracy of any Device is found to be registering outside of the margin of error identified by the manufacturer for that Device, the Delivered Quantity shall be based upon readings of the check meter so long as it has been calibrated and reading within the margin of error within the previous twelve (12) months. If the Member does not have a check meter or the check meter has not been calibrated and is not reading within the margin of error of the manufacturer, then the Delivered Quantity cannot be determined and must be estimated pursuant to subsection (c) below.

(c) If, for any reason, any Devices and check meters are out of service or out of repair so that the Delivered Quantity cannot be ascertained or computed from the reading thereof based on the requirements of (b) above, the Delivered Quantity shall be estimated (i) by correcting the error if the percentage of the error is ascertainable by calibration tests or mathematical calculations or

(ii) if the error is not ascertainable by calibration tests or mathematical calculations, by estimating the Delivered Quantity by considering deliveries during preceding periods under similar conditions when the Device or Devices were registering accurately, or any other reasonable manner determined by the Commission.

Section 5.6. Records.

(a) For the purpose of this Agreement, the official record of readings of the Devices shall be created and maintained by the Commission and shall include recordings of digital or electronic readings by Commission equipment or manual readings by the employees or agents of the Commission who take the readings if performed manually. The Commission will provide readings to Members on the monthly invoice, which shall be the official record provided to the Members.

(b) The Commission will share with each Member the readings of the Devices to that Member's Water Delivery Structures and Points of Delivery and each Member with a check meter will share the readings of each such check meter with the Commission. Where possible, such sharing of readings will be by a method that allows real-time access to the readings.

Section 5.7. Removal of Commission Water Delivery Structures.

If the Devices and Water Delivery Structures will no longer be used for the delivery of Water by the Commission to the Member, within one (1) year after the making of such determination, the Commission, at the Member's expense, shall remove all Devices and Water Delivery Structures to which such determination applies and restore the property. If the Commission fails to remove the Devices and Water Delivery Structures and restore the property, the Member affected may elect to do so at its own expense or to take title to such Water Delivery Structures if not inconsistent with the Bond Resolution and Bond Indenture.

Section 5.8. Unit of Measurement.

The unit of measurement for Water delivered shall be gallons of water, U.S. Standard Liquid Measure, and all Devices shall be so calibrated, unless the Commission and the Member otherwise agree. In the event that it should become necessary or desirable to use other units of measurement, the basis of conversion shall be that 7.48052 gallons is equal to one (1) cubic foot.

ARTICLE 6 PAYMENTS

Section 6.1. Member Payments.

Each Member agrees to pay, at the times, on the terms and subject to the conditions set forth in this Article, its share of the Commission Costs which will be the total of the following:

(a) Costs for Water supply purchased by the Commission for Water delivered to the Member as determined in accordance with Section 6.3;

(b) The Member's share of Operation and Maintenance Costs as determined in accordance with Section 6.4;

(c) The Member's share of Reserve Costs as determined in accordance with Section 6.5;

(d) The Member's share of Commission Administration Costs as determined in accordance with Section 6.6;

(e) The Member's share of Capital Costs, Debt Service and Costs of Financing as determined in accordance with Section 6.7;

(f) The Member's share of Default Costs as determined in accordance with Section 6.8; and

(g) The Member's costs for less than Full Water Requirements as determined in accordance with Section 6.9.

Regardless of any other provisions of this Agreement, the payments due under this Agreement, together with the payments due under the agreements with all other Members, shall at all times be sufficient (together with the other amounts available under and established by any Bond Resolution or Bond Indenture) to make all payments provided in any Bond Resolution or Bond Indenture from the revenue fund or account to the operation and maintenance fund or account, the debt service fund or account, the debt service reserve fund or account, the depreciation fund or account required by the RWC Act, the junior lien obligation debt service fund or account and the general or surplus fund or account at the times and in the amounts provided in the Bond Resolution or Bond Indenture so that there shall be at no time any deficiency in any of those payments.

Section 6.2. Obligation to Pay.

The obligation to make any and all payments under this Agreement shall begin immediately after the Effective Date.

Section 6.3. Member's Share of Purchased Water Costs.

(a) Costs for Water supply provided by the Commission shall be based on a price per unit of Water established by the Board of Commissioners multiplied by the Delivered Quantities. The price per unit shall be established based on the anticipated price per unit of Water to be purchased by the Commission from Chicago pursuant to the Chicago Water Supply Agreement (or from another supplier pursuant to the applicable terms of such purchase, if not purchased from Chicago) with adjustments to allow for sufficient funds to cover cash flow required to address the cost-of-service rate true-up process between the Commission and Chicago (or other supplier). The Board of Commissioners shall adopt a policy for the use of such funds only for the purpose of paying purchased Water costs.

(b) Prior to delivery of Water to the Members for use by customers of the Members, the Commission may purchase Water for testing and construction purposes from Chicago pursuant to the Chicago Water Supply Agreement. Water purchased for these purposes will be billed by Chicago at its fixed uniform rate rather than a cost-of-service rate. Purchased Water costs for Water supply provided by the Commission to the Members for these purposes for their Municipal Systems will be charged to the Members for the Delivered Quantity at not less than the fixed uniform rate charged by Chicago.

(c) All Members will be charged the same rate or price per unit for purchased Water costs.

Section 6.4. Member's Share of Operation and Maintenance Costs.

(a) Operation and Maintenance Costs for Water supply provided by the Commission shall be based on a price per unit of Water established by the Board of Commissioners multiplied by the Delivered Quantities. The price per unit shall be established based on the total anticipated costs for operation and maintenance of the Commission System for the Fiscal Year divided by the sum of the anticipated Delivered Quantities for each of the Members and Customers, if any, for that Fiscal Year. The anticipated Delivered Quantities shall be determined based on the Projected Average Day Demands and Projected Maximum Day Demands for each of the Members. Operations and maintenance shall include: (i) repairs, which are restoration work for when an asset of the Commission System breaks, is damaged, or stops working; and (ii) routine activities and/or corrective or preventive repair done on an asset of the Commission System to prevent damage and prolong the life expectancy of the asset; and (iii) all activities other than Commission administration, the Program, an Expansion, a Minor Upgrade or an Improvement. Such costs shall also include an operating reserve requirement to provide sufficient liquidity to meet the Commission's costs of operation and maintenance of the Commission System. To the extent that such revenues (and other available revenues of the Commission) are not sufficient to pay all such costs, the Board of Commissioners shall establish cost-sharing charges for all Members in an amount sufficient to provide the funds required by the Commission Budget, to be apportioned according to the estimated or actual metered Delivered Quantities for the Member for such year. For periods before the Commission System begins to operate, the 2030 Projected Average Day Demand of the Member shall be used in lieu of the Delivered Quantity.

(b) Prior to delivery of Water to the Members for use by customers of the Members, when the Commission purchases Water for testing and construction purposes from Chicago pursuant to the Chicago Water Supply Agreement and delivers such Water to the Members for such purposes, each Member shall pay the related Operation and Maintenance Costs. These shall be charged to the Members for the Delivered Quantity for such purposes at the rate set by the Board of Commissioners.

(c) All Members will be charged the same rate or price per unit for Operation and Maintenance Costs.

Section 6.5. Member's Share of Reserve Costs.

(a) Each Member's share of the costs to establish and maintain a reserve for depreciation of the Commission System shall be paid as a portion of the charges for the provision of Water supply. For each of the years 2025 through 2029, both inclusive, and any additional years thereafter until the Commission System is providing Water to Members, Members will be charged an amount sufficient to generate an initial reserve for depreciation by the Targeted Water Delivery Date equal to twenty-five (25%) percent of the 2030 estimated operating budget, determined by the Board of Commissioners based on the Member's 2050 Declared Maximum Day Demand multiplied by the annual reserve payment amount per MGD. Payments for a reserve for depreciation shall continue thereafter as required by the Bond Resolutions and Bond Indentures, as approved by the Board of Commissioners.

(b) Members will pay amounts for such other reserves as may be required by the Bond Resolutions and Bond Indentures, or may be determined by the Board of Commissioners to be

established as good management practices, in accordance with rates, charges and reserve policies established by the Board of Commissioners.

Section 6.6. Member's Share of Commission Administration Costs.

Costs of Commission administration shall be paid by the Members in equal shares, determined by dividing the total Commission Administration Costs by the number of Members. Commission Administration Costs will be determined by the Board of Commissioners but generally will include (i) that portion of the Capital Costs, Debt Service and Costs of Financing for Commission administrative offices and facilities; (ii) operation and maintenance of Commission administrative offices and facilities including Commission staffing (other than water operations and maintenance staff), utilities, insurance, office equipment and supplies, training and conferences, custodial services, and other administrative costs; and (iii) administrative contractual services (such as financial services, legal services, outreach/engagement services, government advocacy services); provided, however, that for costs incurred by the Commission for government advocacy services from and after the Effective Date until completion of the Program, Commission Administration Costs shall include fifty percent (50%) of such costs paid by the Commission. The total Commission Administration Costs to be shared by the Members may be reduced by amounts paid by non-Member customers, if any.

Section 6.7. Member's Share of Capital Costs, Debt Service and Costs of Financing.

(a) Funding of Capital Costs. The Parties anticipate that the Capital Costs of (i) the Program will be paid through a variety of funding sources, the majority of which will consist of the issuance or assumption of debt by the Commission, which may include, without limitation, Bonds from various programs that are available from time to time, such as the Water Infrastructure Finance and Innovation Act (WIFIA) loan program and the State of Illinois Public Water Supply Loan Program, which may be in amounts up to the maximum amount permitted by law, and (ii) future Expansions, Minor Upgrades and Improvements will be paid through the issuance of debt by the Commission or through other sources of funds available to the Commission.

(b) Member Responsibility for Capital Costs, Debt Service and Costs of Financing.

- i. Each Member shall pay for a portion of the Capital Costs, Debt Service and Costs of Financing, determined as follows:
 - A. The Member's proportionate share of the Capital Costs Primary for which all Members are responsible. Each Member's proportionate share shall be determined by calculating the ratio of each Member's Declared Maximum Day Demand to the sum of all Members' Declared Maximum Day Demand (which is the "Demand Ratio") and multiplying the Demand Ratio by the amount of the Capital Costs Primary;
 - B. plus any Capital Costs Non-Primary for which that Member is individually responsible, and shall be determined based on the costs of planning, developing, designing, constructing and acquiring the Member's non-primary Water Delivery Structures and Special Benefit Improvements (if any);

- C. minus the amount of any credits for a Member or contribution of costs advanced by a Member that are recognized as credits for that Member. Credits for Advanced Construction Costs and Advanced Development Costs for Joliet and a credit for Romeoville are provided for and recognized in this Agreement in connection with the Program. Any other credits must be approved by the Commission and the amounts paid to the Commission prior to the issuance of Bonds by the Commission for that portion of the Capital Costs.

The result of item (A) plus item (B) minus item (C) for each Member is the “Member’s Adjusted Share”.

- ii. Each “Member’s Adjusted Percentage Share” shall be determined by dividing the Member’s Adjusted Share by the sum of all Members’ Adjusted Shares.
- iii. Each Member shall pay its “Member’s Payment Share” for the Program, Expansion, Minor Upgrade or Improvement, as applicable, which shall be calculated by multiplying that Member’s Adjusted Percentage Share by the total of the Capital Costs, Debt Service and Costs of Financing that are due and payable by the Commission in each Fiscal Year for the Program, Expansion, Minor Upgrade or Improvement.
- iv. During the performance of the Program and until the Capital Costs, Debt Service and Costs of Financing for the Program are paid in full, the value used for a Member’s Declared Maximum Day Demand shall be the Member’s Declared 2050 Maximum Day Demand until a new Declared Maximum Day Demand is established pursuant to Section 4.2.

(c) Program Budget, Expansion Budget and Improvement Budget Capital Costs.

- i. For the initial construction of the Commission System through the Program, or for Expansions, Minor Upgrades or Improvements, the Parties acknowledge and agree that the Capital Costs Primary, Capital Costs Non-Primary and any credits will not be finalized until the applicable construction is complete, at which time the final Capital Costs, Debt Service and Costs of Financing of the Program, or for each Expansion, Minor Upgrade or Improvement, as applicable, will be determined. Prior to the completion of the Program, Expansion, Minor Upgrade or Improvement, as applicable, the amount of the Capital Costs Primary and Capital Costs Non-Primary and any Member credits will be adjusted from time to time and the Member’s Adjusted Share and Adjusted Percentage Share will be recalculated pursuant to the formula in Subsection (b) of this Section 6.7. Any grants received by the Commission, or by Joliet on behalf of the Commission, will be applied to reduce the total amount of Capital Costs Primary upon expenditure of the grant funds by the Commission.
- ii. Prior to final completion of the Program, Expansion, Minor Upgrade or Improvement and the establishment of the Program’s, Expansion’s, Minor

Upgrade's or Improvement's final Capital Costs Primary and Capital Costs Non-Primary, the amount of Capital Costs Primary and Capital Costs Non-Primary due in each Fiscal Year shall be determined in the establishment of an annual Program Budget, Expansion Budget or Commission Budget as described in Section 6.15 and the Commission shall determine the amount of each Member's Payment Share that will be due and payable in that Fiscal Year. Amounts due will take into account any credits due to a Member as provided in this Section to determine the Member's Adjusted Share and Adjusted Percentage Share.

(d) Final Capital Costs. When final Capital Costs Primary and Capital Costs Non-Primary and any applicable credits are established for the Program or an Expansion, Minor Upgrade or Improvement, the final amounts of the Members' Adjusted Shares, Members' Adjusted Percentage Shares and Members' Payment Shares will be established through the approval of the final Program Budget, Expansion Budget or Commission Budget. If this process demonstrates that a Member has underpaid or overpaid amounts toward the Capital Costs Primary or Capital Costs Non-Primary for the Program, Expansion or Improvement, as applicable, then any amount that was underpaid will be repaid by the Member in twenty-four (24) equal monthly installments and any amount that was overpaid will be credited to amounts owed by the Member under this Agreement in twenty-four (24) equal monthly installments. After the final Program Budget, Expansion Budget or Commission Budget is approved as provided in Section 6.15, the payments by Members of their Member's Payment Shares shall be included in the Commission Budget. Any adjustments to amounts owed due to actions such as the refinancing of a portion of the Bonds for the Program, Expansion, Minor Upgrade or Improvement shall be determined through the Commission Budget.

(e) Duration of Payments. The Members shall pay their Member's Payment Shares during the period of time for repayment of the Bonds for the financing of the Program, Expansion, Minor Upgrade or Improvement, as applicable. The Members agree to pay their Member's Payment Shares for each Fiscal Year in monthly installments. For the Program, the first payment of the Member's Payment Shares shall be due following the Effective Date.

(f) Credit to Romeoville. The Commission will provide a credit to Romeoville in an amount determined pursuant to Exhibit D to represent a portion of the savings resulting from Romeoville's relocation of its primary Water Delivery Structure to a different and more cost-effective location that will be submitted by Romeoville to the Commission pursuant to Subsection 4.8(a). This credit will be applied to Romeoville's share of the Capital Costs Primary and Capital Costs Non-Primary as described in Subsection (b) of this Section 6.7. Romeoville's credit will be determined based on the requirements of Exhibit D.

(g) Credit to Joliet. The Commission will reimburse Joliet for Joliet's Advanced Development Costs and Advanced Construction Costs. Such reimbursement shall be in the form of a credit to be applied to the total amount of Joliet's shares of the Capital Costs Primary and Capital Costs Non-Primary for the Program as described in Subsection (b) of this Section 6.7.

- i. Advanced Development Costs and Advanced Construction Costs will also include costs related to issuance of bonds and the taking of loans (including,

without limitation, the Water Infrastructure Finance and Innovation Act (WIFIA) loan program and the State of Illinois Public Water Supply Loan Program) to pay for development costs and construction costs; these will include, without limitation, loan application fees and closing costs, rating agency fees, financial advisor and bond counsel costs, and trustee fees.

- ii. All Advanced Development Costs and Advanced Construction Costs will be treated as and included in the Capital Costs Primary and Capital Costs Non-Primary (as applicable) for the Program and shall be allocated to and paid by all Members (including Joliet) in shares as provided in this Section 6.7, and shall be treated as a credit to Joliet on Joliet's share of the Capital Costs Primary and Capital Costs Non-Primary for the Program that are to be paid by Members as provided in Subsection (b) of this Section 6.7.
- iii. The Parties agree that the Program Budget will include an estimated amount of Advanced Development Costs and Advanced Construction Costs already incurred and to be incurred by Joliet for the Program during the entire period of the performance and completion of the Program. This estimate will be updated annually as part of the Program Budget process established in Section 6.15. At the time of determination of the final Capital Costs Primary and Capital Costs Non-Primary, Joliet will provide invoices and summaries of items (and other information required by the Board of Commissioners) for which it has advanced funds as part of the Advanced Development Costs and Advanced Construction Costs, which will be made available to the Board of Commissioners for Member review and audit.

(h) Payment for Special Benefit Improvements. Improvements to the Commission System that only improve Water service to certain Members, and that do not increase Capacity of the Commission System, shall be referred to as Special Benefit Improvements and shall be paid for by those certain Members following approval by the Commission. Such payments will include all Capital Costs, Debt Service and Costs of Financing for the Special Benefit Improvements as well as any other related costs, such as Operation and Maintenance Costs, that the Commission may require those certain Members to pay. The Commission will not unreasonably withhold approval of such Special Benefit Improvements.

(i) Reassignment of Existing Capacity. If a reassignment of Capacity is approved pursuant to Section 4.2 without any change in the Capacity and without incurring any additional Capital Costs, Debt Service and Costs of Financing being incurred by the Commission, the Members' Adjusted Share and Adjusted Percentage Share shall be recalculated based on the new Demand Ratio determined based on the reassigned Declared Maximum Day Demands of the Members using the formula in Subsection (b)(i) of this Section.

- i. The recalculated Member's Adjusted Share for each Member shall be applied to the Capital Costs, Debt Service and Costs of Financing for the total Capacity to determine the new amounts of each Member's Adjusted Percentage Share for that total Capacity. In the case of Capacity created during the Program, the recalculated Demand Ratio shall be applied to the final Capital Costs Primary

to determine the new amounts of each Member's Adjusted Share and Adjusted Percentage Share and an updated schedule of amounts due shall be included in the Program Budget or the Commission Budget, as applicable pursuant to Section 6.15.

- ii. These new amounts of Member's Payment Shares due from the Members based on the Members' Adjusted Percentage Share will be compared to the previous amounts paid by each Member to determine whether the Member has underpaid or overpaid for its reallocated amount of the Capacity. If a Member has underpaid, the Member will be required to pay the amount underpaid to the Commission within the time period agreed upon by the Commission and the affected Members. If a Member has overpaid, the Member may request (A) a payment of that amount be made to it within thirty (30) days after the receipt of the underpayment amounts from other Members or (B) that the amount it has overpaid be applied in equal installments to the remaining amount of any outstanding Capital Costs, Debt Service and Costs of Financing that it has not yet paid to the Commission.

(j) Reassignment of Increased Capacity. If a reassignment of Capacity is approved pursuant to Section 4.2 as a result of an increase in the Capacity and a change in the Demand Ratio of one or more Members, the Member's Adjusted Share and Adjusted Percentage Share shall be recalculated based on the new Demand Ratio determined based on the reassigned Declared Maximum Day Demands of the Members using the formula in Subsection (b)(i) of this Section.

- i. The recalculated Member's Adjusted Share for each Member shall be applied to the Capital Costs, Debt Service and Costs of Financing for the total expanded Capacity to determine the new amounts of each Member's Adjusted Percentage Share for that total expanded Capacity. The new Demand Ratio shall be applied to the sum of the final Capital Costs Primary for the Program and any Improvements and Minor Upgrades plus any amounts of Capital Costs Primary for the Expansion to determine the new amounts of each Member's Adjusted Share and Adjusted Percentage Share and an updated schedule of amounts of Members' Payment Shares due shall be included in the Expansion Budget pursuant to Section 6.15.
- ii. These new amounts of Members' Payment Shares due from the Members will be compared to the previous amounts of Members' Payment Shares paid by each Member associated with the initial Commission System and any Improvements and Minor Upgrades plus any prior Expansion that resulted in increased Capacity to determine whether the Member has underpaid or overpaid for its reallocated amount of the Capacity. If a Member has underpaid, the Member will be required to pay the amount underpaid to the Commission within thirty (30) days after completion of the Expansion unless otherwise agreed by the Commission and the Members that will be receiving funds due to an overpayment resulting from the Expansion. If a Member has overpaid, the Member may request (A) a payment of that amount be made to it within thirty (30) days after the receipt of the underpayment amounts from other Members

or (B) that the amount it has overpaid be applied in equal installments to the remaining amount of any outstanding Capital Costs, Debt Service and Costs of Financing that it has not yet paid to the Commission.

- iii. If a Member determines not to increase its Declared Maximum Day Demand as a result of the Expansion that will result in increased Capacity, then the Member will not be assigned a proportionate share of the sum of the Capital Costs, Debt Service and Costs of Financing for that total Capacity and will not be entitled to any payment resulting from the reallocation of Capacity based on its Declared Maximum Day Demand.
- iv. If a Member chooses not to participate in an Expansion and requires additional Capacity in the future and additional Capacity from an Expansion is available, that Member will be required to follow the reassignment process in Subsection 4.2(b) and make reimbursement payments for the Capital Costs, Debt Service and Costs of Financing of the Expansion's design and construction to account for its appropriate share of such amounts, as determined by the Board of Commissioners.

Section 6.8. Member's Share of Default Costs.

(a) If any Member or Customer defaults on the payment to the Commission of its required share of Commission Costs, including any part of its share of Default Costs due pursuant to this Section, each Member agrees to pay a share of the Default Costs. That share of the Default Costs for the Member shall be in the same proportion as such Member's share of the Commission Costs for the month prior to the month of the default is to the sum of the shares of Commission Costs in that month of all Members and Customers (if any) who are obligated to make payments under this Section and are not in default; any credits to Members related to reassignment of Capacity under Subsections 6.7(i) and (j) shall not be used in determining either the ratio or the Members' shares. Each Member's share of defaulted Commission Costs, or such defaulted payment of shares, as the case may be, shall be due and payable twenty-one (21) days after the Commission's written demand therefor. The demand shall include the Commission's calculations of the amount due from the Member hereunder. If and when the defaulting Member makes a payment to the Commission of a defaulted amount or interest thereon for which the Members have made a payment to the Commission under this Section, the Commission will pay to each Member its proportionate share of such amount, including any such interest.

(b) In connection with Crest Hill's provision of water service to Stateville Correctional Center (including the Level 1 Stateville Correctional Center, the Northern Reception and Classification Center, the Stateville Minimum Security Unit and the District 5 facility of the Illinois State Police), Crest Hill agrees to work with the Commission to negotiate with the State of Illinois terms under which the State of Illinois will (i) pay a rate that allows Crest Hill to retain funds in a reserve fund maintained by Crest Hill and/or (ii) prepay into an escrow account held by Crest Hill a security deposit or other amount sufficient to cover amounts due to Crest Hill from the State of Illinois. If these payments and funds are not sufficient to enable Crest Hill to meet its payment obligations to the Commission, and Crest Hill is unable to pay its full share of Commission Costs due to a failure of the State of Illinois to pay Crest Hill for Water delivered by Crest Hill to Stateville Correctional Center, the Commission will use a portion of its reserve fund

for Operation and Maintenance Costs to cover the failure of Crest Hill to pay to the Commission on a timely basis the portion of Crest Hill's Commission Costs attributable to delivery of Water to Stateville Correctional Center due to the failure of the State of Illinois to pay Crest Hill for Water on a timely basis. Use by the Commission of amounts from the reserve fund for Operation and Maintenance Costs for this purpose does not excuse Crest Hill from its obligation to make all required payments with interest as established in this Agreement.

Section 6.9. Member's Costs for Less Than Full Water Requirements.

If a Member's Delivered Quantity for any month is less than its Full Water Requirements for that month and the Commission was willing and able to deliver to such Member its Full Water Requirements at all times during that month, such Member's obligations for any payment due under this Agreement shall be based on Full Water Requirements, unless the Board of Commissioners has approved a waiver of this requirement pursuant to Section 4.3(d).

Section 6.10. Bills and Due Date.

The Commission shall notify each Member of such Member's share of Commission Costs for the month on or before the tenth day of the following month. The Member's share of Commission Costs for a month shall be due and payable and must be received at the offices of the Commission on or before the tenth day of the month following the month of the Commission's notification.

Section 6.11. Disputed Payments.

If a Member desires to dispute all or any part of any payment under this Agreement, the Member shall, nevertheless, pay the full amount of any such payment when due and include with such payment written notification to the Commission that charges are disputed, the grounds for dispute and the amount in dispute.

Upon receipt of notification of a dispute, representatives of the Commission shall meet promptly with representatives of the Member to resolve such dispute. No adjustment or relief on account of any disputed charges shall be made unless disputed charges are the subject of such notice received in the office of the Commission on or before the applicable due date or within a reasonable period from the time the Member knew, or should have known, of the facts giving rise to the dispute.

In the event that it is determined that the Member shall have overpaid, it shall receive a credit on future payments in the categories of costs in which the overpayment occurred.

Section 6.12. Overdue Payments and Remedies; Security Deposit.

If a Member shall fail to make any payment required under this Agreement on or before its due date pursuant to Section 6.10, such Member shall be in default and the remedies described in this Section and Article 9 are available to the Commission in addition to the remedies provided in the IGA and all other rights and remedies at law or in equity available to the Commission for breach of any of the provisions of this Agreement.

(a) Interest on the amount of such payment shall accrue during the period of nonpayment. Interest shall accrue at the maximum legal rate on taxable bonds under Section 2 of the Bond

Authorization Act, 30 ILCS 305/2, as amended from time to time, from the date such payment becomes due pursuant to Section 6.10 until paid in full with interest as specified in this Agreement.

(b) The defaulting Member shall pay all costs and expenses incurred by the Commission as a result of such an overdue payment.

(c) If a Member is in default due to non-payment and the default is not cured within thirty (30) days after the due date of the defaulted payment, the Commission may, at its option, require such Member to deposit as security for the payment of such Member's obligations under this Agreement a reasonable amount as determined by the Commission. The security deposit or any part thereof may, at the Commission's discretion, be applied to any subsequent default in any payments due hereunder by the Member. If so applied, the Member shall immediately provide funds to restore the security deposit to the amount required by the Commission. At the earliest of (i) the end of the Term of this Agreement, (ii) a term of two (2) years after the curing of the most recent default by the Member, or (iii) at any such time that the Commission may at its sole discretion determine, any security deposit shall be returned to the Member if the Member has performed all its obligations under this Agreement. Any such security deposits shall be kept in a separate interest-bearing fund or account and any interest earned thereon shall be the property of the Commission.

(d) In addition to the remedies involving suspension of a Member's membership in the Commission as provided in Section 7.3 of the IGA, in the event such payment is not made within sixty (60) days from the date such payment becomes due, the Commission may, at its option and in its discretion, decline to provide Water and suspend or discontinue delivery of Water to the Member until the amount due to the Commission is paid in full with interest as provided in this Agreement. Not less than twenty (20) days prior to commencement of court proceedings for suspension or discontinuance of delivery of Water, the Commission shall notify the Member of its intention to file such proceedings to decline to provide Water and suspend or discontinue delivery of Water and shall provide the Member an opportunity for a hearing prior to any suspension or discontinuance of delivery of Water. Following the hearing, the Commission shall determine whether to present the matter to the state court with jurisdiction and obtain an order of court authorizing suspension or discontinuance of Water service to the Member. No suspension or discontinuance shall occur until such an order is obtained. If the Commission suspends or discontinues the delivery of Water under such circumstances, the Member shall, nevertheless, continue to be liable to pay all charges herein provided for.

(e) The Member's compliance with the Commission's requirement to post a security deposit shall be a condition precedent to the restoration of Water service to such Member, if suspended or discontinued by reason of any default due to non-payment.

(f) Exercise of any remedy under this Section by the Commission shall not preclude the exercise of any other remedies provided in this Agreement or the IGA or available under applicable law, whether at law or in equity.

Section 6.13. Sources of Payments.

All payments required to be made by each Member under this Agreement shall be made from revenues to be derived by such Member from the operation of its Municipal System. This

Agreement shall not constitute an indebtedness of any Member within the meaning of any statutory or constitutional limitation but shall be considered an obligation against the revenues derived by each such Municipal System. The Members are not prohibited by this Agreement from using other available funds to make the payments required by this Agreement. The use of other available funds by a Member for payments required to be made under this Agreement shall in no way obligate the Member to continue the use of such other available funds in the future, nor obligate any of the Member's funds other than revenues derived by such Member from the operation of its Municipal System.

Section 6.14. Nature of Payment Obligation.

Payments to be made under this Agreement shall be an operation and maintenance expense of each Municipal System. Each Member is obligated to pay for all required Commission Costs without setoff or counterclaim and irrespective of whether such supply of Water is ever furnished, made available or delivered to the Member or whether the Program or the Commission System as contemplated by this Agreement is completed, operable or operating and regardless of any suspension, interruption, interference, reduction or curtailment of the supply of Water from the Commission System. The rights of the Member in the event of failure by the Commission to perform its obligations under this Agreement are governed by Article 9.

Section 6.15. Budgets, Limitation, Notice to Members and Rates.

(a) Commission Budget. The Commission shall prepare and adopt a Commission Budget for each Fiscal Year. Not less than sixty (60) days prior to the beginning of each Fiscal Year (other than the first Fiscal Year after the Commission is established, which is a partial Fiscal Year), the Commission shall prepare and send to the Members a tentative Commission Budget. The Commission Budget for each Fiscal Year shall include an estimate of each of the elements of the Commission Costs to be paid by the Members and Customers (if any) in that Fiscal Year and an estimate of each of the Commission Costs to be paid by the Members and Customers (if any) for the following Fiscal Year. If the Commission fails to adopt a Commission Budget for a Fiscal Year, the Commission Budget for the prior Fiscal Year shall be used until a new Commission Budget is adopted.

(b) Program Budget. During the Program and until the costs for the Program have been finalized and a final Program Budget is approved, the Commission shall also prepare and adopt a Program Budget on an annual basis. Not less than ninety (90) days prior to the beginning of each Fiscal Year (other than the first Fiscal Year after the Commission is established, which is a partial Fiscal Year), the Commission shall prepare and send to the Members a tentative Program Budget. Each such Program Budget shall include all Capital Costs, Debt Service and Costs of Financing of the Program. The Program Budget shall be based on estimated costs of each element and component of the Program until such time as contract costs or actual costs of an element or component become available, at which time the contract cost amounts or actual cost amounts shall be substituted for the estimated cost amounts for that element or component. For the Fiscal Years following final completion of the Program and adoption of the final Program Budget, the Members' Payment Shares shall be included in the Commission Budget. Each Program Budget or Commission Budget shall include an estimate of the Members' Adjusted Shares, Members' Adjusted Percentage Shares and Members' Payment Shares.

(c) Expansion Budget. If the Commission determines that an Expansion of the Commission System is necessary from time to time, not less than ninety (90) days prior to commencement of such Expansion, the Commission shall prepare and send to the Members a proposed Expansion Budget. Thereafter, the Commission shall prepare and adopt a proposed Expansion Budget on an annual basis. Each such Expansion Budget shall include all Capital Costs, Debt Service and Costs of Financing for the Expansion. The Expansion Budget shall be based on estimated costs of each element and component of the Expansion until such time as contract costs or actual costs of an element or component become available, at which time the contract cost amounts or actual cost amounts shall be substituted for the estimated cost amounts for that element or component. For the Fiscal Years following final completion of the Expansion and adoption of the final Expansion Budget, as applicable, the Members' Payment Shares shall be included in the Commission Budget. Each Expansion Budget or Commission Budget shall include an estimate of the Members' Adjusted Shares, Members' Adjusted Percentage Shares and Members' Payment Shares.

(d) Adoption of Commission Budget. The Commission will hold a meeting to present and discuss the Commission Budget, at which comments of the Members may be presented. The Commission shall give the Members not less than fourteen (14) days' notice of such meeting. In addition, the Commission shall hold any public hearing on the Commission Budget as is required by law, and approve its annual Commission Budget within the time required by law. The Commission shall only bill its Members such amounts as shall be required to pay Commission Costs and to provide for its Members a reliable water system as required by any Bond Resolution or Bond Indenture.

ARTICLE 7 COMMISSION COVENANTS

Section 7.1. Construction of the Commission System and Supply of Water.

(a) The Commission shall proceed promptly with the performance and construction of the Program necessary to the performance of its obligations under this Agreement. The Commission will make a diligent effort to have its facilities completed to the Water Delivery Structures and Points of Delivery so as to furnish Water to the Charter Members by the Targeted Water Delivery Date unless otherwise agreed by unanimous vote of the Board of Commissioners, but the Commission does not hereby guarantee delivery by such date. The Commission shall not be liable to any Member for any damages occasioned by delay in the commencement of such service to any Member, and all payments provided for under this Agreement remain due and payable in accordance with its terms regardless of any such delay. Each of the Members hereby acknowledges its unconditional obligation to pay and does hereby covenant to pay all amounts due and payable under Article 6 regardless of any such delay and regardless of whether all or any part of its Full Water Requirements are ever delivered under this Agreement.

(b) The Commission agrees to retain the City of Joliet as the Program Manager for the completion of the Program pursuant to a Program Management Agreement between the Commission and the City of Joliet.

(c) The Commission shall use diligent efforts to obtain the necessary permits and contracts for labor and material and to borrow funds and issue its Bonds for acquiring and constructing the Commission System by the Targeted Water Delivery Date.

(d) Prior to the Targeted Water Delivery Date, the Commission shall furnish to each Member such Water, if available, as is needed for (i) the construction or testing of the Members' improvements at the points of connection to each Municipal System and (ii) the obtaining of any permits required in connection with the construction or operation of the Members' improvements at the points of connection to such Municipal System.

(e) After Water is first tendered for delivery to a Member at any Point of Delivery, the Commission shall, subject to the other terms and conditions of this Agreement, continually hold itself ready, willing and able to supply Water to such Member.

(f) No portion of the Program shall be abandoned without the consent of those Charter Members who would receive no Water from the Commission because of such an abandonment.

Section 7.2. Commission System Insurance.

(a) With respect to the Commission System, the Commission will carry insurance or maintain self-insurance of the kinds and in the amounts which are customarily carried or maintained by parties operating similar properties including, without limiting the generality of the foregoing, fire, windstorm, and other casualty, and public liability insurance or protection. All monies received for loss under the insurance policies or on deposit as self-insurance reserve funds shall be used in making good the loss or damage in respect of which they were paid except to the extent no longer deemed useful to or profitable in the operation of the Commission System, whether by repairing the property damaged or replacing the property destroyed, and provision for making good such loss or damage or replacing the property destroyed shall be made within a reasonable time from the date of the loss. The proceeds derived from any and all policies or available from self-insurance reserves for public liability losses shall be used in paying or reimbursing any accounts from which payment for settlements, judgments or expenses were advanced.

Section 7.3. Covenants Regarding the Commission System.

The Commission covenants and agrees:

(a) That it will complete the acquisition and construction of additional facilities as the Board determines those facilities are needed to supply sufficient quantities of Water to the Members subject to the quantities set forth in Exhibit A as they may be modified from time to time.

(b) That it will operate and maintain the Commission System in order to be able to perform the obligation to supply Water to its Members and Customers.

(c) That it will maintain in effect any agreement or contract with each of the Members as required by any Bond Resolution or Bond Indenture.

(d) That it will treat all Charter Members equitably without preference for any one or more Charter Members over any other one or more Charter Members.

- (e) That it will enforce the provisions of each of the agreements or contracts.
- (f) That it will enforce the provisions of the Chicago Water Supply Agreement.

(g) That it will perform all of its covenants under any Bond Resolution and Bond Indenture as long as any Bonds authorized by said Bond Resolution or Bond Indenture are outstanding.

Section 7.4. Security Covenant.

The Commission agrees to cooperate with the Members in connection with the secure handling of information about the Commission System and the Municipal Systems in order to maximize the ongoing security of the Commission System and the Municipal Systems and the water supply.

ARTICLE 8 MEMBER COVENANTS

Each Member covenants and agrees to the matters described in this Article.

Section 8.1. Receipt of Water; Operation and Maintenance.

(a) It will be ready, willing and able to accept delivery of Water from the Commission System no later than the Targeted Water Delivery Date and shall remain ready, willing and able to accept delivery of its Full Water Requirements from and after the Targeted Water Delivery Date for the Term, except as otherwise permitted under this Agreement.

(b) It will operate and maintain its Municipal System and all improvements and extensions of its Municipal System in good repair and working order, will operate the same efficiently and faithfully, and will punctually perform all duties with respect to its Municipal System as may be required by the Constitution and laws of the State of Illinois, by all other applicable laws and by all resolutions and ordinances of the Member.

Section 8.2. Municipal System Ownership.

(a) It will continue to own and possess its Municipal System and will, within the exercise of reasonable business judgment and in a manner so as not to cause a default under this Agreement, dispose of property which is part of its Municipal System only to the extent that such property is no longer useful or profitable in the operations of its Municipal System. It will mortgage or encumber the Municipal System only to the extent required to issue bonds payable from revenues of the Municipal System in accordance with applicable law.

(b) It shall not combine its existing separate waterworks system with its separate sewage system or separate its existing combined waterworks and sewerage system into separate systems before the time when all Bonds are paid or provision has been made for their payment. Thereafter, it may combine its waterworks system with its sewerage system or separate its combined waterworks system and sewerage system into separate systems only on the following conditions:

- (i) The Member shall provide the Commission with written evidence that the proposed combination or separation will not materially and adversely affect the Member's ability to comply with the terms, conditions and covenants of this Agreement; and
- (ii) if the Commission shall then determine that the proposed combination or separation will not materially and adversely affect the

Member's ability to comply with all terms, conditions and covenants of this Agreement, then, and only then, the Commission shall approve such combination or separation and advise such Member in writing.

Section 8.3. Municipal System Insurance.

It will carry insurance on its Municipal System, become a member of a self-insurance pool or maintain other risk management protection of the kinds and in the amounts which are customarily carried or maintained by parties operating similar properties including, without limiting the generality of the foregoing, fire, windstorm, public liability, and all additional insurance or protection covering those risks. All monies received for loss under the insurance policies, pool coverage or risk management protection shall be used in making good such loss or damage (subject to Section 8.1), whether by repairing the property damaged or replacing the property destroyed, and provision for making good such loss or damage or replacing the property destroyed shall be made within ninety (90) days from the date of loss. The proceeds derived from any and all policies, pool coverage, risk management protection or public liability shall be credited to an account for payment of operation and maintenance of the Municipal System and used in paying the claims on account of which they were received.

Section 8.4. Finance.

(a) In accordance with applicable state laws, it will adopt for each of its fiscal years a budget or appropriation ordinance providing for the payment of all sums anticipated to be due to the Commission during its fiscal year.

(b) It will make and keep proper books and accounts (separate and apart from all of its other records and accounts) in which complete entries shall be made of all transactions relating to its Municipal System, and, within one hundred and eighty (180) days following the close of each of its fiscal years, it will cause the books and accounts of its Municipal System to be audited annually by independent certified public accountants, showing the receipts and disbursements on account of its Municipal System and will cause a copy of the audit to be sent to the Commission within thirty (30) days following completion of the audit.

(c) It will provide for the segregation of all revenues of its Municipal System into a separate Municipal System fund and will provide for the application of the revenues for the purpose of Section 8.5 of this Article. Monies of its Municipal System which exceed its obligations hereunder may be used for any lawful corporate purposes.

(d) After the Effective Date, any resolution or ordinance of a Member which authorizes the issuance of any obligation of that Member to be paid from revenues of its Municipal System will expressly provide that revenues of its Municipal System may be used to pay principal of, premium, if any, and interest on those obligations only to the extent that those revenues exceed the amounts required to pay the operation and maintenance expenses of its Municipal System including, expressly, all amounts payable from time to time under this Agreement.

Section 8.5. Rates.

It will establish, maintain, and revise as necessary such rates for, and collect, charges from customers of its Municipal System as shall be required from time to time to produce revenues, together with other available funds dedicated and appropriated for and deposited into the fund for

its Municipal System, at least sufficient (a) to pay all amounts due under this Agreement and to pay all other costs of operation and maintenance of its Municipal System, (b) to provide adequate reserves for its Municipal System in accordance with applicable law and prudent practice, (c) to make all deposits into all funds and accounts required by the terms of resolutions or ordinances authorizing bonds payable from revenues of its Municipal System and (d) to pay the principal of and interest on all bonds of such Member which are payable from the revenues of its Municipal System.

The Commission may not sue to enforce the provisions of this Section as they relate to clauses (b) through (d) unless it can show that the ability of a Member to make the payments set forth in clause (a) is substantially impaired by the inadequacy of said rates and charges. The rates and charges for customers of a Municipal System shall not be required, however, to be sufficient to produce amounts required to make payments under this Agreement so long as available amounts sufficient for making such payments for the next six (6) months or the remainder of such Member's fiscal year, whichever is longer, shall have been set aside in cash or investments in a separate account in its Municipal System fund designated for the purpose of making payments under this Agreement.

Section 8.6. Allocations.

It will maintain an Allocation at least equal to its Full Water Requirements.

Section 8.7. Reporting.

It will furnish to the Commission, upon request, a monthly report of its Total Water Use and Delivered Quantity. The report shall contain an explanation of any discrepancies between its Delivered Quantity and its Total Water Use for the month covered by the report.

Section 8.8. Compliance with Agreements.

Members shall operate and maintain their Municipal Systems in a manner that will not cause the Commission to fail to comply with any agreement with any other person or entity, including without limitation any water supply agreements such as the Chicago Water Supply Agreement, and shall provide to the Commission such information as may be necessary for the Commission to be in compliance with any such agreements.

Section 8.9. Cooperation Regarding the Commission System.

(a) The Members shall cooperate with the Commission in the construction, maintenance, improvement, extension and expansion of the Commission System.

(b) The Members shall provide water to the Commission for construction and testing of the Commission System. The Commission will pay the Member providing water at the Member's then-current rate for similar uses of water, such as hydrant water.

(c) Each Member shall grant to the Commission, without charge to the Commission, any reasonably required construction easements and any easements necessary for portions of the Commission System to be located on such Member's property, including without limitation all Water Delivery Structures, Points of Delivery and Connecting Mains and other appurtenances for delivery of Water by the Commission to the Member, provided that after construction the Commission agrees to restore the easement property to a condition not less than its condition prior

to the Commission's use of the property or as otherwise provided in plans and specifications included in the contract for the construction. Each Member shall grant the Commission, without charge to the Commission, access to its property to the extent reasonably necessary to survey, construct, install, operate, use, maintain, own, test, inspect, repair, remove, and replace Water Delivery Structures, Points of Delivery and Connecting Mains and other appurtenances related to the Commission System, together with all reasonable rights of ingress and egress over, along, across, and upon the Member's property necessary for the exercise of the rights granted to the Commission. All easements provided by a Member for Water Delivery Structures, Points of Delivery and Connecting Mains and other appurtenances for delivery of Water by the Commission to that Member shall be free of other utilities (including both third-party utilities and Member utilities); removal or relocation of any such utilities shall be performed by the Member at the Member's cost.

(d) If the Member proposes to locate any Water Delivery Structures, Points of Delivery and Connecting Mains and other appurtenances for delivery of Water by the Commission to the Member on property not owned by the Member, the Member shall obtain and provide for the grant to the Commission, without charge to the Commission, of any reasonably required construction easements and any easements necessary for such infrastructure to be located on such property not owned by the Member, provided that after construction the Commission agrees to restore the easement property to a condition not less than its condition prior to the Commission's use of the property or as otherwise provided in plans and specifications included in the contract for the construction. Such easements shall include a grant to the Commission of access to the property to the extent reasonably necessary to survey, construct, install, operate, use, maintain, own, test, inspect, repair, remove, and replace Water Delivery Structures, Points of Delivery and Connecting Mains and other appurtenances related to the Commission System, together with all reasonable rights of ingress and egress over, along, across, and upon the property necessary for the exercise of the rights granted to the Commission. All easements provided by a Member for Water Delivery Structures, Points of Delivery and Connecting Mains and other appurtenances for delivery of Water by the Commission to that Member shall be free of other utilities (including both third-party utilities and Member utilities); removal or relocation of any such utilities shall be performed by the Member at the Member's cost.

(e) Each Member shall grant to the Commission, without charge to the Commission, any reasonably required permits, consents and approvals necessary for the construction and operation of portions of the Commission System located within such Member's corporate limits, or within such Member's extraterritorial jurisdiction, including without limitation for use of rights-of-way, where applicable. Where Member rights-of-way are used, the Commission shall, at the Commission's cost, restore such rights-of-way after construction to a condition not less than their condition prior to the Commission's use of the rights-of-way or as otherwise provided in plans and specifications included in the contract for the construction. In addition, where Member rights-of-way are used (or where easements are used for transmission mains in lieu of rights-of-way) and relocation of utilities located within such rights-of-way is required (including both third-party utilities and Member utilities), the Commission shall be responsible for performing such utility relocations at the Commission's cost.

(f) No Member shall require the relocation or removal of any portion of the Commission System installed in its rights-of-way or easements granted to or obtained by the Member for the Commission unless the Commission agrees to the relocation or removal.

(g) Where the Commission performs construction on the Commission System within easements provided to the Commission by the Member or in a Member's rights-of-way:

- i. the Commission shall warrant, pursuant to a policy approved by the Board of Commissioners, that such construction and a Member's property in such easements or rights-of-way are free from damage or deficiencies resulting from the construction of the Commission System; and
- ii. the Commission and the Member shall review the design drawings and specifications for the particular components of the Commission System to be constructed as well as the Member's ordinances pertaining to such work for the protection of the public and of public property applicable to such components. The requirements of such ordinances shall be included in the Commission's design drawings and specifications unless the Member agrees to waive or modify its ordinance requirements.

Section 8.10. Security Covenant.

Each Member agrees to cooperate with the Commission and the other Members in connection with the secure handling of information about the Commission System and the Municipal Systems in order to maximize the ongoing security of the Commission System and the Municipal Systems and the water supply.

ARTICLE 9 LEGAL RELATIONSHIPS AND REQUIREMENTS

Section 9.1. Dispute Resolution.

(a) Negotiation. The Parties desire to avoid and settle without litigation any future disputes that may arise between them relative to this Agreement. Accordingly, the Parties agree to engage in good faith negotiations to resolve any such dispute. The process in this Section 9.1 shall apply and be complied with prior to the exercise of other provisions in this Article 9.

(b) Notice and Meeting. If any Party has a dispute about a violation, interpretation, or application of a provision of this Agreement, or a dispute regarding a Party's failure to comply with this Agreement, then that Party may serve on the other Parties notice, by Certified Mail or personal service and, if desired by the Parties, may also be given by electronic communications, setting forth in detail the dispute, the provisions of this Agreement to which the dispute is related, and all facts and circumstances pertinent to the dispute. The Parties then, within seven (7) days, shall schedule a date certain for representatives of the Parties to meet in a conference to resolve the dispute. Such conference shall be conducted within fifteen (15) days after notice of the dispute has been delivered as provided in this Subsection 9.1(b).

(c) Non-Binding Mediation. If the matter remains unresolved for more than ten (10) additional days following such a conference, the Parties may mutually agree to submit the matter to non-binding mediation pursuant to the then-current Commercial Mediation Procedures of the

American Arbitration Association (AAA). If so submitted, it shall be submitted jointly and the mediation shall be administered as mutually agreed by the Parties. The mediation shall be convened not more than thirty-five (35) days after the date of initial discussions between the Parties' representatives under this Section 9.1 and concluded not more than fifty (50) days after such date of initial discussions.

(d) Continuation of Services and Payments. During all negotiation proceedings and any subsequent proceedings provided for in this Section 9.1, the Commission and the Members shall continue to fulfill the terms of this Agreement to the fullest extent possible. The Commission shall continue to perform its obligations and the Members shall continue to make payments to the Commission as required under this Agreement. The Parties may mutually agree to extend the time periods under this Section 9.1 in order to facilitate resolution of the dispute.

(e) Remedies. Provided that the Parties have met their obligations under this Section 9.1, the Parties shall be entitled to pursue such remedies as may be available in law and equity and as provided under this Agreement and the IGA. The requirements of Subsections 9.1(b) and (c) shall be waived in the event of either significant risk of irreparable harm or significant jeopardy to public health and safety.

Section 9.2. Force Majeure.

In case, by reason of Force Majeure, any Party hereto shall be rendered unable, wholly or in part, to carry out its obligation under this Agreement, then, if such Party shall give notice and full particulars of such Force Majeure in writing to the other parties within a reasonable time after occurrence of the event or cause relied on, the obligation of the Party giving such notice, so far as it is affected by such Force Majeure shall be suspended during the continuance of the inability then claimed, but for no longer period. Such notice shall include an explanation of how the Force Majeure in fact interferes with the ability of the Party to discharge its obligations under this Agreement. Any such Party shall endeavor to remove or overcome such inability with all reasonable dispatch. The above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of opposing parties when, in the judgment of the Party having the difficulty, such settlement would be unfavorable to it. No Force Majeure which renders any of the Parties unable to perform under this Agreement shall relieve a Member of its obligation to make payments to the Commission as required under this Agreement.

Section 9.3. Commission Defaults.

The Commission's failure to deliver Water to a Member as required by this Agreement or the Commission's failure to perform any other obligation under this Agreement and the continuation of that failure to perform for thirty (30) days after written notice from such Member to the Commission of such failure shall be a default of the Commission under this Agreement, unless any such failure is recognized pursuant to Section 9.2.

Section 9.4. Member Remedies in Event of Commission Default.

In the event of a default by the Commission under this Agreement, a Member may bring any action against the Commission, including an action in equity and actions for mandamus and specific performance, to the extent allowed by law, but in any event, whether or not there is a Commission default, such Member shall have no right to cancel or rescind this Agreement, no

right to withhold payments due or to become due under this Agreement, no right to recover amounts previously paid under this Agreement, no right of reduction of or set off against amounts due or to become due under this Agreement and no claim on any amounts in any fund or account of the Commission other than amounts in a general reserve fund or account or any surplus fund or account that may then be withdrawn by the Commission, free from the lien of any Bond Resolution or Bond Indenture. Election of any remedy shall not be a waiver of any other remedy. The Commission will issue its Bonds in specific reliance on the limitations set forth in this Section.

Section 9.5. Member Enforcement of Provisions.

Each Member acknowledges that its obligations hereunder are a benefit to each other Member and to Customers as such other Members' and Customers' obligations are a benefit to the Member. Accordingly, each Member agrees that, in addition to the Commission, Bondholders, the Trustee or other parties by law entitled to enforce the provisions of this Agreement, any three or more Members acting together may enforce the provisions of this Article against another Member or Members, but only if the Commission has not acted to enforce such provisions within ninety (90) days after a failure to cure a default under this Agreement. Any rights any Member has under this Agreement or other contracts with the Commission shall be limited in enforcement as set forth in this Agreement.

Section 9.6. Commission Remedies in Event of a Member Default.

In addition to any other remedy that may be available to the Commission at law or in equity or under this Agreement or the IGA, including any right to suspend delivery of Water, the Commission shall have the following remedies in the event of default by a Member:

(a) In the event of a default involving the failure to pay any amounts payable under this Agreement, the Commission (and the Trustee) shall have the right to exercise the assignment as described in Section 10.6.

(b) In the event of a default involving a Member's failure to purchase its Full Water Requirements from the Commission as required by this Agreement, or a Member's failure to perform any other obligation under this Agreement and the continuation of that failure for thirty (30) days after notice from the Commission or the Trustee of such failure, the Commission shall have the rights to declaratory judgment, mandamus and specific performance of the Member's obligations to the extent allowed by law.

Election of any remedy shall not be a waiver of any other remedy.

ARTICLE 10 MISCELLANEOUS PROVISIONS

Section 10.1. Execution; Counterparts.

Each of the Parties represents that the persons executing this Agreement on behalf of such Party is duly authorized to do so. This Agreement may be executed in multiple identical counterparts, and all of said counterparts will, individually and taken together, constitute one and the same Agreement. Any such counterpart may be signed by one or more of the Parties so long as each of the Parties has signed one or more of such counterparts.

Section 10.2. Entire Agreement.

There are no representations, covenants, promises, or obligations not contained in this Agreement that form any part of this Agreement or upon which any of the Parties is relying in entering into this Agreement, other than the IGA, the Bylaws and the Program Management Agreement between the Commission and the City of Joliet.

Section 10.3. Exhibits.

Exhibits A through E are attached to and, by this reference, incorporated in and made a part of this Agreement. In the event of a conflict between an Exhibit and the text of this Agreement, the text of this Agreement shall control.

Section 10.4. Amendment.

This Agreement may be amended only by written agreement of all Members. An amendment is effective only when authorized by ordinances adopted by each Member's corporate authorities, certified copies of which must be filed with the Secretary of the Commission. An amendment may be subject to limitations pertaining to any outstanding Bonds of the Commission.

Section 10.5. Notices.

Except in the case of an emergency, all notices and other communications in connection with this Agreement shall be in writing and will be deemed delivered to the addressee thereof when delivered in person, by a reputable overnight courier, or by messenger at the Party's designated address, or three Business Days after deposit thereof in any main or branch United States post office, certified or registered mail, return receipt requested, postage prepaid, properly addressed to the Parties, respectively, at each Party's contact information as provided with its signature. A Party may change its contact information by giving notice to all other Parties pursuant to this Section. Notice of an emergency relating to this Agreement, including the delivery of Water to the Members, shall also be given as soon as practicable by the Commission to each Member potentially affected by the emergency, and by each Member to the Commission. The Commission shall notify any other Members potentially affected by the emergency following receipt of such an emergency notice. Emergency notices shall be provided to a Party's emergency contact, which shall be provided by each Party to all other Parties in writing upon execution of this Agreement.

Section 10.6. Assignability.

(a) In General. Except to the extent hereinafter provided, no party shall assign or transfer this Agreement or any rights or interests herein without unanimous approval of the Commissioners representing all of the Members and approval of each Member's corporate authorities.

(b) Pledge or Assignment to Trustee. The Commission may, at any time, pledge or assign for the benefit and security of the owners of its Bonds any or all of its rights under the provisions of this Agreement to receive payments from any Member, and thereafter this Agreement shall not be terminated, modified, amended or changed by the Commission or any Member except in the manner (if any) permitted, and subject to the conditions (if any) imposed, by the terms and conditions of such pledge or assignment and as provided in the Bond Resolution and Bond Indenture to secure the payment of the principal of, premium, if any, and interest on the Bonds as those amounts come due, subject to the application of those payments as may be provided in the Bond Resolution and Bond Indenture. In the case of such pledge or assignment, the Members will

make payments directly to the Trustee as provided in the Bond Indenture. The rights of the Commission to enforce the provisions of this Agreement may be assigned to the Trustee under the Bond Indenture and, in such event, the Trustee will have the right to enforce this Agreement at law or equity with or without the further consent or participation of the Commission. The Commission may also retain the right to enforce this Agreement.

Section 10.7. No Third-Party Beneficiaries.

Nothing in this Agreement shall create, or be construed to create, any third-party beneficiary rights.

Section 10.8. Tax Covenant.

The Commission and each Member shall not take, or omit to take, any action lawful and within its power to take, which action or omission would cause interest on any Bond to become subject to federal income taxes in addition to federal income taxes to which interest on such Bond is subject on the date of original issuance of such Bond.

Section 10.9. Waiver.

No waiver of any provision of this Agreement shall be deemed to or constitute a waiver of any other provision of this Agreement (whether or not similar) nor shall any such waiver be deemed to or constitute a continuing waiver unless otherwise expressly provided in this Agreement.

Section 10.10. Rights Cumulative.

Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement shall be cumulative and shall not be exclusive of any other such rights, remedies, and benefits allowed by law.

Section 10.11. Regulatory Bodies.

This Agreement will be subject to all valid rules, regulations, and laws applicable to this Agreement passed and promulgated by the United States of America, the State of Illinois, or any other governmental body or agency having lawful jurisdiction, or any authorized representative or agent of any of them; provided, however, that this Section will not be construed as waiving the right of any Party to challenge the validity of any such rules, regulations, or laws on any basis, including the impairment of this Agreement. The Parties through this Agreement seek to exercise and maintain all sovereign rights granted to them under and through the Constitution and laws of the State of Illinois.

Section 10.12. Evidence of Actions.

Any action hereunder to be taken by the Commission or any Member may be evidenced by a copy of official proceedings (including pertinent minutes, motions, resolutions, or ordinances) duly certified by the Clerk of such Member or by the Secretary of the Commission.

Section 10.13. Severability.

If any part, term, or provision of this Agreement is held invalid, void or unenforceable by a court of competent jurisdiction for any reason, the remainder of this Agreement shall be interpreted, applied and enforced as to achieve, as near as may be, the purpose and intent of this Agreement to the maximum extent possible.

Section 10.14. Binding Effect.

The terms of this Agreement shall bind and inure to the benefit of the Parties and their agents, successors, and assigns.

Section 10.15. Time.

Time is of the essence in the performance of this Agreement.

Section 10.16. Governing Law.

This Agreement shall be governed by, and enforced in accordance with, the internal laws, but not the conflicts of laws rules, of the State of Illinois.

Section 10.17. Superseder.

The terms of this Agreement do not supersede the terms of the IGA. In the event of a question regarding the interpretation or application of this Agreement and the IGA, these documents shall be read together.

[signatures on following pages]

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Grand Prairie Water Commission, an
Illinois regional water commission,
municipal corporation and body politic
and corporate

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

*Contact Party for Grand Prairie Water
Commission:*

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Channahon, an Illinois home rule
municipal corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the Village of Channahon:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

City of Crest Hill, an Illinois municipal
corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the City of Crest Hill:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

City of Joliet, an Illinois home rule
municipal corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the City of Joliet:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Minooka, an Illinois municipal
corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the Village of Minooka:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Romeoville, an Illinois home
rule municipal corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the Village of Romeoville:

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Village of Shorewood, an Illinois home
rule municipal corporation

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

Contact Party for the Village of Shorewood:

Name: _____

Address: _____

Telephone: _____

Email: _____

EXHIBIT A**MEMBERS' DECLARED MAXIMUM DAY DEMANDS AND
ESTIMATED BUILDOUT DECLARED MAXIMUM DAY DEMANDS**

<u>Member</u>	<u>Declared 2050 Maximum Day Demand (MGD)</u>	<u>Estimated Buildout Declared Maximum Day Demand (MGD)</u>
Village of Channahon	4.04	6.34
City of Crest Hill	Total: 4.18 Amount of Total Attributable to Stateville Correctional Center: 1.22	Total: 4.18 Amount of Total Attributable to Stateville Correctional Center: 1.22
City of Joliet	32.00	65.00
Village of Minooka	4.00	9.39
Village of Romeoville	6.25	8.25
Village of Shorewood	4.80	10.40
MEMBER TOTALS:	55.27	103.56
Future Customer Reserve – Village of Lemont	4.00	6.00

EXHIBIT B**AREAS WITHIN MEMBERS THAT ARE SERVED BY OTHER WATER SUPPLIERS****City of Crest Hill:**

Served by City of Joliet (1659 Plainfield Road; 1670 Theodore Street; 1680 Theodore Street)

Village of Channahon:

Served by City of Joliet (East of I-55, as shown on attached map, page B-2)

City of Joliet:

Served by City of Crest Hill (1600 North Larkin Avenue)

Served by Village of Plainfield (The Boulevard as shown on attached map, page B-3)

Served by Southeast Joliet Sanitary District (Sunset Point as shown on attached map, page B-4)

Served by Village of Elwood (24242 South Intermodal Court, Elwood, IL)

Village of Minooka:

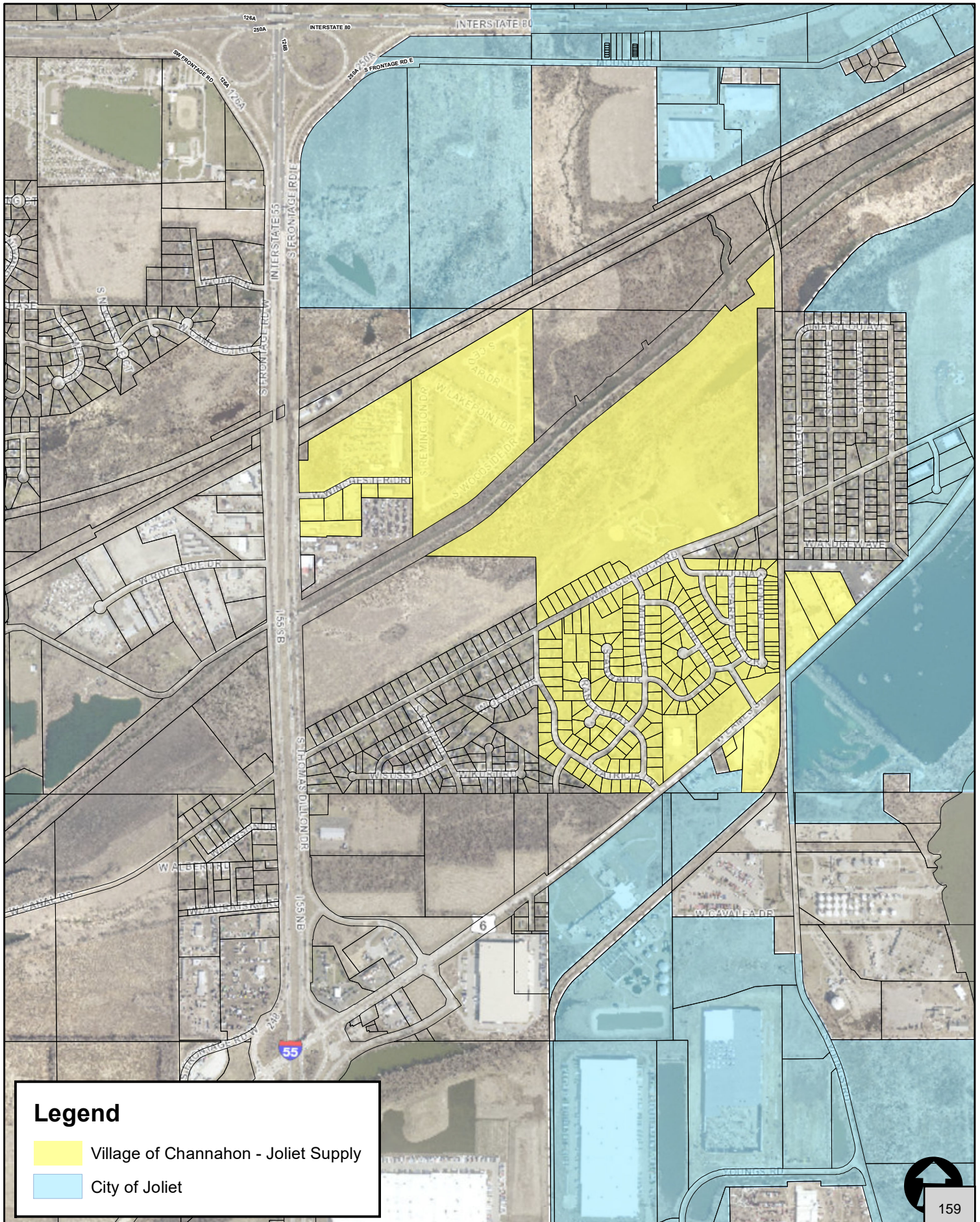
None

Village of Romeoville:

Served by Illinois American Water Company (1400 Bluff Road, Romeoville; 1408 Bluff Road, Romeoville; 1412 Joliet Road, Romeoville; 1413 Sherman Drive, Romeoville; 1424 Sherman Drive, Romeoville; 1404 Sherman Drive, Romeoville; 1414 Sherman Drive, Romeoville; 1428 Sherman Drive, Romeoville; 1404 Joliet Road, Romeoville; 310 E Crossroads Parkway, Bolingbrook; 309 E Crossroads Parkway, Bolingbrook; 150 E Crossroads Parkway, Bolingbrook; 115 E Crossroads Parkway, Bolingbrook; 101 E Crossroads Parkway, Bolingbrook; 571 S Joliet Road, Bolingbrook; 300 E Crossroads Parkway, Bolingbrook; 1426 Sherman Drive, Romeoville; 825 Bluff Road, Romeoville; 815 Bluff Road, Romeoville; 821 Bluff Road, Romeoville; 279 Marquette Drive, Bolingbrook; 273 Marquette Drive, Bolingbrook; 265 Marquette Drive, Bolingbrook; 175 E Crossroads Parkway, Bolingbrook; 1001 W Bluff Road, Romeoville; 901 W Bluff Road, Romeoville; 1404 Joliet Road Sprinkler, Romeoville)

Village of Shorewood:

Served by City of Joliet (19356 NE Frontage Road; 19521 NE Frontage Road; 19755 NE Frontage Road; 4355 W Jefferson Street; 4303 W Jefferson Street; 19515 NE Frontage Road; 19641 NE Frontage Road; 19715 NE Frontage Road; 19735 NE Frontage Road; 23435 Black Road)





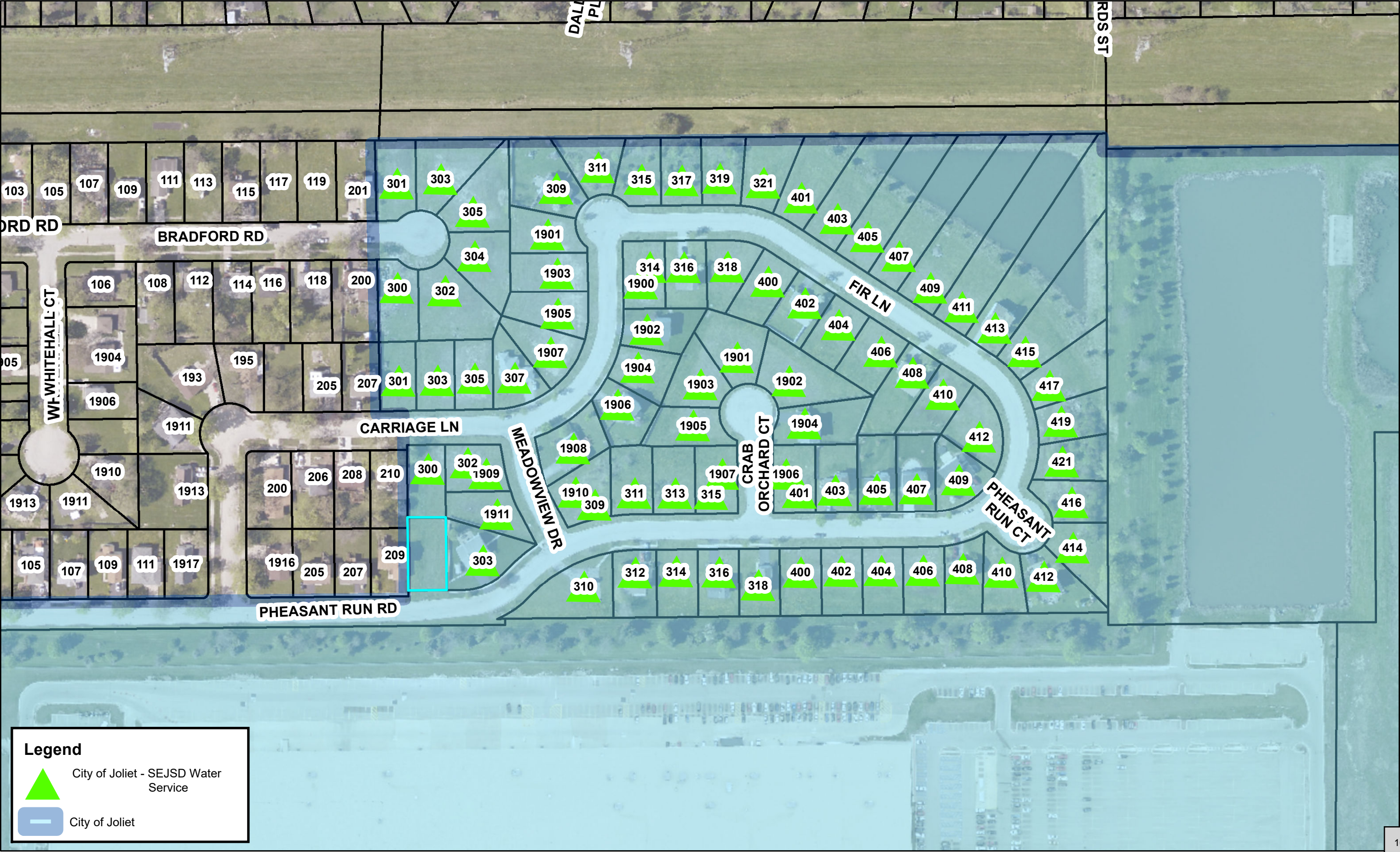


EXHIBIT C**AREAS SERVED BY MEMBERS OUTSIDE OF THE
MEMBER'S CORPORATE BOUNDARIES**

Village of Channahon:
Wholesale: None
Retail: None
Emergency Interconnections: Village of Minooka

City of Crest Hill:
Wholesale: None
Retail: Serves City of Joliet (1600 North Larkin Avenue)
Emergency Interconnections: City of Joliet

City of Joliet:
Wholesale: Serves Aqua Illinois (Oakview Area System as shown on attached map, page C-3) Village of Channahon (East of I-55, as shown on attached map, page C-4)
Retail: Serves City of Crest Hill (1659 Plainfield Road; 1670 Theodore Street; 1680 Theodore Street) Unincorporated areas referred to as Fairmont Subdivision (Lockport Township), Ridgewood, and Shawnita, all as depicted on the attached map, as well as individual addresses shown on attached map, page C-5 Serves Village of Elwood (2105 Logistics Court) Serves Village of New Lenox (3617 Wimborne Avenue; 3619 Wimborne Avenue; 3621 Wimborne Avenue; 3623 Wimborne Avenue; 3625 Wimborne Avenue; 3627 Wimborne Avenue; 3701 Wimborne Avenue; 3703 Wimborne Avenue; 3705 Wimborne Avenue; 3707 Wimborne Avenue) Serves Village of Shorewood (19356 NE Frontage Road; 19521 NE Frontage Road; 19755 NE Frontage Road; 4355 W Jefferson Street; 4303 W Jefferson Street; 19515 NE Frontage Road; 19641 NE Frontage Road; 19715 NE Frontage Road; 19735 NE Frontage Road; 23435 Black Road)

Emergency Interconnections:
 City of Crest Hill
 Illinois American Water Company
 Southeast Joliet Sanitary District
 Village of Elwood
 Village of Rockdale

Village of Minooka:

Wholesale: None

Retail:

Serves 11450 N. Tabler Road
 5836 E. Minooka Road
 Rest Area, Shady Oaks Road
 8410 McEvilly Road
 Rest Area, I-80 Westbound
 8960 Condor Court

Emergency Interconnections:
 Village of Channahon

Village of Romeoville:

Wholesale: None

Retail:

Unincorporated areas of Crossroads, Carillon, and Lakewood Falls as depicted on attached map, page C-6

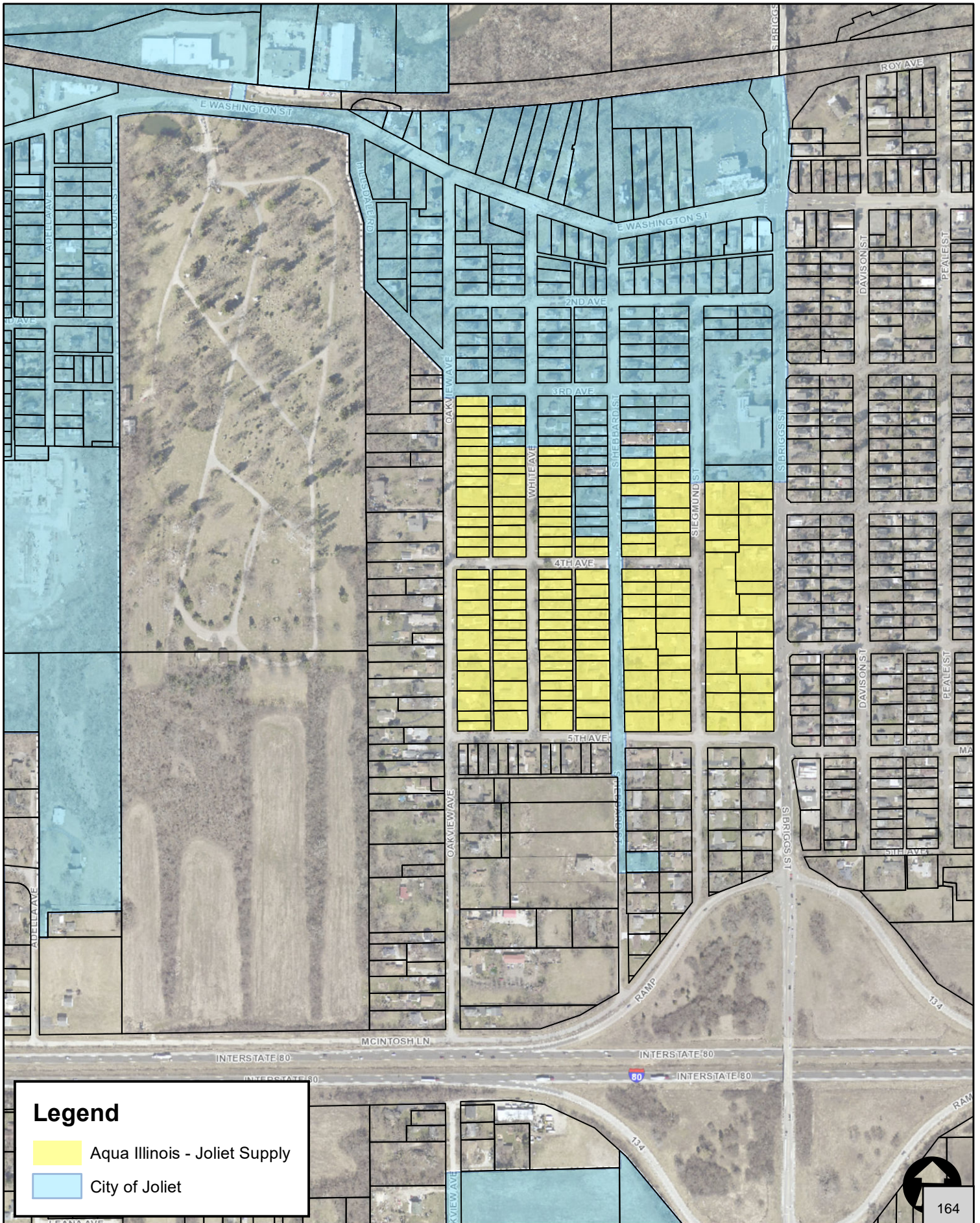
Emergency Interconnections: None

Village of Shorewood:

Wholesale: None

Retail: None

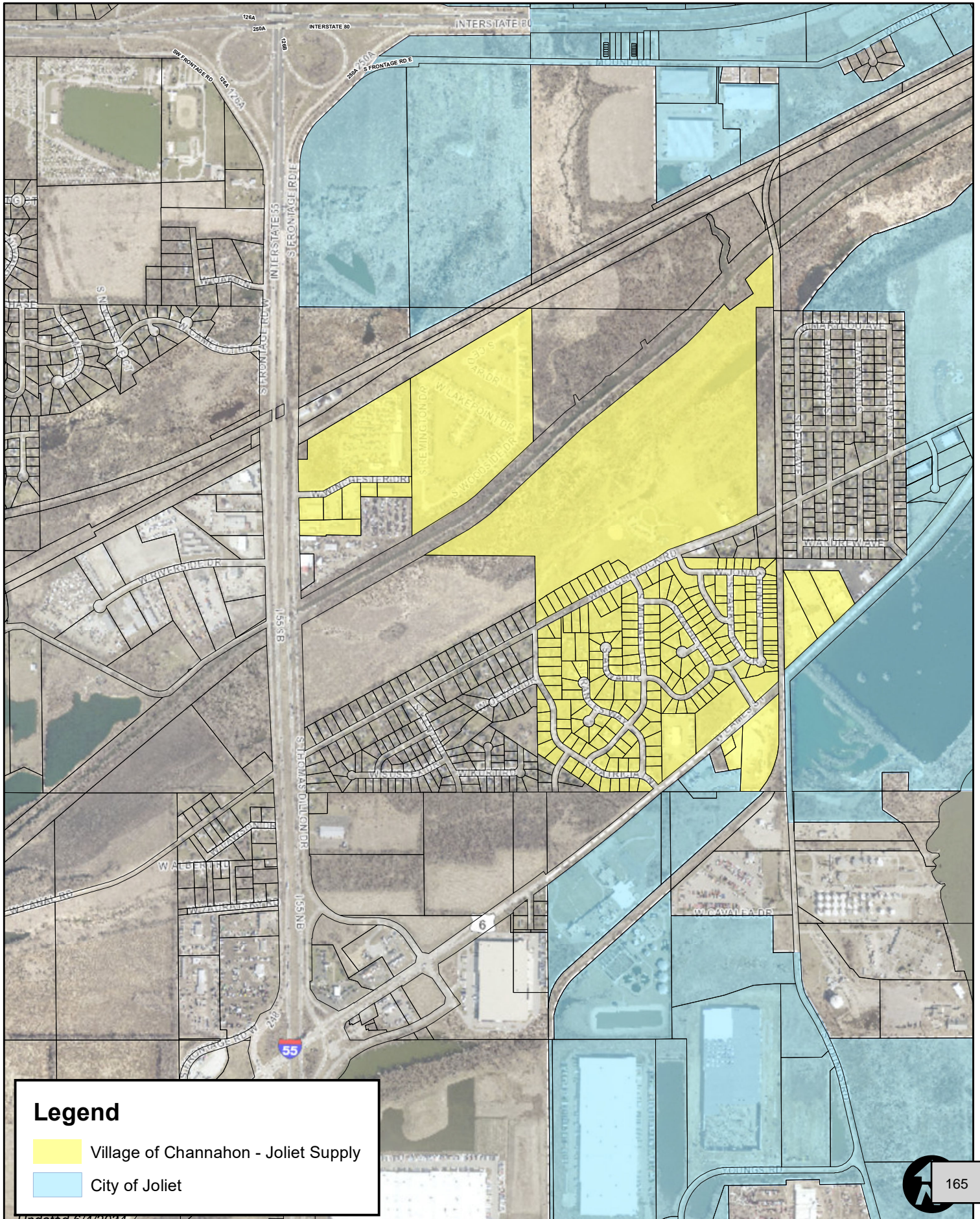
Emergency Interconnections: None

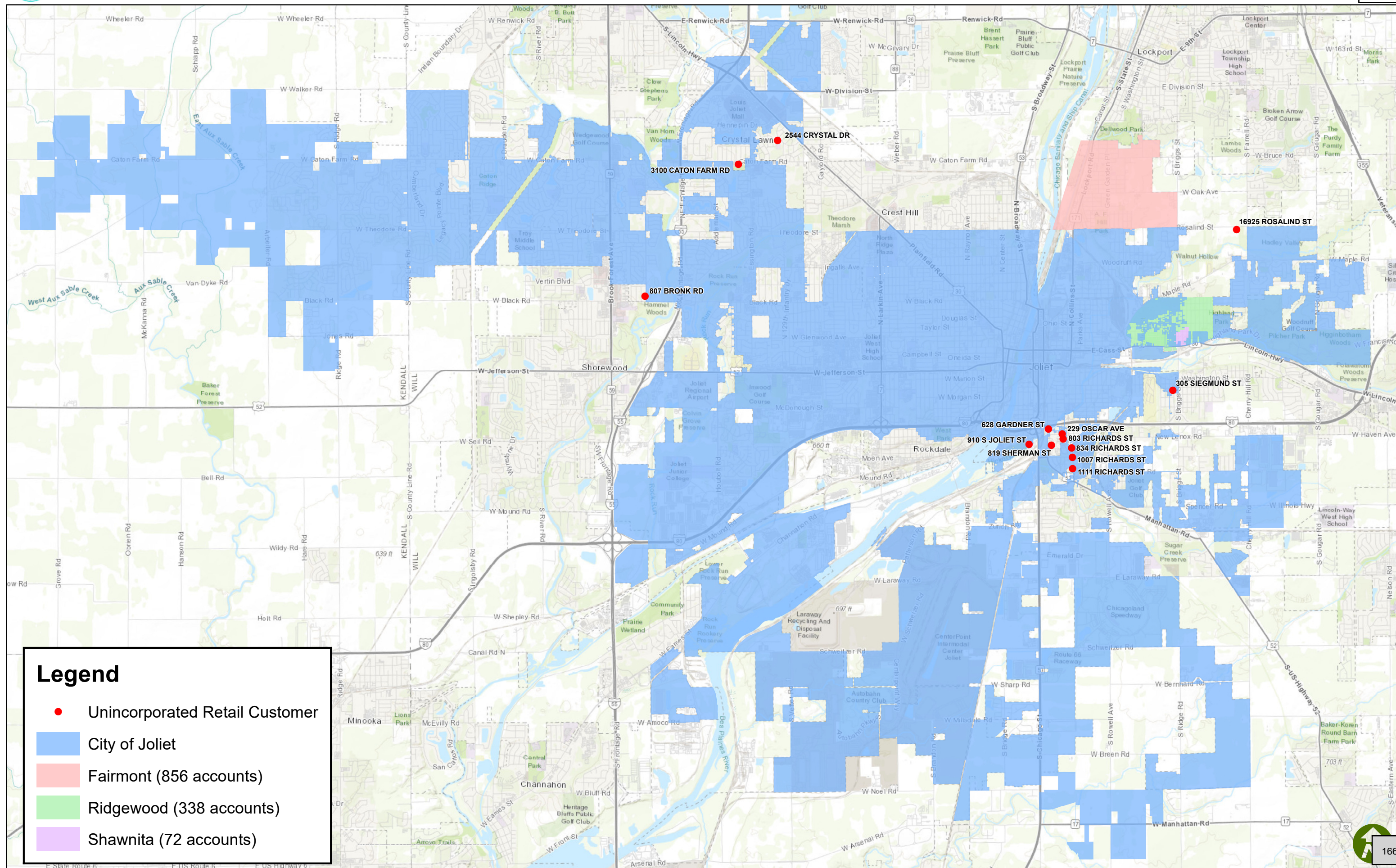


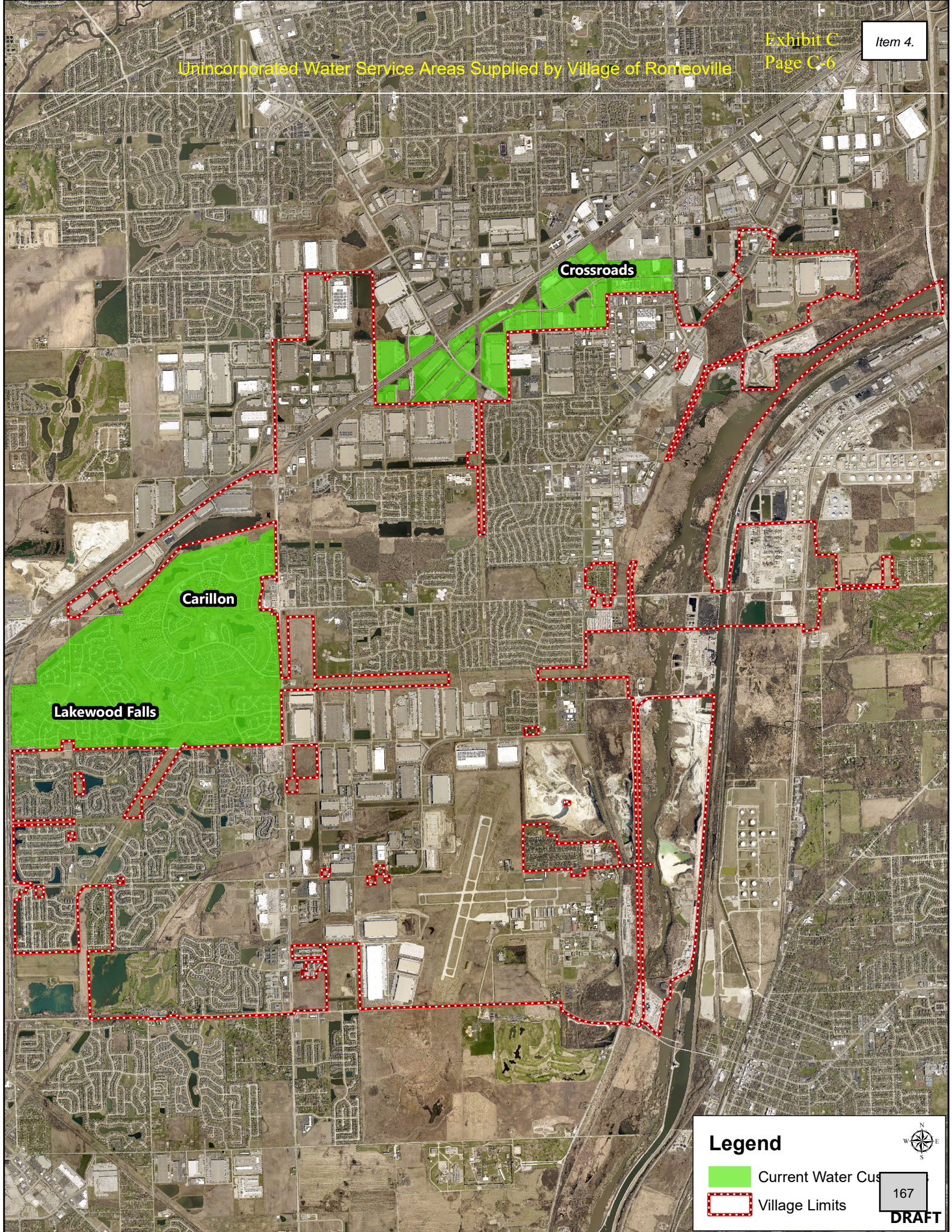
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Aqua Illinois - Joliet Supply

City of Joliet







Crossroads

Carillon

Lakewood Falls

Legend

- Current Water Cus
- Village Limits



EXHIBIT D**ROMEOTVILLE DELIVERY POINT CREDIT**

The Village of Romeoville has reevaluated the location of its primary Water Delivery Structure and proposes to place it at a site in the Village of Romeoville that will be identified by Romeoville pursuant to Section 4.8(a). The basis for the credit is described in this Exhibit.

1. Description of the Relocation Work.

A. Original Primary Delivery Point: This location is located north of I-55 and includes Romeoville's existing water storage (1.0 MG) and pumping station site (4.0 MGD). If the primary delivery point is at this site, (i) the Commission transmission main will require significant extension, including a bore and jack under and across I-55; and (ii) Romeoville would add 4.6 MGD in pump station capacity and construct local distribution and transmission main improvements to distribute water from the delivery point throughout the Romeoville distribution system.

B. Alternate Location for Primary Delivery Point: This location is owned by Romeoville, is not currently used for water facilities and will be developed for Romeoville's primary Water Delivery Structure. Romeoville will construct the facilities necessary for it to accept delivery for transmission to its customers, including but not limited to two new water storage tanks and a water pumping station at this location, and demolish the existing tank and booster station at the Original Primary Delivery Point and other off-site facilities made redundant by the improvements to be made at the Alternate Location for Primary Delivery Point as part of its work, at a cost of at least \$25,000,000.00. The extension of the Commission transmission main to this location will be significantly shorter and will not require a crossing of I-55, and Romeoville's local distribution and transmission main improvements will be significantly less extensive.

2. Romeoville's Request for Credit. Romeoville has requested that the Commission provide a credit to Romeoville for \$3,160,865 of its additional costs associated with the Alternate Primary Delivery Point.

3. Basis for and Terms of the Credit.

A. Based on review of the Romeoville proposal, the Commission has determined that authorizing the change to Romeoville's Alternate Primary Delivery Point: (i) will result in increased capital costs to Romeoville by approximately \$7.66 million and reduced capital costs to the Commission by approximately \$11.28 million, and (ii) will not increase capital costs of another Member.

B. Following completion of the work at the Original Primary Delivery Point and the Alternate Primary Delivery Point by Romeoville described in this Exhibit, Romeoville shall submit a report to the Commission describing the construction and demolition work that Romeoville has performed. All work described in Section 1.B above shall be completed by Romeoville not later than the Targeted Water Delivery Date and the demolition work described in Section 1.A above

to remove the existing tank and booster station shall be completed by Romeoville not later than December 31, 2035. In the performance of this work, Romeoville shall comply with the water storage requirements of Section 4.6 of this Agreement to enable the Commission to comply with the water storage requirements of the Chicago Water Supply Agreement.

4. The Credit.

The credit will be in the fixed dollar amount of \$3,160,865 and not based on a percentage of construction costs or other method, and will be applied to Romeoville's share of the Program Capital Costs Primary and Capital Costs Non-Primary.

The credit will be eliminated if Romeoville does not construct the improvements described in Section 1.B above, with appropriate adjustments to be made to Romeoville's proportionate share of the Capital Primary and Capital Costs Non-Primary amount by removing the credit amount so as to place Romeoville and the Commission in the position that they would have been had credit not been included in this Agreement.

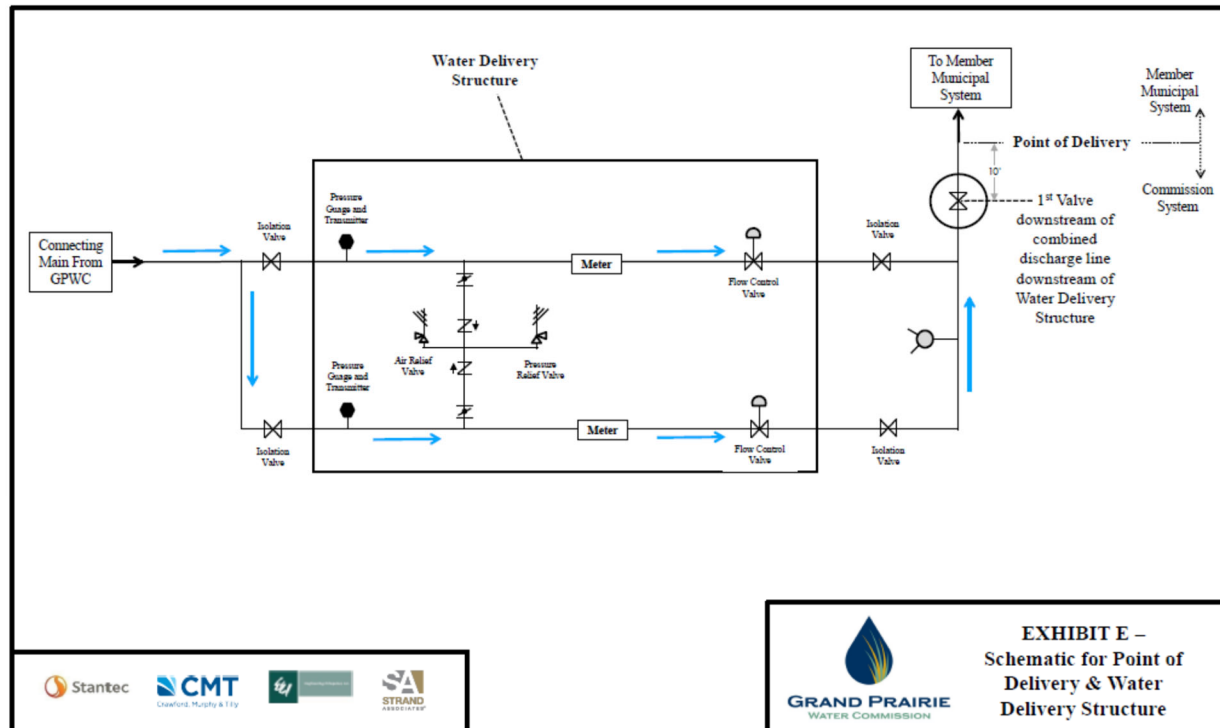
EXHIBIT E**WATER DELIVERY STRUCTURE AND POINT OF DELIVERY DIAGRAM**

EXHIBIT E

1

Grand Prairie Water Commission Water Supply Agreement

INTERGOVERNMENTAL AGREEMENT FOR PROGRAM MANAGEMENT

This Intergovernmental Agreement (“Agreement”) is made as of ***[date to be determined]***, by and between the GRAND PRAIRIE WATER COMMISSION, an Illinois regional water commission, municipal corporation and body politic and corporate, (“**Commission**”) and the CITY OF JOLIET, an Illinois home rule municipal corporation (“**Joliet**”) (each a “**Party**” and collectively, “**Parties**”).

In consideration of the recitals and the mutual covenants and agreements set forth in this Agreement, the Parties agree as follows:

ARTICLE 1 **RECITALS¹**

1.1 Article VII, Section 10 of the 1970 Constitution of the State of Illinois authorizes units of local government to contract or otherwise associate among themselves and with certain other governments "to obtain or share services and to exercise, combine or transfer any power or function, in any manner not prohibited by law or by ordinance" as well as to use their revenues, credit and other resources for such activities.

1.2 The Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, (“**IC Act**”) also authorizes the joint use and enjoyment of the powers, privileges, functions and authority of such governments.

1.3 Pursuant to the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.* (“**RWC Act**”), the Grand Prairie Water Commission has been established by the Village of Channahon, the City of Crest Hill, the City of Joliet, the Village of Minooka, the Village of Romeoville, and the Village of Shorewood (each a “**Member**” and collectively “**Members**”) in order to provide adequate supplies of water on an economical and cost-effective basis for the Members individually, including without limitation to provide a joint waterworks system and common source of supply of Water for use as provided in this Agreement.

¹All defined terms initially appear in bold and italics and thereafter as capitalized words and phrases throughout this Agreement. They shall have the meanings set forth in the preamble, in Articles 1 and 2, and elsewhere in this Agreement.

1.4 The Parties have authority to enter into this intergovernmental agreement pursuant to the RWC Act, the IC Act, Article VII, Section 10 of the 1970 Illinois Constitution of the State of Illinois and other applicable law.

1.5 A Program has been developed and agreed upon by the Members for the development of a joint waterworks system and common source of supply of Water as described in the Basis of Design.

1.6 The Commission and its Members have reviewed the scope of the Program and recognize that Joliet has been managing the Program commencing in February 2021 through the Effective Date in order to implement the Program to bring Water to the Commission and its Members.

1.7 The Commission has determined that Joliet has the necessary resources and skills to assist the Commission in implementing the Program for the Commission and desires to enter into this Agreement with Joliet pursuant to which Joliet will serve as the Program Manager.

1.8 Pursuant to Section 7.1(b) of the Water Supply Agreement, the Commission and the Members have agreed to retain Joliet as the Program Manager.

1.9 The Commission and Joliet have agreed that Joliet will implement the Program with the cooperation and support of the Commission pursuant to this Agreement, in order to enable completion of the initial Commission System in sufficient time to allow the delivery of Water to the Commission and its Members by the Targeted Water Delivery Date.

1.10 The Commission recognizes that it will be necessary for the Commission to perform certain functions and obligations following formation but has determined that it is not practical or cost-effective for the Commission to hire employees until the later phases of the Program. During the initial time period, the Commission will procure services from consulting firms to perform some of the necessary administrative and financial functions of the Commission. Joliet has agreed to perform certain additional functions necessary for Commission operations

and will manage and/or coordinate with other consulting firms retained by the Commission, only until such time as the Commission is able to employ or retain personnel for those functions.

ARTICLE 2 **DEFINITIONS**

Whenever used in this Agreement and Exhibit A attached, the following terms shall have the following meanings unless a different meaning is required by the context:

“Agreement” means this agreement.

“Basis of Design” means the document containing the rationale, principles, criteria, considerations, assumptions, special requirements, and constraints, to be used for the design of the initial Commission System and implementation of the Program and establishes a baseline for Program costs, a copy of which is attached as Exhibit A. The Basis of Design may be amended from time to time as provided in this Agreement and the Bylaws.

“Bylaws” means the bylaws of the Commission as adopted and as amended from time to time by the Board of Commissioners.

“Commission” means the Grand Prairie Water Commission, Illinois and established by the IGA.

“Commission Management Services” means the services described in Section 4.3.

“Commission System” means the waterworks and water supply system of the Commission to bring Water to the Members, as it may be modified from time to time.

“Effective Date” means the date on which this Agreement is executed by all of the Parties.

“Fiscal Year” means the Commission’s fiscal year.

“IC Act” means the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*

“IGA” means the “Intergovernmental Agreement to Establish the Grand Prairie Water Commission” dated June ____, 2024, as amended from time to time.

“Management Fee” means the fee paid to Joliet for the Services, as described in Article 6.

“Member” or **“Members”** means all municipalities that are Charter Members or that become Additional Members of the Commission pursuant to the IGA. The term “Members” does not include municipalities that have withdrawn from the Commission pursuant to the IGA. Member or Members does not include Customers.

“Municipal System” means the waterworks or combined waterworks and sewage system of a Member.

“Operations and Maintenance Liaison” means the Joliet employee designated in Section 5.1.

“Program” means all activities necessary for design, acquisition, construction, start-up and commissioning of the initial Commission System which will be designed and constructed by the Commission consistent with the Basis of Design, and also includes certain items necessary for the delivery of Water and for which the cost of construction will be paid by the City of Chicago and which will be owned by the City of Chicago pursuant to that certain Water Supply Agreement between the City of Chicago and the City of Joliet dated May 1, 2023, which has been or will be assigned to the Commission by Joliet.

“Program Budget” means the budget for the performance of the Program, as it may be amended from time to time, as approved by the Board of Commissioners.

“Program Director” means the Joliet employee designated in Section 5.1.

“Program Finance Director” means the Joliet employee designated in Section 5.1.

“Program Management Services” means the services described in Section 4.2.

“Program Manager” means the City of Joliet.

“Program Schedule” means the schedule for the performance of the Program, as it may be amended from time to time, as approved by the Board of Commissioners.

“Program Team” means the professional service and consultant firms retained by Joliet for implementation of the Program.

“RWC Act” means the Regional Water Commissions Act, 65 ILCS 5/11-135.5-1 *et seq.*, as amended from time to time.

“Services” means the Commission Management Services and the Program Management Services.

“Targeted Water Delivery Date” means May 1, 2030, unless amended or modified as provided in this Agreement and the Bylaws.

“Water” means Lake Michigan water.

“Water Supply Agreement” means the “Water Supply Agreement between the Grand Prairie Water Commission and its Members” dated _____, 2024, as amended from time to time.

ARTICLE 3

TARGETED WATER DELIVERY DATE; SCHEDULE AND BUDGET

3.1 Targeted Water Delivery Date. The Program will be implemented by Joliet in coordination with the Commission pursuant to a Program Schedule to enable the commissioning and start-up of the initial Commission System by the Targeted Water Delivery Date. The Commission agrees to coordinate and cooperate with Joliet in order to achieve the delivery of Water in the manner described in the Water Supply Agreement by the Targeted Water Delivery Date.

3.2 Schedule and Budget. Joliet will manage the Program from and after the Effective Date and throughout the Term in a manner consistent with the Program Schedule and Program Budget.

3.3 Term. This Agreement will commence on the Effective Date and terminate on the date on which all Program-related contracts, including without limitation construction contracts and professional services contracts, are closed or concluded, which is anticipated to be May 1, 2031 (**“Term”**). Joliet shall notify the Commission when all Program-related contracts have been closed or concluded. The Term and the Management Fee may be amended by mutual agreement of the Commission and Joliet.

ARTICLE 4

PROGRAM MANAGEMENT

4.1 Scope of Services. Joliet shall provide, perform and complete all of the Services described in this Article, including Program Management Services and Commission Management Services (except as provided in Section 4.3). Except where otherwise provided, the term “management” when referring to actions by Joliet includes Program-related contracts entered into by Joliet, including without limitation those identified in Section 5.2. Joliet shall act for the mutual benefit of the Commission and the Members at all times in the performance of the Services.

4.2 Scope of Program Management Services. Joliet shall provide, perform and complete the following in connection with the management of the Program for the purpose of enabling the delivery of Water from the City of Chicago to the Commission for delivery to the Members, all of which are referred to in this Agreement as the “**Program Management Services**”.

A. Design:

- i. Management of preliminary design and final design, including activities necessary for the completion of design, such as field testing and investigation of factors that may impact the design, performed by the Program Team. The initial Commission System will be designed in a manner consistent with the Basis of Design.
- ii. Review all Program deliverables prepared by the Program Team.
- iii. Review Program design documents for conformance with the Basis of Design and for analysis of anticipated operation and maintenance matters for the initial Commission System.

B. Permitting and Land Acquisition:

- i. Permitting: Management of the process of the Commission applying for and obtaining permits and other governmental approvals on behalf of the

Commission.

- ii. Land Acquisition: Management of the process of the Commission acquiring necessary land and other interests in real estate on behalf of the Commission for the construction and installation of the initial Commission System. Land acquisition will be in accordance with all applicable federal and state funding requirements (such as the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970).
- iii. Approvals: The Program Director is authorized to approve and execute all applications and all permits and related agreements for activities pertaining to the Program. Unless otherwise determined by the Board of Commissioners, the Board of Commissioners shall approve all fee simple acquisitions of land for the Commission and shall be provided a reasonable time for review and discussion of any such acquisitions prior to approval. The Program Director is authorized to execute agreements for easements and other interests in land (excluding fee simple interests) on behalf of the Commission in a form substantially similar to a form of agreement approved by the Commission and in amounts not to exceed the value of each easement or other interest in land plus twenty-five percent (25%) of the value up to a maximum of fifty thousand dollars (\$50,000.00). The value shall be determined by appraisal or by waiver valuation as required by the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended, (42 U.S.C. §4601 *et seq.*) and regulations implementing the Act. The Program Director will review the log of such permits and agreements and easement agreements with the Technical Advisory Committee.

- iv. Cooperation: The Commission will cooperate with Joliet in connection with acquisition of land or other interests in real estate, and will not unreasonably refuse to accept assignment of such permits, approvals, and land and other interests in real estate from Joliet that were obtained, acquired or put under contract by Joliet prior to the establishment of the Commission.
- C. Program Schedule and Budget: Facilitate, oversee and manage the preparation of an updated Program Schedule and an updated Program Budget on an annual basis and present the updated Program Schedule and updated Program Budget as part of adjusting and establishing a revised baseline schedule and budget each year, or more frequently if required. The updated Program Schedule and updated Program Budget may be presented separately or concurrently. The Program Schedule and Program Budget as of the Effective Date are included as part of the Basis of Design attached as Exhibit A.
- D. Procurement: Management of the procurement process for contracts for implementation of the Program and provision of services from Joliet in support of Commission procurements to implement the procurement process. Bidding and award will be consistent with Section 4.9 of this Agreement.
- E. Management of Pre-Construction Services. Management of the pre-construction services being provided for a portion of the Program known as the Chicago connection facilities.
- F. Construction Management: Management of construction-related engineering and other services provided in connection with all Program construction contracts.
- G. Start-up and Commissioning: Management of the commissioning of the initial Commission System, including start-up, training, and the assistance described in Section 4.10 of the Water Supply Agreement.

- H. Financial Matters: Management of Program-related budget development and controls, funding strategy implementation, debt, loan and grant issuance and management, and funding compliance; coordinate with Program Team on Program insurance requirements; administer financing for Program development costs being financed by Joliet (pursuant to loans from the U.S. Environmental Protection Agency's program under the Water Infrastructure Finance and Innovation Act (WIFIA) and revenue bonds); administer financing for Program construction costs including WIFIA loans, state public water supply revolving fund loans and revenue bonds by the Commission.
- I. Public Education/Outreach: Management of public education and provision of information to the public on the work of the Program and support Members in connection with their public education and outreach efforts regarding the Program.
- J. Professional/Industry Outreach: Represent and promote the Commission and the Program by attending and/or making presentations about the Program at programs, meetings and conferences of technical, professional and industry organizations related to the mission of the Program and the Commission.
- K. Governmental Outreach: Management of and participation in governmental affairs and related activities in connection with the Program, and coordinate with the government advocacy team retained by the Commission for federal, state and local advocacy in support of Program activities, including legislation, rules and ordinances, funding opportunities, permitting and land acquisition. Joliet may, at its expense, retain its own government advocacy team for matters pertaining to activities that are unique to Joliet in particular, including legislation, rules and ordinances, funding opportunities, permitting and land acquisition.

- L. Legal: Management of legal services provided by legal counsel to the Program which will be coordinated as needed with legal counsel to the Commission.
- M. Oversight: Management of Program activities, including risk management, product and material sourcing, Program controls, cost forecasting and tracking, schedule development and management, reporting, independent review activities, and value engineering.

4.3 Scope of Commission Management Services. Joliet shall provide, perform and complete the following in connection with the management of the Commission, all of which are referred to in this Agreement as the ***“Commission Management Services”***. The Commission, in its sole discretion, and in coordination with Joliet, may hire employees or consultants to assume portions of the Commission Management Services during the Term as the initial Commission System is designed and constructed. Upon notice from the Commission of its intent to appoint or retain one or more of such employees or consultants, Joliet and the Commission will coordinate regarding (i) the extent of the Commission Management Services to be performed by the employee(s) or consultant(s) and plan for the transition of that portion of the Commission Management Services and (ii) adjustment of the Management Fee pursuant to Section 6.1.B.

- A. Commission Administrative Support: Management of administrative tasks and activities necessary to support the Commission’s operation as a regional water commission, municipal corporation and body politic and corporate, including without limitation: preparation of meeting agendas for the Board of Commissioners and Technical Advisory Committee; acting as the Commission’s Freedom of Information Act officer; develop and present administrative rules and orders; develop and present operational procedures and practices; recommend Commission policies, plans and procedures; and purchase of materials and services pursuant to Commission purchasing policy.

- B. Financial Matters: Management of and coordination with the provider of financial and accounting services retained or hired by the Commission; manage preparation of the Commission budget; manage preparation of the monthly Commission financial report and present to the Technical Advisory Committee and Board of Commissioners; manage Commission insurance matters; development and maintenance of Commission purchasing policies; manage non-Program procurement by the Commission.
- C. Human Resources: Management of and coordination with the Commission regarding (i) development and preparation of job descriptions for positions to be held by future employees of the Commission and recruitment of candidates for the positions, including advertising of positions, managing the recruitment and interview process, review of credentials of candidates for positions and assist the Board of Commissioners in hiring of Commission employees and (ii) development and preparation of requests for qualifications and/or proposals for consultants to perform a portion of the Commission Management Services, including advertising of the request for qualifications and/or proposals, manage the review of credentials and the interview process, and assist the Board of Commissioners in the retention of such consultants.
- D. Public Education/Outreach: Management of public education and provision of information to the public on the work of the Commission and support Members in connection with their public education and outreach efforts regarding the Commission.
- E. Commission Operational Support: Serve as the Commission's responsible operator in charge of the initial Commission System as required by law, and provide input on Commission operational procedures and practices during construction of the initial Commission System.

4.4 Joliet Roles and Responsibilities. In connection with providing the Services, Joliet will provide Joliet personnel to fill the following roles: Program Director, Program Finance Director, and Operation and Maintenance Liaison. Joliet agrees that while it is serving as Program Manager, the Program Director and Program Finance Director will not be a Delegate or Alternate Delegate to the Technical Advisory Committee.

4.5 Joliet Reports and Information to the Commission

A. Joliet will provide the following reports to the Commission regarding the Program:

i. Monthly written Program Manager reports to the Commission, which will include updates regarding the status of and progress on the Program and its progress toward completion of the initial Commission System. The Program Manager reports will include a narrative summary of Program highlights, Program Schedule updates, and updates related to various Program activities, including program management, independent review, funding, coordination with Chicago, procurement, advocacy, and public outreach. Reports will also include tables summarizing information related to the Program Budget and Program Schedule status (baseline budget, current commitments, costs-to-date, estimate-at-completion, and baseline and projected finish dates) at both (a) the Program level and (b) the level of individual work packages.

ii. Periodic construction cost reports (which shall be monthly after commencement of construction and which may be part of the monthly Program Manager report or submitted separately) comparing the Program Budget to the engineers' final opinions of probable construction cost for the construction bid packages, contract prices at time of award, adjustments made to original contract prices through change orders, actual amounts expended on construction contracts to date and funds available for completion of construction.

iii. An annual report summarizing overall progress, highlights, accomplishments, expenditures, and status of the Program and the initial Commission System.

iv. Periodic reports regarding Commission Management Services performed on behalf of the Commission.

B. Supporting Documents. Joliet will provide to the Commission materials requested by the Commission that pertain to the Program and/or the Commission System that Joliet may have in connection with Joliet's provision of Services under this Agreement for inspection and audit, such as copies of the plans and specifications for the initial Commission System, invoices and pay requests, and Program deliverables such as reports and technical materials. Members of the Board of Commissioners may request that the Board of Commissioners request such documents from Joliet.

4.6 Commission Opportunities for Review and Input on Services.

A. The Program Director and Program Finance Director shall attend all meetings of the Technical Advisory Committee and the Board of Commissioners as part of the performance of the Services. The Program Director shall attend the Members' meetings of their Village Boards and City Councils upon request.

B. The updated Program Schedule and Program Budget prepared pursuant to Section 4.2.C will be presented to the Board of Commissioners for review, discussion and approval. Prior to action by the Board of Commissioners, the updated Program Schedule and Program Budget will be presented to the Technical Advisory Committee for review and discussion, and the Technical Advisory Committee shall make a recommendation to the Board of Commissioners regarding action thereon. Upon approval by the Board of Commissioners, the new Program Schedule and Program Budget may be referred to as the re-baselined Program Schedule and re-baselined Program Budget, respectively.

C. The Technical Advisory Committee will perform the functions and duties provided in the Bylaws and the Program Director and Program Finance Director shall receive and consider input from the Technical Advisory Committee on those items.

4.7 Advanced Development Costs and Advanced Construction Costs. Joliet will provide financing sufficient to advance on the Commission's behalf for payment of the Advanced Development Costs and Advanced Construction Costs as described in the IGA and the Water Supply Agreement, which include Services provided under this Agreement.

4.8 Cost Controls. Joliet will monitor the relevant markets for materials, equipment, and construction services and develop strategies to control costs and identify other potentially beneficial cost control measures for implementation in connection with the management of the Program. The Technical Advisory Committee will review and discuss pending elements of the initial Commission System, bidding conditions and contracting strategies for cost and schedule implications prior to issuance of any construction bid packages and make recommendations, in coordination with the Program Director, to the Board of Commissioners.

4.9 Construction Contracts.

A. Commission to Contract for Construction. Unless otherwise agreed by the Parties, the Commission will approve and enter into contracts with construction contractors and other vendors as necessary and provide financing sufficient to pay all costs associated with construction of the initial Commission System.

B. Bidding and Award of Contracts. Contracts will be bid and awarded pursuant to the process established in the RWC Act, and in compliance with all state and federal funding requirements, other applicable law, and internal rules adopted by the Board, if any. In the event of any conflict between the requirements of this Agreement and the requirements of any internal rules adopted by the Board, the requirements of this Agreement shall control. Joliet shall manage the process for contract bidding, evaluation and award in accordance with the following:

i. The plans and specifications for a construction contract work package (or advance purchase of equipment for a future construction contract) will be submitted to Joliet by the design professionals on the Program Team at the one hundred percent (100%) complete design stage. Following review by the independent review firm retained by Joliet, Joliet in its role as Program Manager shall review the plans and specifications and other materials submitted to determine whether the materials are approved and complete and ready to release for bidding by contractors. At such time, Joliet will:

a. notify the Technical Advisory Committee that the contract for the work package is ready to be released for bidding and the planned schedule for submission of bids by contractors;

b. advertise for bids on behalf of the Commission using the Joliet procurement and bidding system, which is anticipated to be performed electronically;

c. manage the process of receipt and response to questions from bidders, issuance of addenda and conducting a pre-bid conference for potential bidders on behalf of the Commission, which is anticipated to be performed electronically; and

d. receive and open bids for the contract, which is anticipated to be performed electronically.

ii. Upon opening of bids for each contract, Joliet will notify the Technical Advisory Committee of the results of the bid opening and direct the Program Team to review and evaluate the bids, including qualifications of bidders and other relevant information, and provide to the Program Director the results of that review and evaluation and a recommendation as to the lowest responsible bidder based on such review.

iii. The Program Finance Director shall review the amount of the bid from the lowest responsible bidder for each contract to confirm that sufficient Commission funds

(or, if the Commission and Joliet have agreed that Joliet will provide Advanced Construction Costs for a contract, that sufficient Joliet funds for Advanced Construction Costs) will be available to pay the contract amount for that contract plus the lesser of an additional three percent (3%) or two million five hundred thousand dollars (\$2,500,000.00) for potential change orders pursuant to Section 4.10.

iv. The Program Director will present a recommendation for the proposed award of the contract with any recommended conditions on the award of the contract, or the rebidding of the work package and/or rejection of bids, to the Technical Advisory Committee for review at a meeting of the Committee. If the proposed contract amount for a work package exceeds the engineers' opinion of probable construction cost (OPCC) for that work package by ten percent (10%) or more, the Program Director will provide a written explanation containing either (a) the reasons for determining that the award of the contract at that contract amount is in the best interests of the Commission, or (b) a recommendation to re-bid the contract for the work package and/or reject bids.

v. The Technical Advisory Committee will review the Program Director's recommendation and shall provide a recommendation to the Board of Commissioners to (a) award the contract, or (b) re-bid and/or reject bids for the work package, accompanied by any recommended conditions on the award of the contract. If no recommendation is provided by the Technical Advisory Committee, the Program Director shall present the Program Director's recommendation to the Board of Commissioners.

vi. All contracts approved as described in Section 4.9.A shall be executed on behalf of the Commission by the Chair and Secretary of the Commission unless otherwise authorized by the Board of Commissioners. Following execution, the Program Director is authorized to sign and issue all notices of award and notices to proceed for such contracts on behalf of the Commission.

C. Failure to Award Construction Contract. If the Board of Commissioners does not approve a construction contract with the lowest responsible, qualified bidder meeting the requirements of the RWC Act within the period of time recommended by the Program Director for contract approval as necessary to be consistent with the Program Schedule (which shall be not less than forty-five (45) days), and the completion of the initial Commission System could be delayed to a date later than the Targeted Water Delivery Date due to the failure to approve that contract within such time, then the Board of Commissioners must concurrently approve the establishment of a new Targeted Water Delivery Date that is later than the then-current Targeted Water Delivery Date by the unanimous vote of Commissioners representing all the Members. Any newly established Targeted Water Delivery Date must provide a sufficient period of time to allow the Program to be completed by that new Targeted Water Delivery Date. The Parties recognize that a short-term delay in award of a construction contract may occur due to unfavorable bidding conditions, receipt of bids substantially exceeding the engineer's opinion of probable construction cost, or matters related to land acquisition, where the delay does not extend the start-up of the initial Commission System beyond the Targeted Water Delivery Date.

4.10 Construction Contract Modifications.

A. Joliet is authorized to make decisions on behalf of the Commission in connection with construction contracts entered into by the Commission as part of the Program, in accordance with this Section.

i. The Program Director may approve, and may authorize the resident engineer assigned to a construction contract to approve, field orders. Field orders are minor changes in the work under a construction contract that do not involve an adjustment in the contract price or the contract times and are germane to the design specifications and drawings of the work under the construction contract, as indicated by the construction contract documents. If a contractor believes that the field order requires

a change in contract price or contract time, the field order shall be considered a change order subject to the provisions for change orders below.

ii. The Program Director may approve change orders for each construction contract for various purposes related to the Program, subject to the following:

a. No single change order shall be equal to or exceed the amount of five hundred thousand dollars (\$500,000.00). The Board of Commissioners may increase or decrease this amount from time to time but in no event may the amount be decreased to less than two hundred fifty thousand dollars (\$250,000.00);

b. The total amount of all change orders on any contract shall not exceed (a) the lesser of three percent (3%) of the original contract amount (prior to any change orders) or two million five hundred thousand dollars (\$2,500,000.00); and

c. The total change in contract time for completion of the contract in all change orders shall not exceed an increase in time equal to or greater than thirty (30) days.

iii. The Program Director shall consider such change orders in consultation with the Program Finance Director as well as two persons (who are employees of a Member and who may but are not required to be members of the Technical Advisory Committee and shall not be employees of Joliet) identified by the Technical Advisory Committee from time to time to assist the Program Director, on behalf of Members of the Commission, in the review and approval of change orders within the limits of the Program Director's authority to approve. No change order shall be approved by the Program Director unless the Program Director and at least one of such persons identified by the Technical Advisory Committee agree that the change order should be approved. Any change orders on which there is not such agreement may be presented by the Program Director to the Board of Commissioners. In an emergency, such consultation may be waived with notification by the Program Director to the Technical Advisory Committee

and to persons identified by the Technical Advisory Committee as described above. For the purposes of this Section 4.10, an emergency means an urgent, sudden, and serious event, or an unforeseen change in circumstances that necessitates immediate action to avert imminent danger to life, health, or property or to remedy or prevent delay to the work under the contract or financial harm to the Commission or its Members.

iv. Approvals by Joliet must be germane to the design specifications and drawings for the work specified in the contract and the intended function of the portion of the initial Commission System when completed, and consistent with the Basis of Design, unless otherwise approved or agreed by the Board of Commissioners.

v. From time to time it may be necessary to issue a work change directive for work under a construction contract. A work change directive does not change the contract price or contract time but is evidence that the Commission and the contractor expect that the modification ordered by the work change directive will result in the need for a change order to modify the contract price or contract time. The Program Director shall consider and may approve work change directives pursuant to the process and consistent with the requirements of Subsections ii through iv of this Subsection 4.10.A.

vi. A report of all change orders and work change directives that have been approved by the Program Director between meetings of the Board of Commissioners shall first be presented at the next regular meeting to the Technical Advisory Committee and thereafter to the Board of Commissioners. In addition, if deemed necessary, the Technical Advisory Committee may review actions by the persons identified in subsection iii above in connection with review and approval of change orders and make recommendations to the Board of Commissioners regarding such actions, and the Board of Commissioners may review such recommendations and determine if it is necessary to take any action.

B. Joliet shall present the change orders listed below to the Board of Commissioners for review and approval:

i. Any single change order that would increase the original contract amount by an amount equal to or greater than five hundred thousand dollars (\$500,000.00) (or such other amount as exceeds the Program Director's authority to approve pursuant to Subsection 4.2.A.ii.a) or which increases total contract time by thirty (30) days or more.

ii. Any change order that, when combined with all previously approved change orders for the contract, results in (a) an increase of the total contract amount (prior to any change orders) by greater than three percent (3%) or two million five hundred thousand dollars (\$2,500,000.00).

iii. Any change order that, when combined with all previously approved change orders for the contract, results in a change in the total contract time for completion of the contract by greater than thirty (30) days.

iv. Any change order that results in a change in the scope of the work under the contract.

C. The Board of Commissioners may approve an increase in (i) change order authority of the Program Director for a particular construction contract as to the contract price or contract time as provided in this Section 4.10 and (ii) any previously authorized change order authority of the Program Director for a particular construction contract as to contract price or contract time.

D. The Program Director or designee is authorized to make decisions on behalf of the Commission to order that work on a construction contract be stopped or delayed for various purposes related to the Program, including without limitation the need to protect public health and safety, protect property, limit any public inconvenience arising from the construction, an emergency, or other reason authorized by the construction contract.

4.11 Disadvantaged Business Enterprises. A local and disadvantaged business enterprises strategy will be used in connection with the design and construction of the initial Commission System, as provided in the Basis of Design.

4.12 Construction Contract Payments. Payments to contractors under the construction contracts shall be processed in the following manner:

A. The contractor for each active construction contract work package submits a pay request to the Commission; Joliet shall direct the Program Team to review all such requests.

B. The Program Team reviews each pay request and, if it meets the requirements of the construction contract, submits a recommendation for payment to the Program Director and, if not, returns comments on the pay request to the contractor for correction.

C. The Program Director reviews the pay request and recommendation. If the Program Director disagrees with the recommendation, the Program Director returns the pay request to the Program Team for further review and recommendations. If the Program Director agrees with the recommendation, the Program Director submits the pay request and recommendation to the Program Finance Director.

D. The Program Finance Director reviews the pay request and confirms that there is sufficient funding from available Commission funding source(s) for the payment.

E. If the Program Director agrees with the recommendation and the Program Finance Director has confirmed that sufficient Commission funding is available, the Program Director presents the recommendation for payment to the Technical Advisory Committee for review at a Technical Advisory Committee meeting. If the Technical Advisory Committee agrees, the Technical Advisory Committee approves the recommendation to Board of Commissioners to approve the payment. If the Technical Advisory Committee has questions or requires additional information about the requested payment, the pay request shall be returned to the Program Director for additional information.

F. The Technical Advisory Committee's recommendation to approve the payment is presented to the Board of Commissioners for review and approval. If the Board of Commissioners has questions or requires additional information about the requested payment prior to approval, the pay request shall be returned to the Technical Advisory Committee for additional information.

G. The Program Director, Technical Advisory Committee and Board of Commissioners will work together to coordinate the schedule of public meetings in order to facilitate the Commission making payments within statutory and contractual time frames.

H. The Program Director or Program Finance Director coordinates each approved pay request with the Commission's provider of financial services or third-party payment disbursing agent to arrange for payment to the contractor.

4.13 Confidential Information. From time to time during implementation of the Program, it may be necessary to enter into agreements to protect confidential information of the Commission, such as information about the initial Commission System, or confidential information of third-parties who request confidential treatment of their information, such as proprietary and confidential trade secrets or security-related information about the systems of other utilities or land owners along the route of the initial Commission System. The Program Director is authorized to execute, on behalf of the Commission, agreements to protect such confidential information which are (A) in a form substantially similar to a form of agreement approved by the Commission or (B) in a form that has been reviewed and approved by Commission legal counsel.

ARTICLE 5

KEY CONSULTANTS AND PERSONNEL

5.1 Key Personnel and Roles. Joliet shall provide persons who shall be primarily responsible to perform the following roles in connection with Joliet's provision of Services:

Program Director: Joliet's Director of Public Utilities

Program Finance Director: Joliet's Finance Director

Operation and Maintenance Liaison: Joliet's Deputy Director of Plant Operations in the Department of Public Utilities

In the case of an absence of the Program Director for three weeks or less, the Program Finance Director shall perform the functions of the Program Director under this Agreement. In the event of an absence of the Program Director for three weeks or more but six months or less,

Joliet shall notify the Commission of the anticipated duration of the absence and the person assuming the role. In the event of a change in personnel in the positions of Program Finance Director or Operation and Maintenance Liaison, Joliet shall notify the Commission of the person assuming that role. In the event of an absence of the Program Director for more than six months, Joliet shall propose a replacement for that role and Joliet and the Commission shall meet and discuss whether such replacement is mutually acceptable. If so, the Board of Commissioners will consent to Joliet's proposed replacement, which consent shall not be unreasonably withheld or delayed. In the event that the position title of an individual filling one of the above roles is changed, Joliet shall notify the Commission that the individual's title has changed and that the individual will continue to perform the above role under this Agreement.

5.2 Key Consultants and Roles. Joliet will manage the Program, including the design, bidding, construction inspection and administration, and start-up and commissioning of the initial Commission System, performed by the Program Team consisting of consultants and advisors retained by Joliet, which shall include the following firms:

A. Engineering and program management consultants: Stantec Consulting Services, Inc., which has retained the following entities as subconsultants:

- i. Crawford, Murphy & Tilly, Inc.
- ii. Engineering Enterprises, Inc.
- iii. Strand Associates, Inc.
- iv. Cornwell Engineering Group, Inc.
- v. V3 Companies, Ltd.
- vi. Images, Inc.

B. Independent review: Burns & McDonnell

C. Financial Consultant: Speer Financial

D. Program Legal Counsel: Donahue & Rose, P.C.

E. Bond Counsel: Katten, Muchin, Rosenman, LLP

F. Underwriter: JP Morgan

Third-party beneficiary status for the Commission will be established under the relevant engineering contracts for the initial Commission System. Additional subconsultants may be retained by Stantec Consulting Services, Inc. where appropriate for matters within the scope of the Program in order to implement the local and disadvantaged business enterprises strategy recognized in Section 4.11. Additional firms may be retained by Joliet as required for the Services. For any contracts entered into by Joliet in addition to the contracts with the entities described in this Section 5.2, Joliet will notify the Commission of any such contracts prior to approval and execution of such contracts.

5.3 Coordination with Others. In its performance of the Services, Joliet will coordinate with other firms that are anticipated to be retained by the Commission to perform additional functions. These other firms may perform functions that include, without limitation, administration related to the Board of Commissioners; administration related to the Technical Advisory Committee; financial services; insurance; Commission legal services; and governmental advocacy.

ARTICLE 6 **MANAGEMENT FEE**

6.1 Management Fee.

A. The Commission shall pay to Joliet, in accordance with and subject to the terms and conditions set forth in this Article, and Joliet will accept in satisfaction for providing, performing, and completing the Services during the initial Program Term, a fee for the Services provided by Joliet pursuant to this Agreement in the amount of Two Million Eight Hundred Ninety Thousand Dollars (\$2,890,000.00) (“**Management Fee**”), subject to any amendments, adjustments, additions, deductions or withholdings provided for in this Agreement. Joliet will only charge the Commission the Management Fee and will not charge the Commission for other direct costs and expenses associated with the provision of Services under this Agreement.

B. The Management Fee assumes that the Commission employs or retains a licensed water operator no later than January 1, 2027 and an executive director no later than January 1, 2029 to perform the Commission Management Services being performed by Joliet. If these persons are not employed or retained and performing work for the Commission by the dates stated in this Section, the Commission and Joliet shall agree to amend this Agreement to increase the Management Fee for Joliet's continued provision of the Commission Management Services by Joliet employees. If these persons are employed or retained and performing work for the Commission as Commission Management Services prior to the dates stated in this Section, the Commission and Joliet shall agree to amend this Agreement to decrease the Management Fee paid to Joliet for the portion of the Commission Management Services that will no longer be provided by Joliet. Any such increase or decrease in the Management Fee for the Commission Management Services shall be in the following amounts per month for the additional or reduced number of months for each of the following: (i) if a licensed water operator is employed or retained and performing work for the Commission prior to or after January 1, 2027, the Management Fee shall increase or decrease by Nine Hundred Dollars (\$900.00) per month; and (ii) if an executive director is employed or retained and performing work for the Commission prior to or after January 1, 2029, the Management Fee shall increase or decrease by Two Thousand Two Hundred Fifty Dollars (\$2,250.00) per month.

6.2 Manner of Payment. Joliet shall receive payment of the Management Fee in the form of a credit in the amount of the Management Fee, which amount will be applied to the amount of advanced development costs and advanced construction costs paid by Joliet pursuant to the IGA and Water Supply Agreement. The Management Fee shall be deemed earned by Joliet in pro-rated shares on a monthly basis during the initial Program Term and shall be considered part of the advanced development costs and advanced construction costs paid by Joliet on the Commission's behalf as described in the IGA and the Water Supply Agreement.

6.3 Additional Fee. If the Program is not complete by May 1, 2031, the Commission and Joliet shall agree to amend this Agreement to add an additional fee or fees for continued Services during any extended Term.

ARTICLE 7

LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Dispute Resolution.

A. Negotiation. The Parties desire to avoid and settle without litigation any future disputes that may arise between them relative to this Agreement. Accordingly, the Parties agree to engage in good faith negotiations to resolve any such dispute. The process in this Section 7.1 shall apply and be complied with prior to the exercise of other provisions in this Article.

B. Notice and Meeting. If either Party has a dispute about a violation, interpretation, or application of a provision of this Agreement, or a dispute regarding a Party's failure to comply with this Agreement, then that Party may serve on the other Party notice, by Certified Mail or personal service and, if desired by the Parties, may also be given by electronic communications, setting forth in detail the dispute, the provisions of this Agreement to which the dispute is related, and all facts and circumstances pertinent to the dispute. The Parties then, within seven (7) days, shall schedule a date certain for representatives of the Parties to meet in a conference to resolve the dispute. Such conference shall be conducted within fifteen (15) days after notice of the dispute has been delivered as provided in this Subsection 7.1.B.

C. Mediation. If the matter remains unresolved for more than ten (10) additional days following such a conference, the Parties may mutually agree to submit the matter to non-binding mediation pursuant to the then-current Commercial Mediation Procedures of the American Arbitration Association (AAA). If so submitted, it shall be submitted jointly and the mediation shall be administered as mutually agreed by the Parties. The mediation shall be convened not more than thirty-five (35) days after the date of initial discussions between the Parties' representatives under this Section 7.1 and concluded not more than fifty (50) days after such date of initial discussions.

D. Continuation of Services and Payments. During all negotiation proceedings and any subsequent proceedings provided for in this Section 7.1, the Commission and Joliet shall continue to fulfill the terms of this Agreement to the fullest extent possible. Joliet shall continue to provide Services to the Commission and the Commission shall continue to credit the pro rata shares of the Management Fee to Joliet as provided by this Agreement. The Parties may mutually agree to extend the time periods under this Section 7.1 in order to facilitate resolution of the dispute.

E. Remedies. Provided that the Parties have met their obligations under this Section 7.1, the Parties shall have the right to enforce this Agreement and shall be entitled to pursue such remedies as may be available in law and equity and as provided under the IGA and the Water Supply Agreement. The requirements of Subsection 7.1.B and C shall be waived in the event of either significant risk of irreparable harm or significant jeopardy to public health and safety.

7.2 Force Majeure. In case, by reason of Force Majeure, any Party hereto shall be rendered unable, wholly or in part, to carry out its obligation under this Agreement, then, if such Party shall give notice and full particulars of such Force Majeure in writing to the other Party within a reasonable time after occurrence of the event or cause relied on, the obligation of the Party giving such notice, so far as it is affected by such Force Majeure shall be suspended during the continuance of the inability then claimed, but for no longer period. Such notice shall include an explanation of how the Force Majeure in fact interferes with the ability of the Party to discharge its obligations under this Agreement. Any such Party shall endeavor to remove or overcome such inability with all reasonable dispatch. The above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of opposing parties when, in the judgment of the Party having the difficulty, such settlement would be unfavorable to it.

ARTICLE 8
MISCELLANEOUS PROVISIONS

8.1 Execution; Counterparts. Each of the Parties represents that the persons executing this Agreement on behalf of such Party is duly authorized to do so. This Agreement may be executed in multiple identical counterparts, and all of said counterparts will, individually and taken together, constitute one and the same Agreement. Any such counterpart may be signed by one or more of the Parties so long as each of the Parties has signed one or more of such counterparts.

8.2 Entire Agreement. There are no representations, covenants, promises, or obligations not contained in this Agreement that form any part of this Agreement or upon which any of the Parties is relying in entering into this Agreement, other than the Intergovernmental Agreement, the Water Supply Agreement and the Bylaws.

8.3 Amendment. This Agreement may be amended or modified only by written agreement of the Parties approved by the Board of Commissioners and the Joliet City Council; provided, however, that the provisions in Sections 4.9 and 4.10 may be modified in writing upon approval of the Board of Commissioners and the Joliet City Manager.

8.4 Severability. If any part, term, or provision of this Agreement is held invalid, void or unenforceable by a court of competent jurisdiction for any reason, the remainder of this Agreement shall be interpreted, applied and enforced as to achieve, as near as may be, the purpose and intent of this Agreement to the maximum extent possible.

8.5 Binding Effect. The terms of this Agreement shall bind and inure to the benefit of the Parties hereto and their agents, successors, and assigns.

8.6 Time. Time is of the essence in the performance of this Agreement.

8.7 Regulatory Bodies. This Agreement will be subject to all valid rules, regulations, and laws applicable to this Agreement passed and promulgated by the United States of America, the State of Illinois, or any other governmental body or agency having lawful jurisdiction, or any authorized representative or agent of any of them; provided, however, that this Section will not

be construed as waiving the right of any Party to challenge the validity of any such rules, regulations, or laws on any basis, including the impairment of this Agreement. The Parties through this Agreement seek to exercise and maintain all sovereign rights granted to them under and through the Constitution and laws of the State of Illinois.

8.8 Governing Law. This Agreement shall be governed by, and enforced in accordance with, the internal laws, but not the conflicts of laws rules, of the State of Illinois.

8.9 Non-Assignability. The Parties agree that this Agreement shall not be assigned or transferred by any Party without the prior written consent of the other Party.

8.10 Waiver. No waiver of any provision of this Agreement shall be deemed to or constitute a waiver of any other provision of this Agreement (whether or not similar) nor shall any such waiver be deemed to or constitute a continuing waiver unless otherwise expressly provided in this Agreement.

8.11 No Third-Party Beneficiaries. Except for the third-party beneficiary rights described in Section 5.2, nothing in this Agreement shall create, or be construed to create, any third-party beneficiary rights.

8.12 Notice. All notices and other communications in connection with this Agreement shall be in writing and will be deemed delivered to the addressee thereof when delivered in person, by a reputable overnight courier, or by messenger at the address set forth below, or three business days after deposit thereof in any main or branch United States post office, certified or registered mail, return receipt requested, postage prepaid, properly addressed to the Party, respectively, at such Party's contact information as provided with its signature. A Party may change its contact information by giving notice to the other Party pursuant to this Section.

8.13 Exhibits. Exhibit A is attached to and, by this reference, incorporated in and made a part of this Agreement. In the event of a conflict between Exhibit A and the text of this Agreement or the Water Supply Agreement, the text of this Agreement and the Water Supply Agreement shall control.

8.14 Rights Cumulative. Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement shall be cumulative and shall not be exclusive of any other such rights, remedies, and benefits allowed by law.

[signatures on following pages]

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

Grand Prairie Water Commission, an
Illinois regional water commission, municipal
corporation and body politic and corporate

By: _____

Its: _____

Date: _____

ATTEST:

By: _____

Its: _____

*Contact Party for Grand Prairie Water
Commission:*

Name: _____

Address: _____

Telephone: _____

Email: _____

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date written below.

City of Joliet, an Illinois home rule
municipal corporation

By: _____

Its: _____

Date:

ATTEST:

By: _____

Its: _____

Contact Party for the City of Joliet:

Name: _____

Address: _____

Telephone: _____

Email: _____

EXHIBIT A

BASIS OF DESIGN

Grand Prairie Water Commission

2024 Basis of Design

Alternative Water Source Program

June 2024



GRAND PRAIRIE
WATER COMMISSION

2024 Basis of Design

Alternative Water Source Program

June 2024

GRAND PRAIRIE WATER COMMISSION

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ABBREVIATIONS AND ACRONYMS

ATS	Automatic Transfer Switch
AWSP	Alternative Water Source Program
AWWA	American Water Works Association
BCSDC	Buildout Commission System Design Capacity
CDWM	Chicago Department of Water Management
CIP	Capital Improvement Project
CMAR	Construction Manager at-Risk
CMT	Crawford, Murphy & Tilly, Inc.
CMU	Concrete Masonry Unit
CNC	Coilable Non-Metallic Conduit
CSRA	Cost and Schedule Risk Analysis
CSU	Commissioning and Start-up Contractor
DBE	Disadvantaged Business Enterprise
DIP	Ductile Iron Pipe
ft	feet
fps	feet per second
GMP	Guaranteed Maximum Price
gpm	gallons per minute
GPWC	Grand Prairie Water Commission
HGL	Hydraulic Grade Line
HSPS	High Service Pump Station
ICSDC	Initial Commission System Design Capacity
IDNR	Illinois Department of Natural Resources
IEPA	Illinois Environmental Protection Agency
IGA	Intergovernmental Agreement
IPS	Intermediate Pump Station

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ISF	Intermediate Storage Facility
MBE	Minority Business Enterprise
MGD	million gallons per day
OM&R	Operation, Maintenance and Replacement
PCCP	Prestressed Concrete Cylinder Pipe
PLC	Programmable Logic Controller
Ppm	parts per million
psi	pounds per square inch
PS	Pump Station
SCADA	Supervisory Control and Data Acquisition
SRF	State Revolving Fund
SUE	Subsurface Utility Engineering
SWPS	Southwest Pumping Station
VBE	Veteran Business Enterprise
WBE	Women Business Enterprise
WIFIA	Water Infrastructure Finance and Innovation Act
WPP	water purification plant

1 Introduction

1.1 Basis of Design Objective

Since the GPWC Members' decision in February 2022 to proceed with development of a new Lake Michigan water source and a [Preliminary Agreement Regarding Formation of a Water Commission](#)¹, significant commission formation, engineering, and supporting efforts have been undertaken. These efforts have focused on the advancement of agreements, land acquisition, financing arrangements, and detailed engineering for the purchase of treated Lake Michigan water from the City of Chicago, the governance and membership of a Grand Prairie Water Commission (GPWC), the infrastructure required to bring Chicago water to the southwest suburban area, and complete delivery of the Alternative Water Source Program by 2030. Particular emphasis has been placed on the development of a quality system that is reliable, resilient, and economical for GPWC Members and their residents. Throughout this document the Alternative Water Source Program is referred to by its initials, AWSP, or simply the Program.

This 2024 Basis of Design presents a current description of the configuration, features, and key design criteria of the proposed system to deliver the new Lake Michigan water source. It is intended to replace the Basis of Design document included as Exhibit C to the *Preliminary Agreement* and provide GPWC Members and other AWSP stakeholders with an updated understanding of the Program design criteria being used to establish estimated program costs. The 2024 Basis of Design also documents the way in which the Program will be developed and implemented. The document defines the baseline for design and associated costs of the infrastructure to be designed and constructed by the GPWC.

This 2024 Basis of Design is an exhibit to the Intergovernmental Agreement for Program Management ("Program Management Agreement") between the Grand Prairie Water Commission and the City of Joliet. These materials should be considered with the [Water Supply Agreement - City of Chicago and City of Joliet](#)² and other key commission formation documents including:

- Intergovernmental Agreement to Establish the Grand Prairie Water Commission (IGA)
- Grand Prairie Water Commission Water Supply Agreement (WSA)
- Grand Prairie Water Commission Bylaws (Bylaws)

¹ Preliminary Agreement Regarding Formation of a Regional Water Commission. Final Executed Copy. February 22, 2022. www.gpwc-il.org. Information Center/Reports.

² Water Supply Agreement – City of Chicago and City of Joliet. Execution Copy. May 1, 2023. www.gpwc-il.org. Information Center/Reports.

In the event of a conflict between this 2024 Basis of Design and the provisions of any of the agreements listed above, the provisions in the respective executed agreement shall control.

1.2 Alternative Water Source Program Team

The Program Team charged with the development and implementation of the Alternative Water Source Program is being led by the City of Joliet (Program Manager), but includes multiple other entities including:

- The Stantec-CMT Team of engineering and program management consultants,
- An Independent Review firm (Burns & McDonnell), and
- Legal, and financial specialists retained by the City of Joliet.

The Stantec-CMT Team was retained by the City of Joliet in April 2020³ to serve as the lead engineering and program management consultant for AWSP design, bidding, construction, and commissioning activities after a thorough, competitive selection process. Primary members of the Stantec-CMT Team include:

- Stantec Consulting Services, Inc. (Prime Consultant)
- Crawford, Murphy & Tilly, Inc. (Lead Subconsultant to Stantec)
- Engineering Enterprises, Inc. (Subconsultant to Stantec)
- Strand Associates, Inc. (Subconsultant to Stantec)
- Cornwell Engineering Group, Inc. (Subconsultant to Stantec – Corrosion Control Expert)
- V3 Companies, Ltd. (Subconsultant to Stantec)
- Images, Inc. (Subconsultant to Stantec – Public Outreach/Communications)

The Stantec-CMT Team has and will continue to engage additional subconsultants for specialized support (e.g., geotechnical field investigations, engineering support services, strategic communications, etc.) where appropriate for matters within the scope of the Program and in order to implement the local and disadvantaged business enterprises strategy recognized in the Program Management Agreement.

The Stantec-CMT Team's role is to work with Joliet to provide the overall coordination, management, engineering design, permitting, financial consulting, and construction management services required to drive the completion of the AWSP.

³ While the Program Team was retained in 2020, work on the new Lake Michigan water source from the City of Chicago did not begin until February 2021.

Legal and financial service providers retained separately by Joliet to support Program activities include:

- Donahue & Rose (Special Legal Counsel)
- Speer Financial (Financial Consultant)
- Katten, Muchin Rosenman, LLP (Bond Counsel)
- JP Morgan (Underwriter)

The Program Team also continues to receive valuable input from technical, administrative, and elected representatives of the GPWC Member communities regarding the development and formation of a regional water commission. The City of Joliet, with the support of its consultants, is leading current efforts related to the formation of the GPWC. Details related to Joliet's authority and responsibilities as the Program Manager are defined in its Program Management Agreement with the GPWC.

1.3 Changes to the Basis of Design

Within this document, minimum design criteria are noted for each system component. Table 1-1 below presents the current design level of each of the program components as they have been grouped into capital improvement projects (CIP) and further divided into construction work packages. Given the current level of design and uncertainty regarding certain elements of the proposed system, design criteria presented may, in some cases, need to change as design progresses to address regulatory, permitting, environmental, or site-specific conditions. It is understood that these changes will be communicated with GPWC Members.

Changes to design criteria that are not required, but which may be beneficial to the GPWC, can be made by the Program Team at the direction of the Program Manager if neither program costs nor program schedule are increased/lengthened. As of the date of this 2024 Basis of Design, Section 5.6.C.ii of the GPWC Bylaws provides that modifications to the Basis of Design that increase Program costs (other than modifications due to requirements of applicable laws, rules, or regulations, or by written agreement necessary for the implementation of the Project, such as easements or intergovernmental agreements that were not anticipated at the time of the Basis of Design) require the unanimous approval of the GPWC Board of Commissioners. In addition, any modifications to the Basis of Design that alter the design criteria in a manner that decreases reliability or quality also require unanimous approval of the GPWC Board of Commissioners. Finally, any modifications to the Basis of Design that extend schedule beyond the Targeted Water Delivery Date also require unanimous approval of the GPWC Board of Commissioners.

Table 1-1 Current Design Level (As of the date of this 2024 Basis of Design)

Capital Improvement Project (CIP)	Work Package	Work Package Description	Current Level of Design as of June 2024
CIP #1 – Chicago Connection Facilities	AWSP-01-01	Tunnel Extension	90%
	AWSP-01-02	Suction Well	60%
	AWSP-01-03	Low Service and High Service Pump Stations	60%
CIP #2 – Finished Water Transmission Main	AWSP-02-01	Finished Water Transmission Main – Segment A	30%
	AWSP-02-02	Finished Water Transmission Main – Segment B	30%
	AWSP-02-03	Finished Water Transmission Main – Segment C	30%
	AWSP-02-04	Finished Water Transmission Main – Segment D	30%
	AWSP-02-05	Finished Water Transmission Main – Segment E	30%
	AWSP-02-06	Finished Water Transmission Main – Segment F	30%
CIP #3 – Intermediate Pump Station 1/Storage Facility 1	AWSP-03-01	Intermediate Pump Station 1/Storage Facility 1	30%
CIP #4 – Intermediate Storage Facility 2	AWSP-04-01	Intermediate Storage Facility 2	30%
CIP #5 – Regional SCADA and Communications System	AWSP-05-01	Fiber and Network Installation	30%
	AWSP-05-02	SCADA Programming/Integration	30%
	AWSP-05-03	Video Surveillance	30%
	AWSP-05-04	Security System	30%
CIP #6 – Regional Water Transmission Main	AWSP-06-01	Regional Water Transmission Main – Segment A	30%
	AWSP-06-02	Regional Water Transmission Main – Segment B	30%
	AWSP-06-03	Regional Water Transmission Main – Segment C	30%
	AWSP-06-04	Regional Water Transmission Main – Segment D	30%

Capital Improvement Project (CIP)	Work Package	Work Package Description	Current Level of Design as of June 2024
	AWSP-06-05	Regional Water Transmission Main – Segment E	30%
	AWSP-06-06	Water Delivery Structures – Group 1	30%
	AWSP-06-07	Water Delivery Structures – Group 2	Preliminary
	AWSP-06-08	Water Delivery Structures – Group 3	Preliminary
	AWSP-06-09	Water Delivery Structures – Group 4	Preliminary
CIP #7 Mega Crossings	AWSP-07-01	Water Transmission Main: Cal-Sag Crossing	30%
	AWSP-07-02	Water Transmission Main: Des Plaines River Crossing	30%
CIP #10 Commission Office	AWSP-10-01	GPWC Commission Office	Preliminary
CIP #11 System-wide Commissioning and Start-up	AWSP-11-01	System-wide Commissioning and Start-up	Preliminary

1.4 Grand Prairie Water Commission

1.4.1 Basis for the Grand Prairie Water Commission

The Regional Water Commissions Act (65 ILCS 5/11-135.5-1 et seq.) defines the legal framework under which the Grand Prairie Water Commission is created and will operate. The Act defines the mechanism by which a new water commission is formed, the structure for organization and governance of the commission, and provisions for funding efforts related to commission development. The [Preliminary Agreement Regarding Formation of a Water Commission](#) approved by the Cities of Joliet and Crest Hill and the Villages of Channahon, Minooka, Romeoville, and Shorewood in February 2022 built upon the Act and established key principles and an overall plan for the development of a new regional water commission to purchase treated water from the City of Chicago and convey it to the Water Delivery Structure(s) for each of the Member communities. The Intergovernmental Agreement to Establish the Grand Prairie Water Commission (IGA) supersedes the Preliminary Agreement and provides for formal creation of the GPWC.

1.4.2 GPWC Member Water Allocations

The Preliminary Agreement required each of the Commission Members to apply for and work to obtain from the Illinois Department of Natural Resources (IDNR) a Lake Michigan water allocation permit granting the Member the right to use Lake Michigan water as its source of water supply. As of February 9, 2024, all six Members had received their

allocation orders from the IDNR and no appeals were taken so all are final orders. Table 1-2 summarizes characteristics of the Member allocations.

Table 1-2 Member Lake Michigan Water Allocations

	Allocation Order or Permit Date	Authorized 2050 Water Allocation (MGD)	NRW Conditions
Channahon	11-14-2023	1.467	NRW < 10% of Water Supplied for 1 year prior to beginning use of Lake Michigan water
Crest Hill	12-12-2023	2.584	NRW < 10% of Water Supplied for 1 year prior to beginning use of Lake Michigan water
Joliet	11-17-2021	18.604	NRW < 10% of Water Supplied by 09-30-2030
Minooka	11-14-2023	1.483	NRW < 10% of Water Supplied for 1 year prior to beginning use of Lake Michigan water
Romeoville	12-11-2023	4.695	NRW < 10% of Water Supplied for 1 year prior to beginning use of Lake Michigan water
Shorewood	02-28-2006 ¹	1.817 ¹	Annual Water Supply Improvement Plan required if NRW > 10% of Water Supplied

¹ 2050 allocation amount for Shorewood based on update report (May 4, 2022) published by IDNR.

1.5 Alternative Water Source Program Overview

1.5.1 Program Mission

The direction and actions associated with implementation of the Alternative Water Source Program are guided by the mission statement presented in the [Alternative Water Source Program Implementation Strategic Plan](#). The mission of the AWSP is:

To provide a sustainable, reliable and high-quality water supply for our communities by 2030 and beyond in order to support public health, safety, economic interests and quality of life.

Data and analysis clearly indicate the groundwater aquifers in the upon which the Members rely will be impacted by either depletion of the deep aquifer or the deterioration of shallow aquifer water quality. Therefore, groundwater is not sustainable as a long-term source of potable water for the Members. The Alternative Water Source Program is a collaborative, regional effort among the GPWC Members to accomplish

their stated mission and provide their communities a reliable source of high quality, treated Lake Michigan water sufficient to meet existing and future demands associated with long-term growth and development.

1.5.2 Alternative Water Source Program Infrastructure Configuration

The infrastructure needed to bring water from Chicago to the GPWC Member communities includes four major system components:

1. Existing water supply and production facilities (owned by Chicago). The existing water supply and production facilities include the 68th Street/Dunne Crib complex, a 14-foot-diameter intake tunnel that connects the crib complex to shore facilities, the 720 million gallons per day (MGD) Eugene Sawyer Water Purification Plant (WPP), and the South Tunnel System segments that convey treated water from the Sawyer WPP to the Southwest Pumping Station (SWPS) site.
2. New water transmission infrastructure to convey the water to the Southwest Suburbs (including facilities owned by Chicago and facilities owned by the GPWC). The new water transmission system infrastructure will include a tunnel connection, tunnel extension, low service pump station, and service valve that will be owned by the City of Chicago. It will also include a meter vault, suction well and high service pump station adjacent to the Chicago Department of Water Management (CDWM) Southwest Pumping Station, approximately 37 miles of large diameter water transmission main (66" & 60" diameter), approximately 25 miles of smaller diameter transmission main (less than 60" diameter), transmission pumping and storage facilities to be owned by the GPWC, and space for an office and control center. No final decision regarding the location of the office space and control center has been made as of June, 2024. For the purpose of the budget presented in this 2024 Basis of Design, it is assumed that office space and a control center will be constructed as an addition to a proposed GPWC facility at a location to be determined.
3. New water delivery infrastructure through which water is provided to individual GPWC Members (owned by the GPWC). Water will be provided to each Member of the GPWC through one or more Water Delivery Structures designed according to a standard template, with 3 types based on range of flows anticipated, to provide for effective metering and water supply.
4. Existing and new water distribution infrastructure through which water is delivered by GPWC Members to their individual customers (owned by the individual GPWC Members). Each GPWC Member will continue to operate the local pumping, storage, and distribution infrastructure needed to serve their individual water customers. Member responsibility begins at the first valve located on the combined discharge line downstream of each Water Delivery Structure.

Figure 1-1 shows a schematic representation of the system components and the infrastructure that make up each component. Future Water Delivery Structures and infrastructure are not shown below.

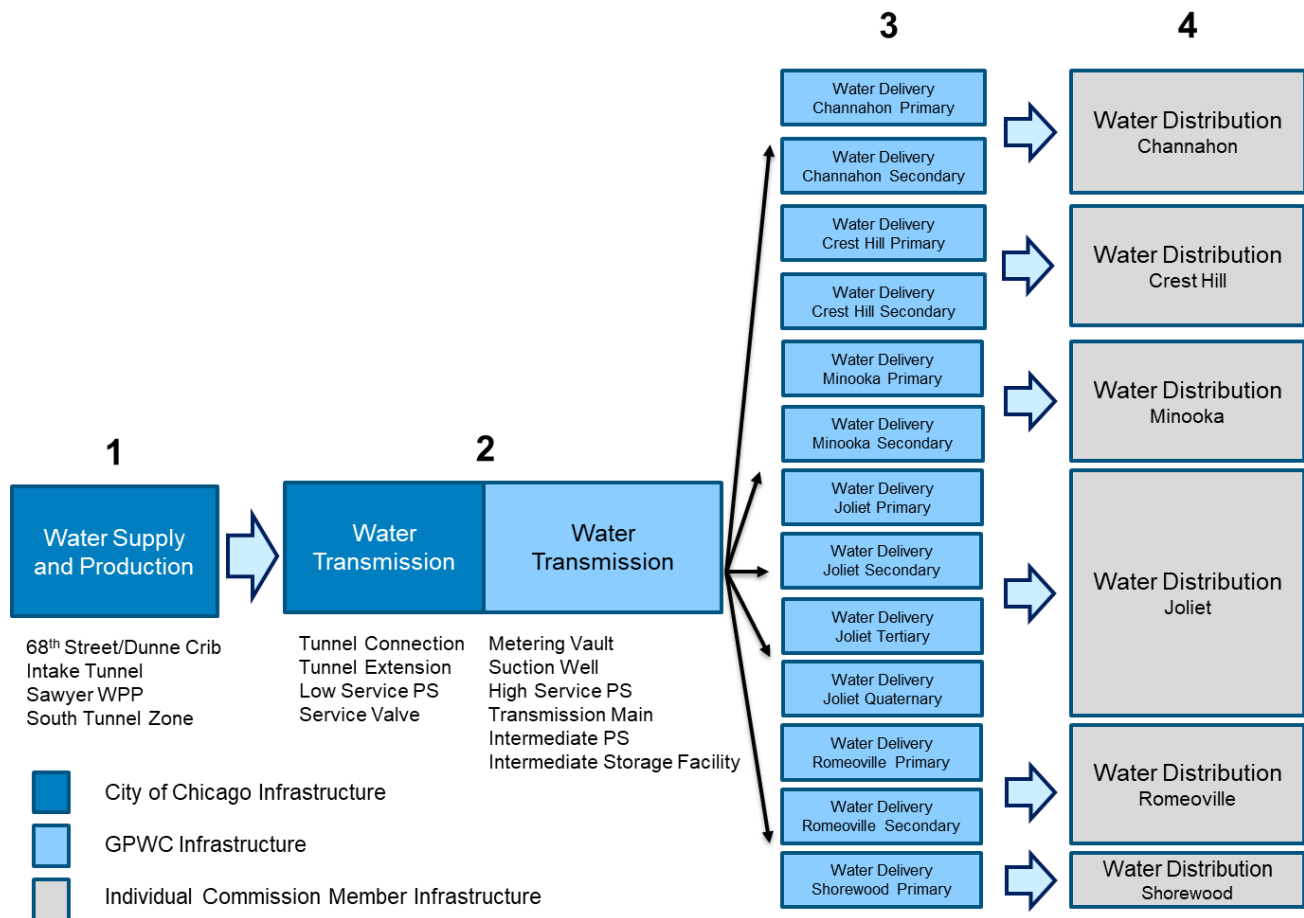


Figure 1-1 Alternative Water Source Program System Configuration

1.5.3 Alternative Water Source Program Implementation Schedule

The Alternative Water Source Program is structured to provide for the delivery of Lake Michigan water to the Member Water Delivery Structures by May 1, 2030. This date is driven by groundwater modeling analyses that suggest some Members' wells may not be able to supply sufficient water to meet projected maximum day demands by 2030. Meeting Member needs will be pursuant to an established Program Schedule. The future GPWC Members adopted Baseline Program Schedule 1.0 for implementation of the Program in August 2023. The Baseline Program Schedule was reviewed in early 2024, and an updated Baseline Program Schedule 2.0 was adopted in March 2024. Future re-baselining of the schedule will be presented annually to the GPWC Board of Commissioners for approval pursuant to the Program Management Agreement.

Exhibit 1-1 shows the current Baseline Program Schedule 2.0. This exhibit illustrates the planned timing for design, bidding, and construction of the multiple work packages that make up the AWSP.

1.5.4 Alternative Water Source Program Responsibilities and Features

Successful implementation and operation of the AWSP will require the coordinated collaboration of the City of Chicago, the GPWC, and the GPWC Member communities. These entities all have specific roles and responsibilities related to development of this new water system as outlined below.

1.5.4.1 City of Chicago Roles and Responsibilities

Under the Water Supply Agreement negotiated between the City of Chicago and City of Joliet dated May 1, 2023 ("Chicago-Joliet Water Supply Agreement"), Chicago will have responsibility for supplying treated water to the site of the proposed connection between the Chicago Water System and the GPWC infrastructure to be located adjacent to Chicago's existing Southwest Pumping Station. A schematic of Chicago water supply and production facilities required to deliver treated water the GPWC water system is shown in Figure 1-2. City of Chicago facilities include:

- 68th Street/Dunne Intake Crib and 14-foot-diameter Intake Tunnel (existing)
- 720 MGD Eugene Sawyer WPP (existing)
- Portions of the South Tunnel System (existing)
- A new Tunnel Connection to the South Tunnel System (to be constructed by the City of Chicago))
- A new Tunnel Extension (proposed as Work Package AWSP-01-01)
- A new Low Service Pump Station (proposed as part of Work Package AWSP-01-03)
- A new Chicago Service Valve (proposed as part of Work Package AWSP-01-03)

The Chicago Service Valve will be the point of demarcation between the City of Chicago water system and the GPWC system. Descriptions of the existing City of Chicago facilities that will treat and supply water to GPWC are presented in Section 3.

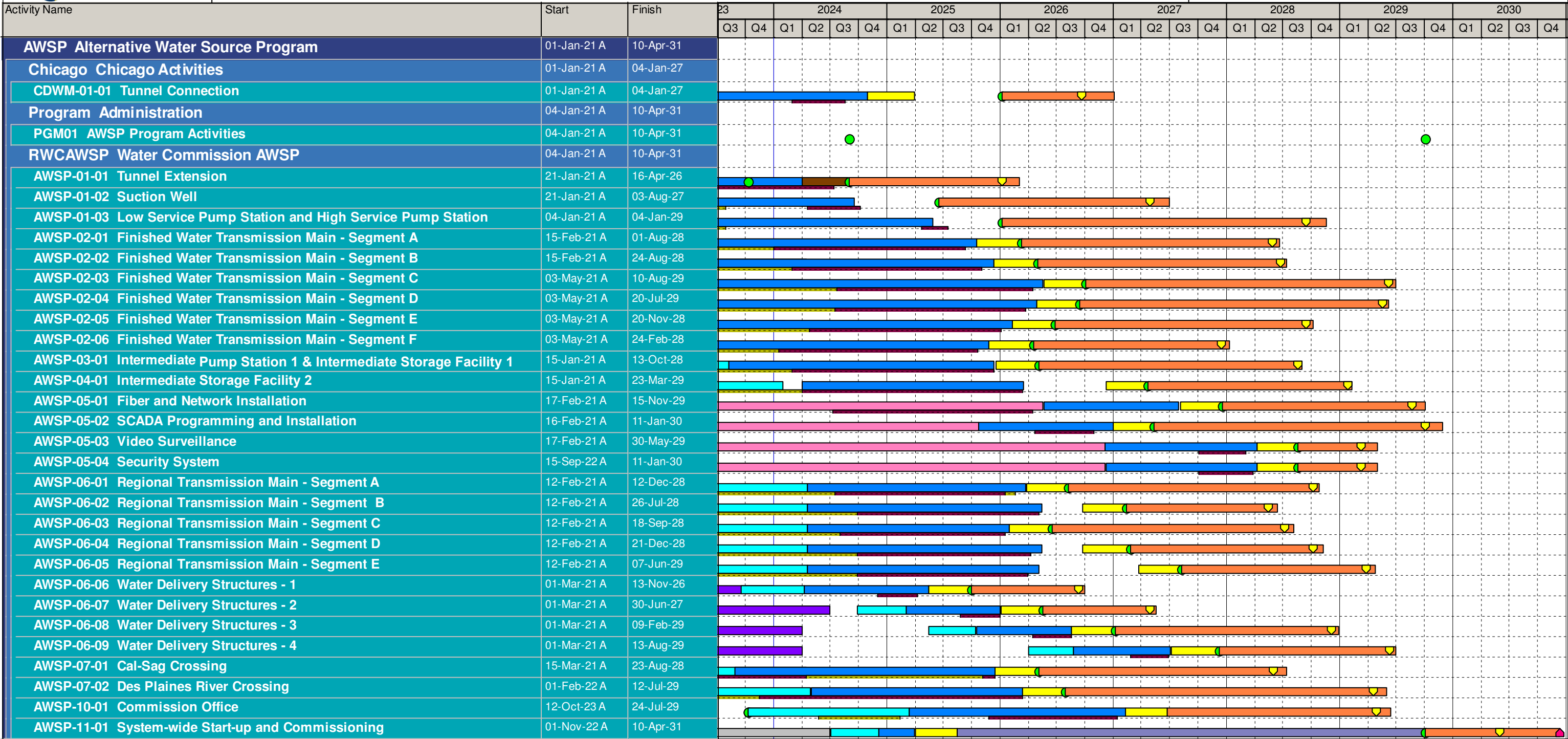
As required by the Chicago-Joliet Water Supply Agreement, Chicago has granted to Joliet (for assignment to the GPWC once it is formed) the temporary and permanent easements, access rights, and other necessary property interests to allow for construction of the required infrastructure at the Southwest Pumping Station site and adjacent Durkin Park site in Chicago (Completed in July 2023).



Grand Prairie Alternative Water Source Program

Data Date: 01-Jan-24
Com Layout: JAWSP Single Line Projects Lay

Item 4.



- Start MS

Planning

Preliminary Design

Design Coordination

General Delivery Structure Pre-Design
- Final Design

ROW

PERMIT

CMAR GMP

Bid/Award
- CX Maintenance

Construction

Substantial

Final W/ Delivery Structures

HOLD

Exhibit

1-1

Title

AWSP Program Implementation Schedule

Date	Revision	Checked	Approved
14-Nov-23	UPDATE OCT'23	JJG	
14-Dec-23	UPDATE Nov'23	JJG	
13-Feb-24	UPDATE Dec23 with Prop...	JJG	

Other select Chicago responsibilities related to the Alternative Water Source Program include:

- supply treated water at the Chicago Service Valve for a term through at least December 31, 2123,
- supply water that meets federal, state, and local standards for public water supplies and is commensurate in quality with that furnished to customers within the City of Chicago municipal limits, and
- completion of an annual cost of service study to serve as the basis for determination of the volumetric rate at which the GPWC will be charged for water purchased from the City of Chicago.

Details related to the supply of water to the GPWC from the City of Chicago are contained in the previously referenced Chicago-Joliet Water Supply Agreement.

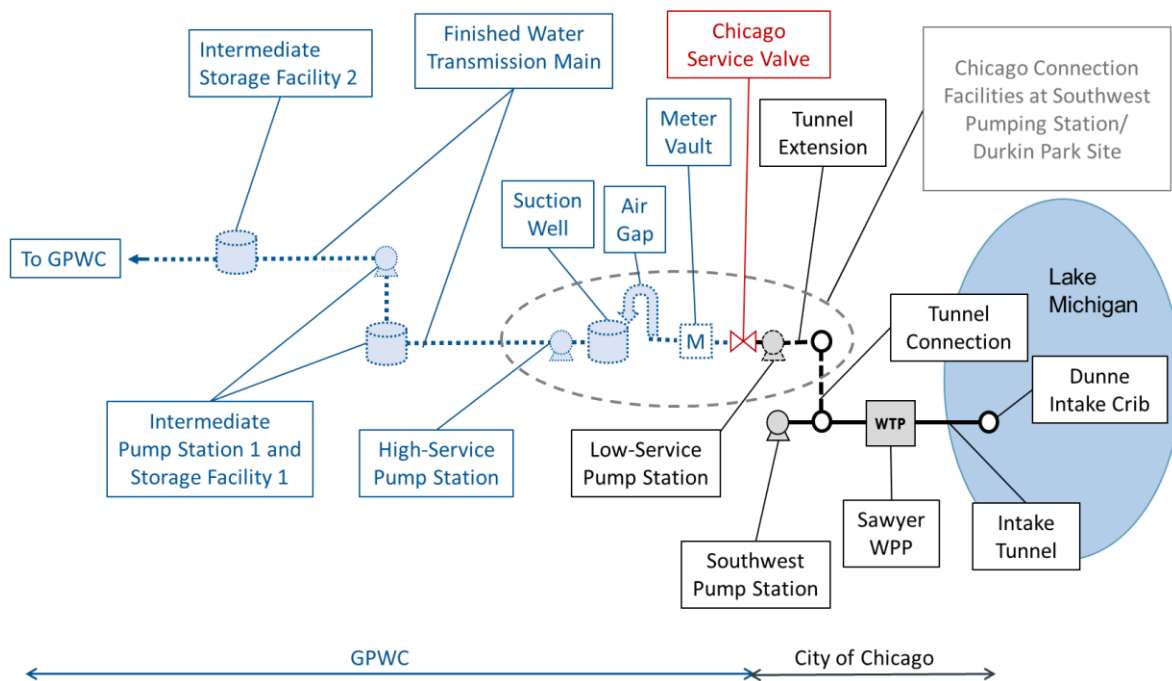


Figure 1-2 City of Chicago Water Supply for the Grand Prairie Water Commission

Overall responsibilities related to the planning, design, construction, financing, and operation of the facilities to be owned and operated by the City of Chicago are summarized in Table 1-4. The City of Chicago is responsible for the design and construction of the new Tunnel Connection. As noted previously, Joliet is serving as the overall Program Manager for implementation of the Program and will contract for and finance engineering design and construction engineering services for the new Tunnel Extension, new Low Service Pump Station, and new Chicago Service Valve that will

eventually be owned and operated by the City of Chicago. The GPWC will contract for construction of these facilities while Chicago will finance the construction and will take over ownership along with responsibilities for operation and maintenance once the improvements have been constructed and start-up/commissioning has been completed.

Table 1-3 Responsibilities for Alternative Water Source Program Supply and Production Facilities to be Owned by the City of Chicago

	Design and Construction Engineering Activities	Design and Construction Engineering Costs	Construction Contracting	Construction Costs	Facility Ownership	Operation & Maintenance
Intake Crib and Tunnel	Not Applicable – Existing Facilities				Chicago	Chicago
Sawyer WPP					Chicago	Chicago
South Tunnel System					Chicago	Chicago
Tunnel Connection	Chicago	Chicago	Chicago	Chicago	Chicago	Chicago
Tunnel Extension	Joliet*	Joliet*	GPWC	Chicago	Chicago	Chicago
Low Service Pump Station	Joliet*	Joliet*	GPWC	Chicago	Chicago	Chicago
Chicago Service Valve	Joliet*	Joliet*	GPWC	Chicago	Chicago	Chicago

Note:

* Retained as Program Manager working on behalf of the GPWC

Key:

GPWC = Grand Prairie Water Commission

WPP = water purification plant

1.5.4.2 Grand Prairie Water Commission Roles and Responsibilities

The GPWC will purchase treated Lake Michigan water from the City of Chicago and accept the water at the Chicago Service Valve for delivery to Water Delivery Structures of Commission Members. The Program Management Agreement between the GPWC and Joliet defines Joliet's authority and responsibilities as the overall Program Manager for completion of the Program including design, construction, start-up and commissioning of the Project Facilities. GPWC Member communities will participate in the Program as identified in the IGA and described in the following section.

Infrastructure that will be constructed as part of the AWSP and owned, operated, and maintained by the GPWC includes:

- Chicago Connection Facilities Meter Vault (part of Work Package AWSP-01-03)
- Chicago Connection Facilities Suction Well (reservoir) in Durkin Park (Work Package AWSP-01-02)
- Chicago Connection Facilities High Service Pump Station adjacent to Chicago's Southwest Pumping Station (part of Work Package AWSP-01-03)
- New water transmission main (60- and 66-inch diameter) from Chicago Connection Facilities to the region (Work Packages AWSP-02-01/02/03/04/05/06 and AWSP-07-01/02)
- Intermediate Pump Station (IPS1) and Storage Facility (ISF1) (Work Package AWSP-03-01)
- Intermediate Storage Facility 2 (ISF2) (Work Package AWSP-04-01)
- New water transmission main 48-inch and smaller diameter to convey water to Commission Member Water Delivery Structures located throughout the GPWC service area (Work Packages AWSP-06-01/02/03/04/05)
- Water Delivery Structures for each commission Member (Work Packages AWSP-06-06/07/08/09), and
- a Commission Office (CIP #10).

The GPWC will construct, own, and operate all infrastructure downstream of the Chicago Service Valve through the Point of Delivery located at the first valve located on the combined discharge line downstream of each Water Delivery Structure. Costs for the infrastructure required to establish one primary Water Delivery Structure for each commission Member (including transmission main and Water Delivery Structure) will be included in the total Program costs to be shared by all GPWC Members. Costs associated with the provision of additional Water Delivery Structures for any Member (non-primary Points of Delivery), will be paid by that Member. This includes the cost of the Connecting Main from the GPWC transmission main to non-primary Water Delivery Structures as well as the cost of the non-primary Water Delivery Structures and associated SCADA communication equipment. Figure 1-3 is a general schematic of the proposed GPWC system (not all proposed Commission Infrastructure is shown in the figure). Responsibilities related to the planning, design, construction, financing, and operation of these facilities are summarized in Table 1-5. Efforts related to the acquisition of land or right-of-way for improvements will be led by Joliet in its role as Program Manager. Ownership of land rights acquired by Joliet prior to Commission formation will be formally assigned to the GPWC after the Commission is established.

The City of Joliet has been leading efforts related to the development of the GPWC water system since February 2022. Joliet will continue in this role, as the GPWC Program Manager, throughout the completion of the design, permitting, land acquisition, construction, start-up and commissioning activities required to implement the Program

as described in the Program Management Agreement. The GPWC will hold all construction contracts for commission infrastructure and be responsible for operation and maintenance of the new infrastructure once constructed and start-up/commissioning is completed. Once start-up, commissioning, and water quality monitoring during an appropriate transition period are completed and all Program contracts are completed and closed, Joliet's management of the Program will conclude as provided in the Program Management Agreement.

Once the GPWC system is operational, the GPWC will be responsible for purchasing treated Lake Michigan water from the City of Chicago and conveying that water to the Water Delivery Structures for all its Members. The GPWC will deliver water to Members at a minimum pressure and minimum chlorine residual per regulatory requirements which are currently a minimum normal working pressure of 20 pounds per square inch (psi) on all transmission main finished water (Title 35 IL Admin. Code, Section 604.1415.a.2) and a minimum free chlorine residual of 0.5 parts per million (Title 35 IL Admin. Code, Section 604.725.a) and agreed upon level of orthophosphate for corrosion control. The target free chlorine residual and orthophosphate level (with maximum upper limit) will be determined in consultation with the Member communities. However, the target free chlorine residual and orthophosphate level will not be lower than the free chlorine residual and orthophosphate level supplied by Chicago at the Chicago Service Valve.

Figure 1-3 GPWC System General Arrangement

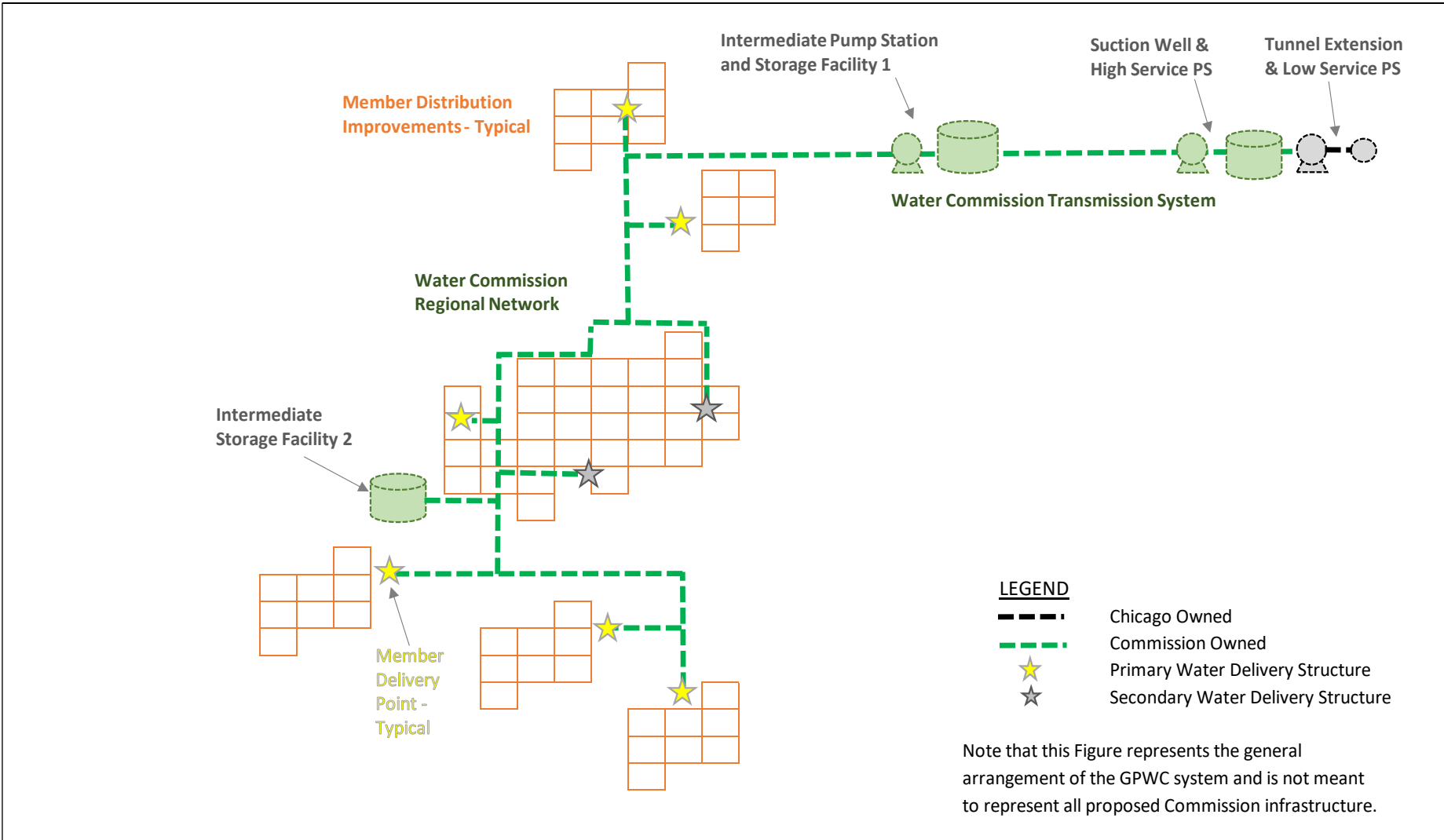


Table 1-4 Responsibilities for Alternative Water Source Program Facilities to be Owned by the Grand Prairie Water Commission

	Design and Construction Engineering Activities	Design and Construction Engineering Costs	Construction Contracting	Construction Costs	Facility Ownership	Operation & Maintenance
Meter Vault	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Suction Well	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
High Service Pump Station	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Transmission Main	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Intermediate Pump Station/ Storage Facility 1	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Intermediate Storage Facility 2	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Regional Transmission Main	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Water Delivery Structures (Primary)	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC
Water Delivery Structures & Piping (non-Primary)	Joliet*	Joliet**	GPWC	GPWC/Member***	GPWC	GPWC
Commission Office (addition to IPS1)	Joliet*	Joliet**	GPWC	GPWC	GPWC	GPWC

Note:

* Retained as Program Manager working on behalf of the GPWC

** Joliet expenditures for Design and Construction Engineering Costs will be treated as Advanced Development Costs as described in the Water Supply Agreement.

*** Construction costs for non-primary Water Delivery Structures (and associated Connecting Main) will be allocated to the respective Member requiring non-primary Water Delivery Structures in the overall allocation of costs for GPWC infrastructure.

Key:

GPWC = Grand Prairie Water Commission

1.5.4.3 Grand Prairie Water Commission Member Responsibilities and Timeline

The specific responsibilities of GPWC Members are defined in detail in the *IGA* and the *WSA*.

As of the date of this 2024 Basis of Design, all Members are coordinating with the Program Team to define the detailed location of the easements required for their Water Delivery Structures and provide supporting information (survey, geotechnical investigation results) for design of the facilities in accordance with the Program schedule.

During implementation of the Program, GPWC Members will provide input to the Program as described in the *PMA* and make payments to the GPWC pursuant to the *WSA* including for Commission administration costs, Commission capital and debt service costs, and Commission operation, maintenance, and replacement (OM&R) reserve.

1.5.4.4 Member Responsibilities for Local Distribution Infrastructure

Throughout Program implementation and after start-up of the GPWC system, each Member community will retain full responsibility for the operation and maintenance of its own public water supply downstream of the Point of Delivery to the Member. Each GPWC Member must plan, design, permit, and construct improvements downstream of its respective Points of Delivery to provide for the effective and reliable operation of its system. At a minimum, these improvements will include pumping facilities required to maintain service pressures in its system, water storage facilities with a total volume equal to two times its IDNR Lake Michigan Allocation (i.e., average day demand), and provisions for an alternate water supply source(s) for use in the event of a primary supply outage which exceeds two days in duration.

GPWC Members will also each have to complete their system-specific Water Source Transfer Plans and implement actions required to obtain regulatory approvals for their planned 2030 change in water source.

Efforts to plan, design, and implement needed local distribution system improvements, and complete individual water source transfer testing programs are currently in progress in all the Member communities.

1.6 Alternative Water Source Program Key Design Standards

A prudent approach to the design of a new system to serve existing and future demands over the next 100 years requires the use of adaptive management. Adaptive management allows for the flexibility to address unknown future conditions that cannot be contemplated at this time. This philosophy is being incorporated into design of the Program infrastructure.

As the GPWC System will be a public water supply, the Program infrastructure will be subject to issuance of permits by the Illinois Environmental Protection Agency (IEPA) and will have to be designed in accordance with [Title 35 of the Illinois Administrative Code](#) (Part F- Public Water Supplies), and the [Great Lakes - Upper Mississippi River Board \(GLUMRB\) Standards \(Ten States Standards\)](#), except where exceptions to specific requirements are obtained from IEPA or as otherwise required by law.

1.7 Program Level Strategies

1.7.1 Sustainability and Resiliency Strategy

In support of the overall mission of the AWSP, the Program Team has drawn upon principles from the Institute for Sustainable Infrastructure's Envision Framework⁴ and crafted a strategy for sustainable and resilient design. The Envision framework encourages changes in the planning, design, and delivery of projects to create more sustainable, resilient, and equitable infrastructure. For the AWSP, the Program Team has adopted, as goals, specific sustainability and resiliency priorities from all five categories included in the Envision framework as listed below. These priorities are being used by the Program Team throughout AWSP implementation to maintain a focus on sustainability and resiliency.



Quality of Life

Advancing Equity and Social Justice – Ensure that equity and social justice are fundamental considerations within project process and decision making through stakeholder engagement and discussion among Program Team members.

Minimize Construction Impacts – Identify and manage the temporary impacts of construction on adjacent neighborhoods and properties at Program sites through outreach and coordination during design, as well as incorporation of impact mitigation measures into construction documents.



Leadership

Provide for Stakeholder Involvement – Develop, monitor, and refine plans for early and sustained stakeholder engagement and involvement in project decision making.

Foster Collaboration and Teamwork – Schedule and conduct regular meetings to promote early and consistent collaboration between designers, contractors, operators, and Grand Prairie Water Commission Members. Drive focus on the common goal of Program delivery by 2030.

⁴ *Envision Sustainable Infrastructure Framework. Version 3.* Institute for Sustainable Infrastructure. 2018. <https://sustainableinfrastructure.org/wp-content/uploads/EnvisionV3.9.7.2018.pdf>



Resource Allocation

Reduce Operational Energy Consumption – Incorporate measures for managing energy usage at AWSP facilities into project designs. When the project is complete, energy use will likely be the largest recurring cost of operation for the water system. Reducing energy usage may be the best way to reduce the long-term cost of operation of the system.

Preserve Water Resources – Reduce regional use of the deep aquifer and plan for the efficient use of the new Lake Michigan source through promotion of best practices for water loss management and water conservation. Water quality and availability are a concern across the US and around the world. Increased usage, limited ground water recharge, and variability in the hydrologic cycle present significant challenges for many communities.

Commission and Monitor Energy Systems – Prepare standard guidelines and design details for monitoring energy use at AWSP facilities after they are constructed. Monitoring the system is important for maintaining operational efficiency over the life of the project. Commissioning provides assurance that the system is functioning as intended at startup, while monitoring equipment and software allows operators to identify and isolate issues to maintain that energy efficiency over the life of the project.

Reduce Operational Water Consumption – Perform annual reviews of non-revenue water and customer water use trends to confirm that water is being used efficiently. Decreasing non-revenue water and reducing overall water consumption means less water treated and pumped, and more water for future generations.

Monitor Water Systems – Perform regular reviews of water system performance (water loss audits, reviews of power usage, pressure variation tracking, etc.) to monitor/identify changes in performance. Similar to the benefits of monitoring energy usage, monitoring flow and usage of water and detecting leaks early can save money in operations, reduce non-revenue water, and decrease energy consumption associated with treatment and pumping.



Natural World

Managing Stormwater – Minimize the impact of project improvements on stormwater runoff quantity, rate, and quality. Identify opportunities for incorporating stormwater best management practices into site designs for individual AWSP projects.

Preserve Sites of High Ecological Value – Implement National Environmental Policy Act (NEPA) guidelines and requirements

including the mitigation hierarchy of Avoidance, Minimization, Protection, and Offsetting.



Evaluate Risk and Resilience – Conduct and review regularly a comprehensive risk evaluation to understand potential hazards or threats to program success. Risk is a factor of the probability of a threat/hazard occurrence, the potential impact on the Program, and the associated consequence of failure.

Improve Infrastructure Integration – Enhance the operational relationships and strengthen the functional integration of the project into connected, efficient, and diverse infrastructure systems.

The AWSP is a multi-faceted effort with multiple design teams. This strategy for sustainable and resilient design is intended to facilitate and provide a consistent framework for incorporating sustainability and resiliency into the planning, design, construction, and operation of the required infrastructure improvements. A summary of the *Sustainable and Resilient Design Strategy* for the Alternative Water Source Program is available on the GPWC website at: [GPWC Sustainable and Resilient Design Strategy](#).

1.7.2 Local and Disadvantaged Business Enterprise Engagement Strategy

The AWSP represents one of the largest single investments in public infrastructure undertaken within the southwest suburbs of Chicago. In addition to providing the region with a reliable, long-term source of high-quality drinking water, the AWSP will create significant economic opportunity for businesses in the construction, technical, and financial sectors.

Given the importance of the AWSP to the region, it is recognized that the program must include a well-defined strategy for the effective engagement of local and Disadvantaged Business Enterprises (DBE) during final design and construction of the AWSP improvements. Engagement of local and DBE firms in the Program will benefit the region through:

- the injection of capital investment dollars into key sectors in the regional economy providing return on that investment in terms of economic and workforce development,
- the participation of entities with diverse backgrounds, perspectives, and capabilities in the analysis of challenges and effective delivery of the Program, and
- compliance with participation criteria used by state and federal agencies in evaluating programs for grant and/or low interest loan programs.

Elements of the [Local and Disadvantaged Business Enterprise Utilization Plan](#), including outreach to potential local and DBE firms and plans for procurement of services, are tailored to the phases of the Program and structured to achieve compliance with

requirements for external funding programs including the Water Infrastructure Finance and Innovation Act (WIFIA) and the State Revolving Fund Loan Program. As of the date of this 2024 Basis of Design, WIFIA has not set quantitative metrics for DBE involvement for non-construction activities (e.g., design, engineering, etc.); rather, WIFIA loan recipients must demonstrate compliance with USEPA's Six Good Faith Efforts.⁵ WIFIA goals for minority participation on construction work are county dependent. The current goal for Cook and Will Counties is 16.9%; for Grundy and Kendall Counties, the current minority participation goal is 18.4%. The goal for female participation nationwide is 6.9%. DBE engagement goals used by the Illinois Environmental Protection Agency for the State Revolving Fund Loan Program are currently 5% Minority Business Enterprise (MBE) and 12% Women Business Enterprise (WBE).

The Chicago-Joliet Water Supply Agreement also requires that the bidding and contractor selection process for work related to the Chicago Connection Facilities be conducted in accordance with the requirements of Articles III through and including IX of Chapter 2-92 of the Municipal Code of Chicago. This portion of the code includes requirements for participation by minority-owned business enterprises (MBE) of 26% and women-owned business enterprises (WBE) of 6% and local workforce development.

Chicago's requirements will apply to the following AWSP work packages being constructed within the City of Chicago:

- AWSP-01-01 Tunnel Extension
- AWSP-01-02 Suction Well
- AWSP-01-03 Low Service and High Service Pump Stations (which includes the Chicago Service Valve and Meter Vault)

The core AWSP Program Team includes one WBE firm (Images, Inc.) and one local firm (Strand Associates, Inc.). During the current design phase of the Program, the Team has conducted two specific solicitations to prequalify DBE or local firms to support ongoing design efforts, and engaged two additional DBE firms (one MBE, one WBE) to provide specialized support for specific Program activities.

In January 2022, the Team issued a Request for Qualifications for firms to provide geotechnical field investigation services for the Program. Qualifications packages were received from six firms including three WBE firms. Five of the six firms, including two of the WBE firms, were determined to be qualified to provide services for the Program. The sixth firm was determined to be qualified, but only for assignments not involving rock coring. To date, the Team has provided the firms with the opportunity to submit proposals for eight separate field investigation assignments.

⁵ https://19january2017snapshot.epa.gov/sites/production/files/2013-09/documents/good_faith_efforts.pdf

A second solicitation specifically targeting DBE and local firms capable of providing engineering support for design activities was issued in October 2022. A total of 22 qualifications statements were received and reviewed. Of those, 21 firms including four local firms, nine MBE firms, six WBE firms, and three VBE firms were deemed qualified to be considered for design support tasks. As of February 2024, the Team has executed one subcontract with a qualified firm to provide maintenance of traffic design support for two conveyance work packages. In addition, a WBE firm (Waterwell) was recently retained to support community outreach activities in Chicago. Efforts are in progress to prepare and issue RFPs for additional design support activities. In addition, the Program Team will have an additional solicitation for DBE and local firms to support construction engineering activities.

Detailed plans for continued local and DBE firm engagement efforts during the multi-year construction phase of the AWSP will be developed as the overall schedule for bidding, award, and construction of individual work packages is defined. Activities that are anticipated to be essential to the success of this effort include:

- active engagement of local and DBE subconsultants and subcontractors as members of the Program Team providing support of overall program management and construction management activities.
- early, clear, and ongoing communication related to the scope and schedule for bid packages to the general and local/DBE contracting communities.
- monitoring, assessment, and refinement of bidding and contract documents especially as they relate to engagement of local and DBE firms.
- regular monitoring of local and DBE involvement in AWSP projects and the overall Program.
- recognition of local and DBE firms that successfully complete key program assignments as prime contractors or major subcontractors.

2 Alternative Water Source Program Design Flows

2.1 GPWC Members and System Configuration

Design flows for the AWSP presented in this 2024 Basis of Design are based on the sum of declared and estimated water demands provided by the six GPWC Member communities.

- Channahon
- Crest Hill
- Joliet
- Minooka
- Romeoville
- Shorewood

Key design capacity values used throughout the balance of this document are defined as follows:

- The Initial Commission System Design Capacity (ICSDC) is equal to the sum of the Members' 2050 Declared Maximum Day Demand values and is the capacity for which the initial Commission System will be designed and constructed.
- The Buildout Commission System Design Capacity (BCSDC) is equal to the sum of the Members' Estimated Buildout Maximum Day Demand values and will be considered in the design where appropriate to facilitate future expansion and operation of the Commission System.

Exhibit 2-1 shows the boundaries (as of the date of this 2024 Basis of Design) of the Commission Members as well as general locations of Member-identified Water Delivery Structures for each. The size of the circle used to designate the location of each Water Delivery Structure is representative of the projected 2050 Average Day Demand and Declared 2050 Maximum Day Demand to be supplied at that site. Projected 2030, 2050, and Buildout water demands provided by the communities for each Water Delivery Structure are summarized in Table 2-1.

The number and location of Water Delivery Structures required for each GPWC Member were determined through collaboration with Member water system representatives. As indicated previously, all piping connecting the Commission system to the Water Delivery Structures and the Water Delivery Structures will be designed, constructed, owned, and operated by the GPWC. Costs for the construction of infrastructure required to bring water to one Primary Water Delivery Structure for each community will be included in the costs shared by all GPWC Members. Where a GPWC Member requires more than one Water Delivery Structure, that Member will pay the costs for construction of any connection piping, including appurtenances, and structures associated with those Non-primary Water Delivery Structure.

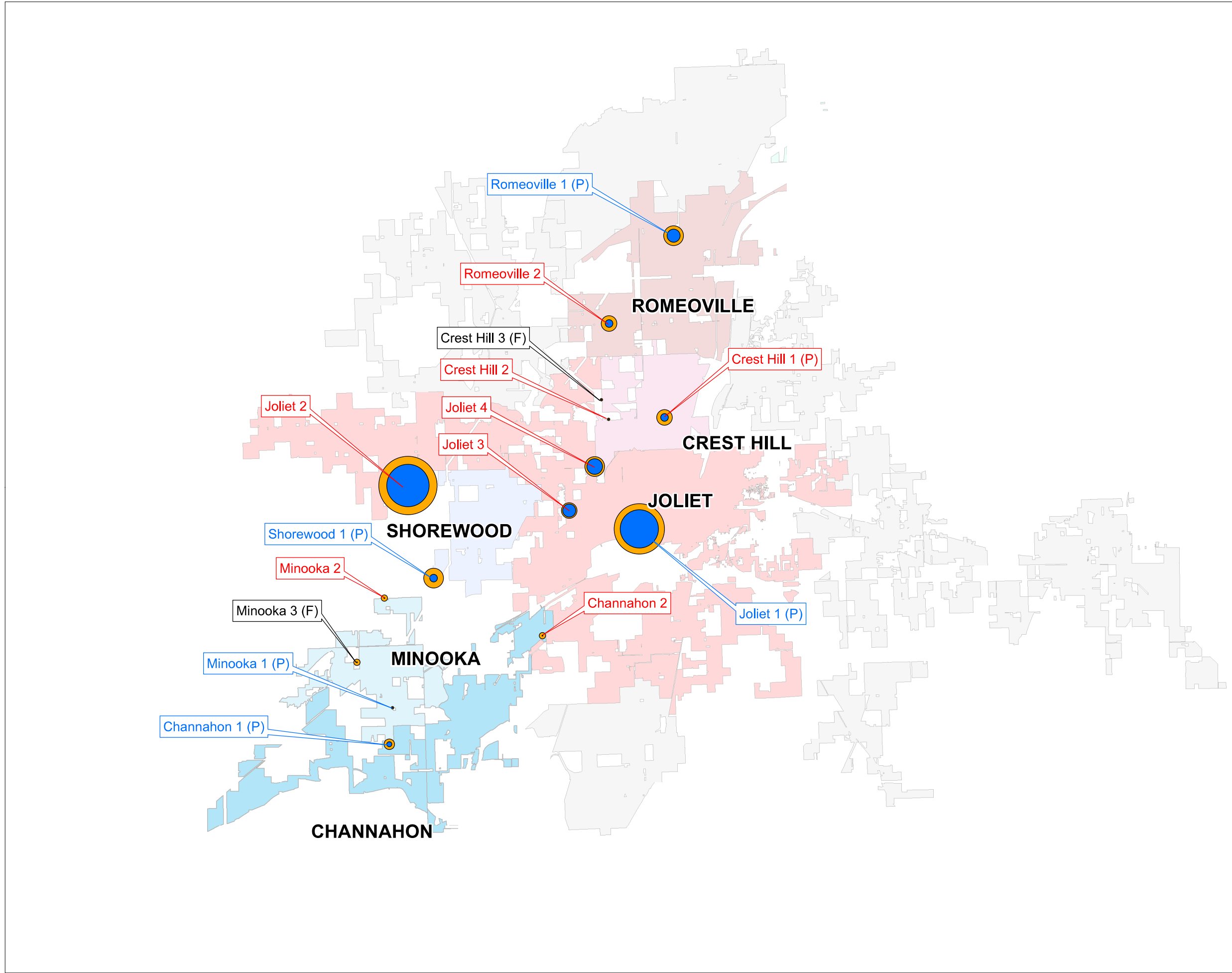


Exhibit No.
2-1

GRAND PRAIRIE
WATER COMMISSION

Title
Member
2050 Average Day & Maximum Day Demands

Client/Project
GPWC
Alternative Water Source Program

Project Location
Will and Cook Counties
Prepared by JV on 3/29/2024

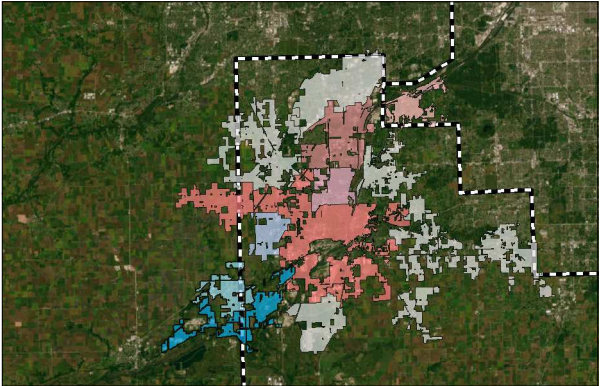


0 1.5 3 6
Miles

(At original document size of 22x34)
1 Inch = 8000 Ft

Legend

- 2050 Average Day Demand
- 2050 Maximum Day Demand



Location Map: Not to Scale

Notes
1. Coordinate System: NAD 1983 StatePlane Illinois East FIPS 1201 Feet
2. Data Sources: WILL CO., COOK CO., IDOT, INDOT, INDR and USFWS DATA. DOWNLOADED FROM WEB 3/11/2019 to 8/26/2019
3. Background: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Table 2-1 Projected 2030, 2050, and Buildout Demands: GPWC Members

GPWC Member	Water Delivery Structure Label*	2030 Demands (MGD)			2050 Demands (MGD)			Buildout Demands (MGD)		
		Min Day	Average Day	Max Day	Min Day	Average Day	Max Day	Min Day	Average Day	Max Day
Channahon	Primary	0.48	0.87	1.65	0.85	1.56	2.67	1.42	2.60	4.18
	Secondary (Wheeled through Joliet)	0.24	0.45	0.85	0.44	0.81	1.37	0.73	1.34	2.16
	TOTAL	0.72	1.32	2.50	1.29	2.37	4.04	2.15	3.94	6.34
Crest Hill	Primary	1.23	1.96	2.89	1.40	2.25	3.34	1.40	2.25	3.34
	Secondary	0.14	0.22	0.32	0.18	0.28	0.42	0.18	0.28	0.42
	Future	-	-	-	0.18	0.28	0.42	0.18	0.28	0.42
	TOTAL	1.36	2.18	3.21	1.76	2.81	4.18	1.76	2.81	4.18
Minooka	Primary	0.54	0.69	1.20	0.47	0.60	1.00	1.16	1.47	2.35
	Secondary ⁽¹⁾	0.66	0.84	1.46	0.66	0.84	1.40	1.62	2.05	3.29
	Future ⁽¹⁾	-	-	-	0.76	0.96	1.60	1.85	2.35	3.76
	TOTAL	1.21	1.53	2.66	1.89	2.40	4.000	4.63	5.87	9.39
Joliet	Primary	5.86	7.32	9.08	7.22	9.03	11.41	10.80	13.50	16.95
	Secondary	5.06	6.32	7.84	7.89	9.86	12.23	8.85	11.06	13.71
	Tertiary	0.84	1.20	1.78	1.92	2.67	3.67	3.51	4.81	6.46
	Quaternary	2.62	3.28	4.07	2.62	3.28	4.07	4.16	5.20	6.45
	Future (WCHPZ)	-	-	-	-	-	-	8.30	10.38	12.87
	Future (SWHPZ)	-	-	-	-	-	-	7.04	8.81	10.71
	TOTAL ⁽³⁾	14.13	17.67	21.92	19.21	24.03	30.000	41.94	52.42	65.00
Romeoville	Primary	1.82	2.76	4.13	2.11	3.19	4.79	2.11	3.19	4.79
	Secondary ⁽⁴⁾	1.32	2.00	2.99	1.52	2.31	3.47	1.52	2.31	3.47
	TOTAL	3.14	4.75	7.13	3.63	5.50	8.25	3.63	5.50	8.25
Shorewood	Primary	1.58	1.80	3.60	2.10	2.40	4.80	4.55	5.20	10.40
	Future ⁽⁵⁾	-	-	-	-	-	-	0.88	1.00	2.00
	TOTAL ⁽⁵⁾	1.58	1.80	3.60	2.10	2.40	4.80	4.55	5.20	10.40
GPWC TOTAL		22.14	29.25	41.01	29.88	39.51	55.27	58.66	75.74	103.56

*Water Delivery Structure Locations to be provided by Member after approval of the Water Supply Agreement.

- (1) Minooka's Tertiary Water Delivery Structure became its Secondary Water Delivery Structure and the Secondary Water Delivery became a Future Water Delivery Structure.
- (2) Joliet's Tertiary Water Delivery Structure demand includes Joliet demand and Channahon's Secondary Water Delivery Structure demand (being wheeled through Joliet).
- (3) The total for Joliet does not include the demands for the Channahon's Secondary Water Delivery Structure being wheeled through the Joliet's Tertiary Water Delivery Structure.
- (4) Romeoville's Secondary Water Delivery Structure is being sized to accept a higher flow if their Primary Water Delivery Structure is out of service.
- (5) Shorewood's future Water Delivery Structure is being sized at 1.0 MGD Average Day Demand. Since the timing is unknown, Shorewood's Primary Water Delivery Structure will be sized for Shorewood's full demands to Buildout.

The projected demands in Table 2-1 are consistent with the demands declared by the individual Members with the exception of the City of Joliet and Village of Romeoville. The final declared demands for the City of Joliet and the Village of Romeoville reflect the conditions defined in the Memorandum of Understanding Regarding Water System Capacity Allocation, dated February 23, 2022, under which Joliet has agreed to declare 2 MGD of additional 2050 Maximum Day Demand for use by Romeoville in the event that expansion increases Romeoville's Declared Maximum Day Demand. Table 2-2 presents the declared demands for each Member with consideration of this arrangement between Joliet and Romeoville.

Table 2-2 GPWC Member Declared 2050 and Estimated Buildout Maximum Day Demands

Member	Declared 2050 Maximum Day Demand (MGD)	Initial Commission System Design Capacity (%)	Estimated Buildout Maximum Day Demand (MGD)
Channahon	4.04	7.3%	6.34
Crest Hill	4.18	7.6%	4.18
Joliet	32.00 ¹	57.9%	65.00
Minooka	4.00	7.2%	9.39
Romeoville	6.25 ²	11.3%	8.25
Shorewood	4.80	8.7%	10.40
Total Declared Demands	55.27	100.0%	103.56

¹ 2050 Declared Maximum Day Demand for Joliet includes 2.00 MGD to be "loaned" to Romeoville

² 2050 Declared Maximum Day Demand for Romeoville does not include 2.00 MGD "loaned" by Joliet

Based on these values, design capacities for the AWSP are as follows:

- Initial Commission System Design Capacity (ICSDC) = 55.27 MGD
- Buildout Commission System Design Capacity (BCSDC) = 103.56 MGD

If the Village of Lemont enters into an agreement with GPWC for development of the 12550 Bell Road property in Lemont and an option to purchase water from the GPWC by November 30, 2024, then the Initial Commission System Design Capacity will be increased by 4 MGD and the Buildout Commission System Design Capacity would be increased by 6 MGD. These capacities would be reserved for Lemont until the first to occur of (i) such time as Lemont determines whether (or not) to be a non-Member Customer of the Commission or (ii) Lemont's option to purchase water expires. If such increases are implemented, the capacities noted in the following Sections of this Basis of Design will be adjusted accordingly.

3 City of Chicago Existing Supply and Production Facilities

Existing Chicago facilities will provide water service to the GPWC. Pursuant to the Chicago-Joliet Water Supply Agreement, these facilities are all owned, operated, and maintained by Chicago.

Treated Lake Michigan water will be supplied to the GPWC by the City of Chicago. Raw water will be drawn from Lake Michigan at the 68th Street/ Edward F. Dunne Crib complex located approximately 2.2 miles east of Jackson Park Harbor in Lake Michigan. Lake water will flow from the crib structure to the Eugene Sawyer Water Purification Plant (SWPP) via a 14-foot-diameter tunnel constructed below the bed of the lake.

Chicago's Department of Water Management (CDWM) proactively assesses risks to the quality of Lake Michigan and evaluates both point and nonpoint sources of contamination.

CDWM has in place a 10-step source water Emergency Response Protocol to respond to water quality threats in Lake Michigan. Raw water quality samples are collected by CDWM, as needed, and the results are used to determine any necessary water treatment adjustments (including the need for the addition of powdered activated carbon) to ensure the continuous delivery of safe, high quality drinking water.

CDWM also has the ability to use an independent, shore intake to supply raw water to the SWPP if concerns exist regarding water quality at the Dunne Crib complex. The availability of this shore intake provides redundancy for Chicago's raw water supply.

The SWPP, constructed in 1947, is a 720 MGD conventional surface water treatment plant that uses coagulation, flocculation, sedimentation, filtration, and disinfection processes to produce potable water. Historic data indicates that the water produced at the SWPP is of excellent quality and meets all current state and federal water quality regulations. In addition, CDWM conducts quarterly comprehensive chemical analyses of its source water and treated water, and regularly monitors raw and treated water quality for potential parameters of concern. Past studies have focused on parameters including Endocrine Disrupting Chemicals, Pharmaceuticals & Personal Care Products, Hexavalent Chromium, Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA), and more recently, microplastics. These data have consistently shown Lake Michigan to be a high-quality source for raw water.

Water treated at the SWPP is conveyed to the CDWM's Southwest Pumping Station site through 12-foot, and 16-foot diameter tunnels that form the backbone of the City's South Tunnel Systems. The 12-foot diameter Columbus Avenue/84th Street Tunnel serves as the supply for the Southwest Pumping Station and will also supply the proposed tunnel connection and tunnel extension that will serve the GPWC.

4 AWSP Basis of Design - Key Design Principles

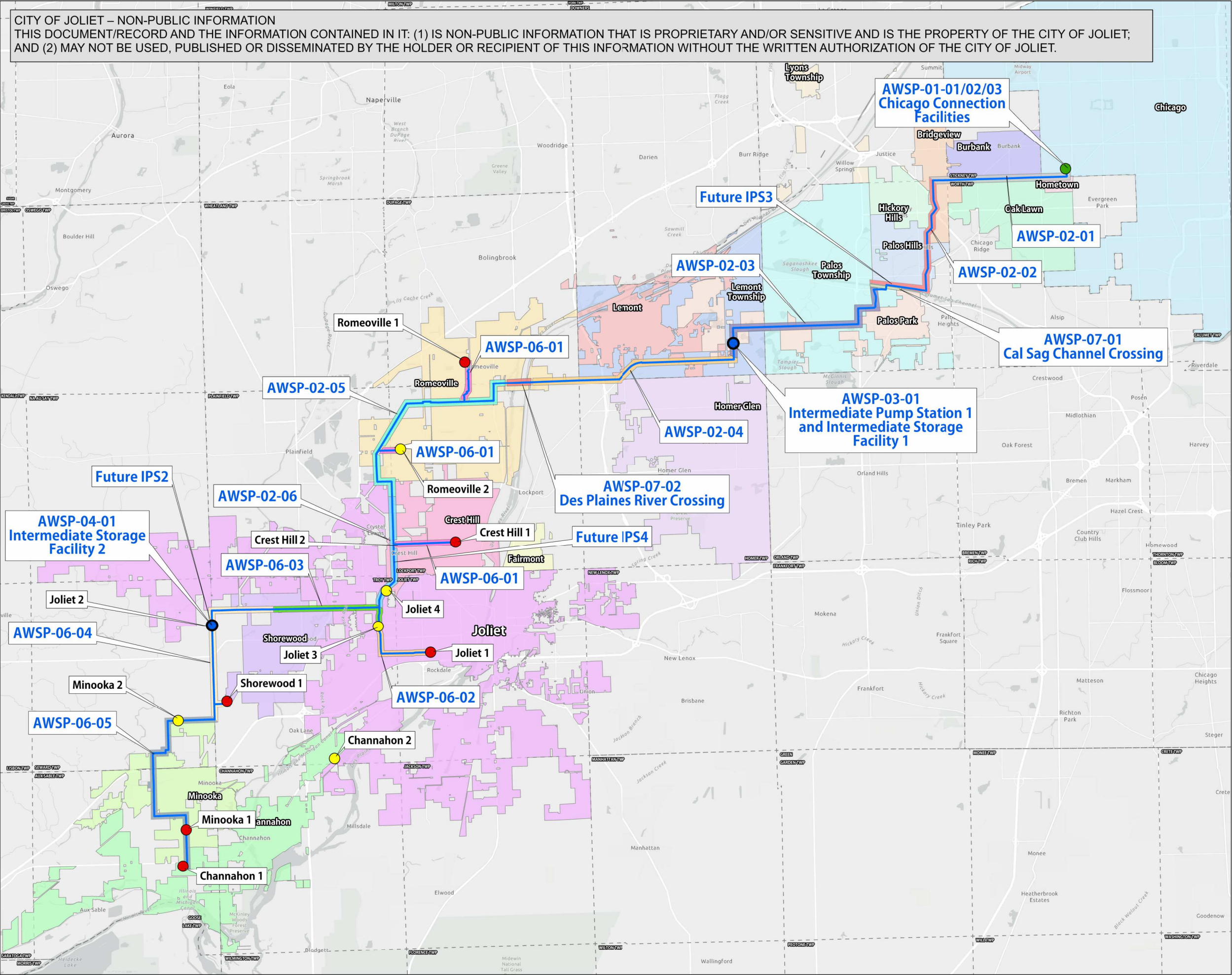
4.1 Key Design Principles

The primary function of the GPWC water system ("Commission System") is to convey treated Lake Michigan water from Chicago to the Water Delivery Structures for the GPWC Members. A map of the proposed Commission System is Shown in Exhibit 4-1.

Key design principles developed for the Commission System include the following:

- The City of Chicago requires that an air gap be created between the CDWM system and the Commission System to protect the CDWM system from any potential backflow from the Commission System.
- GPWC withdrawals from the CDWM water system, and GPWC Member withdrawals from the Commission System will be maintained at a uniform daily rate. The system is not designed to support pump on-demand operations or meet peak hour demand conditions.
- New infrastructure at the Chicago Connection Facilities site will be designed for the Initial Commission System Design Capacity while considering space for future equipment upgrades needed to meet Buildout Commission System Design Capacity.
- The proposed Suction Well to be constructed in Durkin Park will be sized to provide the storage volume needed for controlled shutdown of the High Service Pump Station when operating at Buildout Commission System Design Capacity.
- Transmission system pumping facilities will be designed to maintain minimum operating pressure of 25 psi between the High Service Pump Station and Member Water Delivery Structures under all normal operating conditions. Pumping stations required along the transmission main will be designed to deliver the Initial Commission System Design Capacity. It is assumed that pumping capacity required to meet the Buildout Commission System Design Capacity will be created through upgrade/expansion of the Low Service Pump Station, High Service Pump Station, and Intermediate Pump Station 1 along with the construction of Intermediate Pump Stations 2, 3, and 4 and Intermediate Storage Facilities 3 and 4 as shown in Exhibit 4-1.
- Sizing of the proposed water transmission main from Chicago to the Member Water Delivery Structures will be based on the following design velocity criterion. Transmission main will be sized to maintain a minimum velocity of 1 foot per second (fps) under 2030 Minimum Day Demand conditions. For the Buildout Commission System Design Capacity, velocity will be below a maximum of 8 fps. Additional capacity for meeting projected buildout demands will be achieved through the future upgrade/expansion/addition of pump stations along the water transmission system.

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Item 4.

Exhibit 4-1

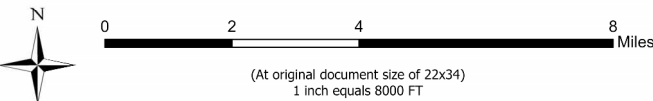
GRAND PRAIRIE
WATER COMMISSION

Title

Proposed Commission System

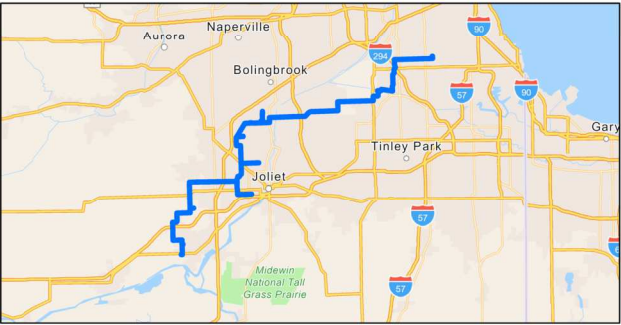
Client/Project GPWC
Alternative Water Source Program

Project Location
Will, Cook, Kendall, and Grundy Counties



Legend

- | | |
|---|--|
| <p>Delivery Point</p> <ul style="list-style-type: none"> Chicago Connection (Green circle) Primary (Red circle) Non-Primary (Yellow circle) Intermediate Location (Blue circle) <p>Member Community</p> <ul style="list-style-type: none"> Channahon (Light green) Crest Hill (Pink) Joliet (Purple) Minooka (Light green) Romeoville (Yellow) Shorewood (Light purple) | <p>Work Package ID - Construction Contracts</p> <ul style="list-style-type: none"> AWSP-02-01 (Grey) AWSP-02-02 (Red) AWSP-02-03 (Blue) AWSP-02-04 (Orange) AWSP-02-05 (Light green) AWSP-02-06 (Light blue) AWSP-06-01 (Pink) AWSP-06-02 (Yellow) AWSP-06-03 (Green) AWSP-06-04 (Light orange) AWSP-06-05 (Dark blue) AWSP-07-01 (Light green) AWSP-07-02 (Red) |
|---|--|



Location Map: Not to Scale

Notes
1. Coordinate System: NAD 1983 State Plane Illinois East
2. Data Sources: WILL CO., COOK CO., IDOT, DOWNLOADED FROM WEB
3. Background: County of Will, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/USA, USGS, EPA, NPS, USDA, FAO
4. Location for facilities are conceptual and do not indicate final locations for the proposed infrastructure. Final siting and routing analyses are ongoing as part of the engineering design process.



Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

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REV. JUNE 2024

- Proposed Intermediate Storage Facility 1 (Located just upstream of Intermediate Pump Station 1) will be designed to support operation and controlled shut down of IPS1 at the Initial Commission System Design Capacity, provide additional volume for operational flexibility, and provide up to 2 hours of supplemental supply (at average demands) for Water Delivery Structures between IPS1 and Intermediate Storage Facility 2 during an upstream supply outage.
- Proposed Intermediate Storage Facility 2 (ISF2) will be designed to provide operational flexibility in the western portion of the transmission main system and provide up to 2 hours of supplemental supply (at average demands) for Water Delivery Structures downstream of ISF2 during an upstream supply outage.
- Metering and flow control facilities will be constructed at all Water Delivery Structures, and Members will be required to take water at a uniform rate. GPWC Members are responsible for adjusting pressure at their Points of Delivery to support operation of their local water distribution networks.

4.2 Chemical Addition for Water Quality Maintenance

Given the high-quality Lake Michigan water being purchased from Chicago, no additional water treatment will be provided by GPWC. GPWC will have the ability to boost free chlorine and orthophosphate concentrations in order to maintain water quality provided by Chicago.

- The GPWC system will be operated to provide a free chlorine residual of at least 0.5 parts per million (ppm) at Member Water Delivery Structures
- It is currently anticipated that GPWC facilities will also have the ability to maintain a target orthophosphate level at Member Water Delivery Structures in the range of 2.5 – 3.0 ppm. The final target orthophosphate concentration will depend upon results from corrosion control testing currently being performed by the City of Chicago and all GPWC Members. The GPWC system will be operated to maintain the greater of the concentration of orthophosphate in the water supplied by Chicago or the lowest orthophosphate dosage determined to be required for optimal corrosion control treatment by any of the Members through completion of their Water Source Transfer Plans.

4.3 Transmission Main Sizing

Pipeline velocity is a primary driver for the sizing of the proposed transmission main from Chicago to the GPWC Member Water Delivery Structures. As noted above, the transmission main is sized to keep maximum velocities below 8 fps at the Buildout Commission System Design Capacity, and to maintain minimum velocities above 1 fps under projected 2030 Minimum Day Demand conditions. Based on hydraulic modeling performed, anticipated transmission main velocity is approximately 3 to 4 fps at the Initial Commission System Design Capacity. Additional capacity for meeting Buildout

Commission System Design Capacity will be achieved through the future upgrade/expansion/addition of pump stations.

Table 4-1 shows the range of flows that can be readily conveyed by various sizes of transmission main while meeting the design velocity criteria. Based on the projected 2030 Minimum Day Demand (22.14 MGD) and Buildout Commission System Design Capacity (103.56 MGD), a 66-inch-diameter pipe is planned for the primary segments of the GPWC transmission main.

Table 4-1 Transmission Main Size and Velocity Parameters

Pipe Size (inches)	Assumed Pipe Material	Inside Diameter (inches)		Design Flow (MGD)									
				20	30	40	50	60	70	80	90	100	110
20	DI	20.65	Flow Velocity (ft/s)	13.3	20.0								
24	DI	24.75		9.3	13.9	18.6							
30	DI	30.8		6.0	9.0	12.0	15.0	18.0					
36	DI	36.93		4.2	6.3	8.3	10.4	12.5	14.6	16.6	18.7		
42	PCLCP	42		3.2	4.8	6.4	8.1	9.7	11.3	12.9	14.5	16.1	17.7
48	PCLCP	48		2.5	3.7	4.9	6.2	7.4	8.6	9.8	11.1	12.3	13.5
54	PCCP	54		1.9	2.9	3.9	4.9	5.8	6.8	7.8	8.8	9.7	10.7
60	PCCP	60		1.6	2.4	3.2	3.9	4.7	5.5	6.3	7.1	7.9	8.7
66	PCCP	66		1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.9	6.5	7.2
72	PCCP	72		1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5	6.0
78	PCCP	78		0.9	1.4	1.9	2.3	2.8	3.3	3.7	4.2	4.7	5.1
84	PCCP	84		0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4
90	PCCP	90		0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5	3.9
96	PCCP	96		0.6	0.9	1.2	1.5	1.9	2.2	2.5	2.8	3.1	3.4

Notes:

- (1) Pipe materials shown were assumed as the basis for velocity calculations. Final selection of pipe material will be made during detailed design.
- (2) Velocity values assume constant inside diameter for pipelines over their useful life.

4.4 Transmission System Hydraulics

4.4.1 Pumping, Storage, and Pressure Requirements

Pumping and storage requirements along the GPWC transmission main reflect consideration of the preliminary engineering basis of design flows, ground surface elevations along the proposed transmission main alignment, and the hydraulic design principles related to minimum pipeline operating pressures summarized in Section 4.1.

Other hydraulic design criteria used for the current analysis of system hydraulics include:

- Minimum Pipeline Pressure: 25 psi
- Target Maximum Pipeline Pressure: 120 psi (may be exceeded at trenchless crossings and pump station discharges)
- Pipeline Roughness C-factor (2030): 130
- Pipeline Roughness C-factor (Future): 110

Consideration of a lower, future C-factor for the transmission main is important as other regional utilities in northeastern Illinois have experienced instances of C-factor decline resulting from water chemistry-related deposition on the interior of their pipelines. Coordination with the City of Chicago in an effort to avoid such problems is anticipated.

As shown in Exhibit 4-2, ground elevations along the proposed transmission main alignment range from approximately 620 feet above sea level at the point of connection to the Chicago water system near 84th Street and Kedvale Avenue to a high point of approximately 755 feet above sea level along Bell Road in the Village of Lemont. This high point is about 14 miles from the starting point for the proposed finished water transmission main at the Chicago Connection Facilities and establishes the static head that the proposed pumping facilities must overcome. Ground elevations west of this high point vary, but trend downward with elevations at the proposed Water Delivery Structures being in the range of about 600 to 685 feet above sea level. The total distance along the transmission main from the Chicago Connection Facilities site to the most distant Water Delivery Structure is approximately 56 miles. The total length of Commission pipeline (including Member connections) is approximately 62 miles, with 37 miles of transmission main being 60- to 66-inches in diameter. The remaining 25 miles of transmission main will be 48-inches in diameter and smaller.

Exhibits 4-2, 4-3 and 4-4 shows the projected hydraulic grade line profiles along the current transmission main alignment for the design 2030 Maximum Day Demand conditions, 2050 Maximum Day Demand conditions (Initial Commission System Design Capacity), and projected Buildout Maximum Day Demand conditions (Buildout Commission System Design Capacity).

For demands up to the Initial Commission System Design Capacity, the HGL and pressures within the system will be controlled at three points. Pumping from the High Service Pump Station will establish the HGL and pressures between the High Service Pump Station discharge and the IPS1/ISF1. Between IPS1 and ISF2, the HGL and system

pressures will be controlled by the level in ISF1 or pumping from IPS1. HGL levels and pressures downstream of ISF2 will be controlled by the level at that facility.

4.4.2 Transmission Main Hydraulics: Flow up to 2050 Average Day Demand

At demands up to approximately 41 MGD (2050 Average Day Demand) pumping at the High Service Pump Station will be sufficient to maintain needed minimum levels in both ISF1 and ISF2. Service to Water Delivery Structures downstream of the ISF2 will be by gravity based on the water level in the tank. As the 2050 Average Day Demand is only slightly lower than the 2030 Maximum Day Demand for the system, Exhibit 4-2 provides an indication of the anticipated hydraulic profile for the system under these conditions.

4.4.3 Transmission Main Hydraulics: Flow up to 2050 Maximum Day Demand (Initial Commission System Design Capacity)

Once system demands increase beyond 41 MGD (2050 Average Day Demand), head loss between the High Service Pump Station and ISF1 will increase, eventually reaching a point where pumping at IPS1 will be needed. For the Initial Commission System Design Capacity, the energy required to convey the flow from the Chicago Connection Facilities site to the Water Delivery Structures will be provided by the High Service Pump Station at the Chicago Connection Facilities and IPS1 as shown in Exhibit 4-3.

The total pumping head and discharge pressure required at the High Service Pump Station under Initial Commission System Design Capacity conditions are estimated to be the order of 275 feet and 115 psi, respectively, based on a required discharge hydraulic grade line of about 880 feet above sea level. Design discharge requirements for the High Service Pump Station are controlled by a combination of static head and minimum pressure requirements along with a need to maintain a minimum HGL elevation of 810 feet at ISF1. The storage facility minimum HGL level is required for surge control at the High Service Pump Station (discussed later in this section of the report).

For Initial Commission System Design Capacity demand conditions pumping head and discharge pressure at IPS1 are estimated to be on the order of 40 feet and 50 psi, respectively, based on an assumed ground elevation of approximately 720 feet and a discharge hydraulic grade line of about 840 feet above sea level.

Segment Start	Segment End	Flow (MGD)	Demand at Segment Start (MGD)	Diameter (in)	Segment Length (ft)	From Station	To Station	Sum of Minor Loss Coefficients	# of Valves	Segment Velocity (ft/s)	Total Headloss (ft)	Headloss Gradient (ft/1000ft)	Standpipe Fixed HGL (ft)	Start HGL (ft)	Pressure Along Pipeline (psi)
HSPS						0							-	613.2	-0.2
HSPS	INTPS(3)	41.01		66	48,515	0	48,515	8.50	10	2.67	16.4	0.34	-	839.1	97.6
INTPS(3)	Bell Road INTPS(1)	41.01		66	37,384	48,515	85,900	7.80	8	2.67	12.8	0.34	-	822.8	101.2
Bell Road INTPS(1)		41.01				85,900	85,900						810.00	810.0	39.0
Bell Road INTPS(1)	Romeoville1	41.01		66	54,944	85,900	140,844	8.85	11	2.67	18.4	0.34	-	794.8	32.4
Romeoville1	Romeoville2	36.88	4.13	60	19,272	140,844	160,116	1.40	4	2.91	8.2	0.42	-	776.4	46.5
Romeoville2	INTPS(4)	33.89	2.99	60	13,064	160,116	173,180	2.05	3	2.67	4.9	0.37	-	768.2	67.2
INTPS(4)	CrestHill3	33.89		60	1,872	173,180	175,052	5.35	1	2.67	1.3	0.68	-	763.4	61.2
CrestHill3	CrestHill1&2	33.89	0.00	60	3,470	175,052	178,522	0.35	1	2.67	1.3	0.37	-	762.1	65.9
CrestHill1&2	Joliet4	30.68	3.21	60	8,095	178,522	186,617	0.70	2	2.42	2.5	0.30	-	760.8	61.5
Joliet4	Joliet1/3	26.61	4.07	60	3,796	186,617	190,413	0.35	1	2.10	0.9	0.23	-	758.4	63.5
Joliet1/3	Joliet2	15.75	10.86	48	28,054	190,413	218,467	2.10	6	1.94	7.2	0.26	-	757.5	60.9
Joliet2	Black Road INTPS(2)	7.91	7.84	48	3,298	218,467	221,765	1.35	1	0.97	0.3	0.08	-	750.3	55.1
Black Road INTPS(2)		7.91				221,765	221,765						750.00	750.0	56.7
Black Road INTPS(2)	Shorewood1	7.91		36	18,993	221,765	240,758	6.40	4	1.73	5.7	0.30	-	750.0	56.7
Shorewood1	Minooka2	4.31	3.60	30	8,776	240,758	249,534	0.70	2	1.36	2.0	0.23	-	744.3	48.6
Minooka2	Minooka3	2.85	1.46	24	15,024	249,534	264,557	1.05	3	1.40	4.7	0.31	-	742.3	46.1
Minooka3	Minooka1	2.85	0.00	24	13,088	264,557	277,645	1.05	3	1.40	4.1	0.31	-	737.6	80.4
Minooka1	Channahon	1.65	1.20	18	6,828	277,645	284,473	1.70	2	1.44	3.2	0.46	-	733.6	57.8
Channahon		0.00	1.65			284,473							-	730.4	57.8
Totals			41.01		284,473			49.70	62.00		93.6	0.33			



Exhibit No.
4-2

Title
Hydraulic Profile:
2030 Maximum Day Demand

Client/Project
GRAND PRAIRIE WATER COMMISSION
Alternative Water Supply Program

Project Location
Will County, Cook County, Kendall County, and Grundy County (Illinois)

Legend

Hydraulic Gradeline

Ground Elevation

Min Pressure HGL (ft) @ 25psi

Max Pressure HGL (ft) @ 120 psi

Delivery Point Lateral

Pipeline Diameter (in)

16"

18"

20"

24"

30"

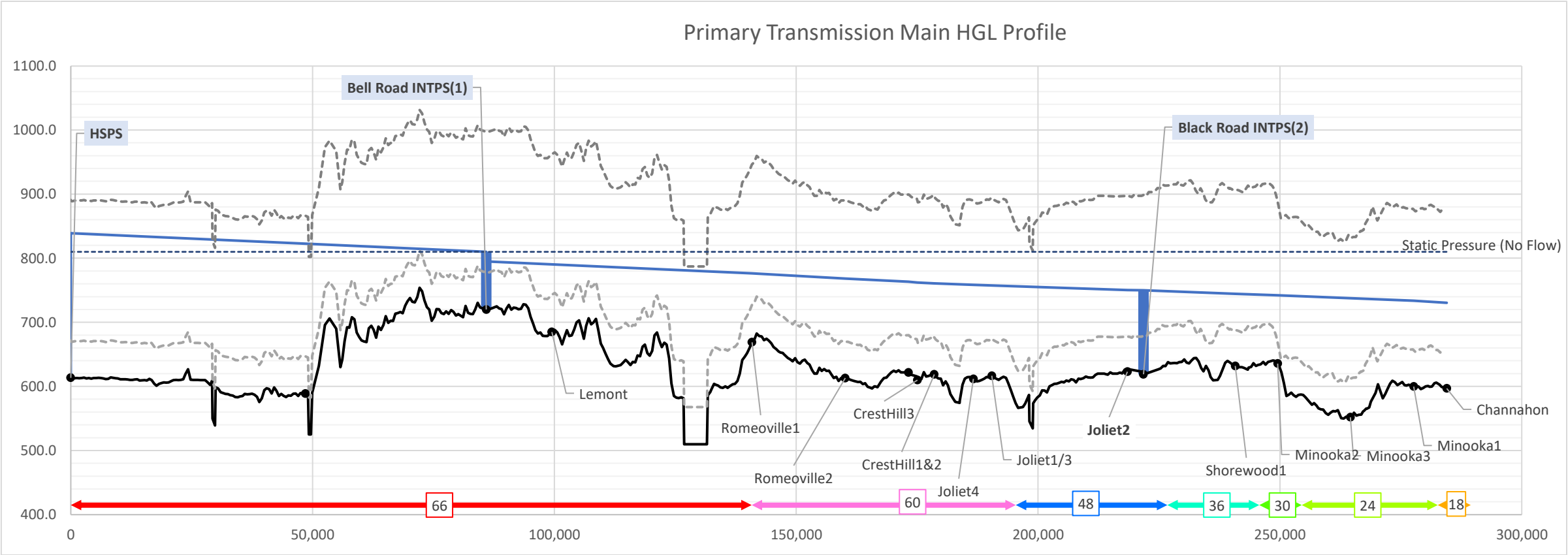
36"

42"

48"

60"

66"



PS	Standpipe HGL (ft)	Height (ft)	Active?	Flow (MGD)
HSPS	n/a	n/a	Yes	41.01
Bell Road INTPS(1)	810	90	Yes	41.01
Black Road INTPS(2)	750	131	Yes	7.91

Notes:
1. C=130 for 2050 Hydraulics



Segment Start	Segment End	Flow (MGD)	Demand at Segment Start (MGD)	Diameter (in)	Segment Length (ft)	From Station	To Station	Sum of Minor Loss Coefficients	# of Valves	Segment Velocity (ft/s)	Total Headloss (ft)	Headloss Gradient (ft/1000ft)	Standpipe Fixed HGL (ft)	Start HGL (ft)	Pressure Along Pipeline (psi)
HSPS						0							-	613.2	-0.2
HSPS	INTPS(3)	55.28		66	48,515	0	48,515	8.50	10	3.60	28.6	0.59	-	860.8	
INTPS(3)	Bell Road INTPS(1)	55.28		66	37,384	48,515	85,900	7.80	8	3.60	22.3	0.60	-	832.3	105.3
Bell Road INTPS(1)		55.28				85,900	85,900						810.00	810.0	39.0
Bell Road INTPS(1)	Romeoville1	55.28		66	54,944	85,900	140,844	8.85	11	3.60	32.2	0.59	-	832.8	48.8
Romeoville1	Romeoville2	50.49	4.79	60	19,272	140,844	160,116	1.40	4	3.98	14.7	0.76	-	800.6	57.0
Romeoville2	INTPS(4)	47.02	3.47	60	13,064	160,116	173,180	2.05	3	3.71	9.0	0.69	-	786.0	74.9
INTPS(4)	CrestHill3	47.02		60	1,872	173,180	175,052	5.35	1	3.71	2.4	1.28	-	777.0	67.1
CrestHill3	CrestHill1&2	46.60	0.42	60	3,470	175,052	178,522	0.35	1	3.67	2.3	0.67	-	774.6	71.3
CrestHill1&2	Joliet4	42.84	3.76	60	8,095	178,522	186,617	0.70	2	3.38	4.6	0.57	-	772.3	66.4
Joliet4	Joliet1/3	38.77	4.07	60	3,796	186,617	190,413	0.35	1	3.06	1.8	0.47	-	767.7	67.5
Joliet1/3	Joliet2	23.70	15.07	48	28,054	190,413	218,467	2.10	6	2.92	15.4	0.55	-	765.9	64.6
Joliet2	Black Road INTPS(2)	11.47	12.23	48	3,298	218,467	221,765	1.35	1	1.41	0.5	0.15	-	750.5	55.2
Black Road INTPS(2)		11.47				221,765	221,765						750.00	750.0	56.7
Black Road INTPS(2)	Shorewood1	11.47		36	18,993	221,765	240,758	6.40	4	2.51	11.4	0.60	-	750.3	56.9
Shorewood1	Minooka2	6.67	4.80	30	8,776	240,758	249,534	0.70	2	2.10	4.5	0.51	-	738.9	46.3
Minooka2	Minooka3	5.27	1.40	24	15,024	249,534	264,557	1.05	3	2.60	14.6	0.97	-	734.4	42.7
Minooka3	Minooka1	3.67	1.60	24	13,088	264,557	277,645	1.05	3	1.81	6.5	0.50	-	719.8	72.7
Minooka1	Channahon	2.67	1.00	18	6,828	277,645	284,473	1.70	2	2.34	7.7	1.13	-	713.3	49.1
Channahon		0.00	2.67			284,473							-	705.6	47.0
Totals			55.27		284,473			49.70	62.00		178.4	0.63			



Exhibit No.
4-3

Title
Hydraulic Profile:
2050 Maximum Day Demand

Client/Project
GRAND PRAIRIE WATER COMMISSION
Alternative Water Supply Program

Project Location
Will County, Cook County, Kendall County, and Grundy County (Illinois)

Legend

Hydraulic Gradeline

Ground Elevation

Min Pressure HGL (ft) @ 25psi

Max Pressure HGL (ft) @ 120 psi

Delivery Point Lateral

Pipeline Diameter (in)

16"

18"

20"

24"

30"

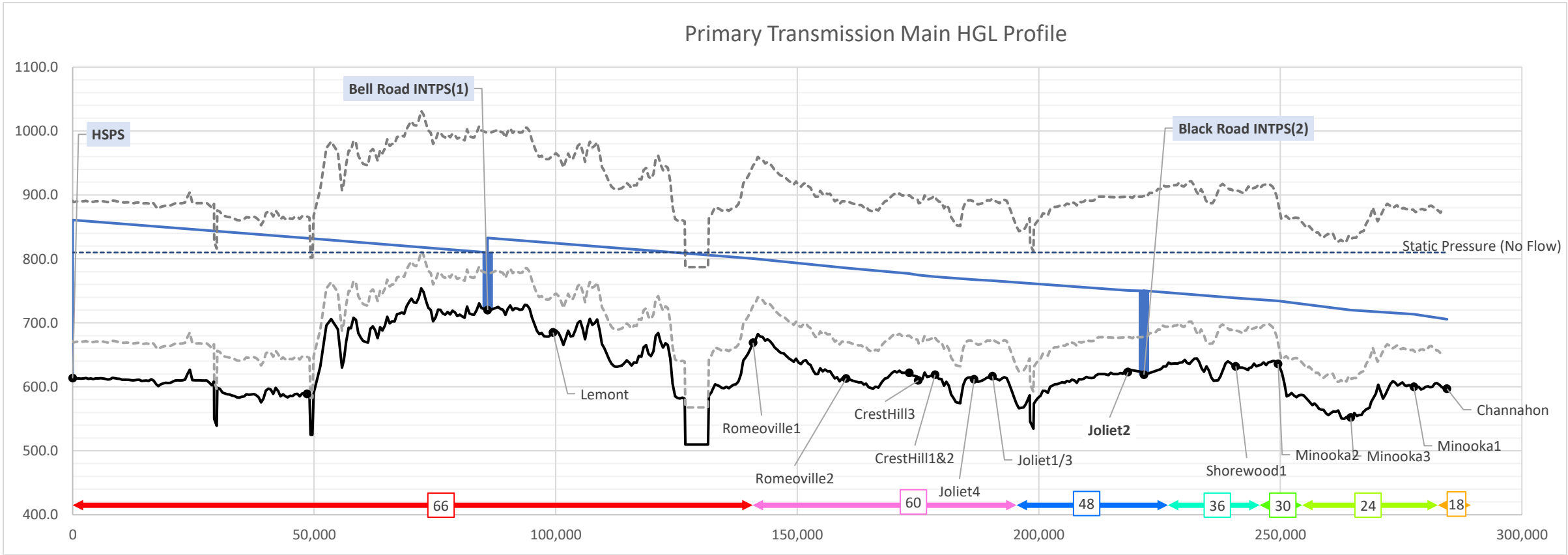
36"

42"

48"

60"

66"



PS	Standpipe HGL (ft)	Height (ft)	Active?	Flow (MGD)
HSPS	n/a	n/a	Yes	55.28
Bell Road INTPS(1)	810	90	Yes	55.28
Black Road INTPS(2)	750	131	Yes	11.47

Notes:
1. C=130 for 2050 Hydraulics



Segment Start	Segment End	Flow (MGD)	Demand at Segment Start (MGD)	Diameter (in)	Segment Length (ft)	From Station	To Station	Sum of Minor Loss Coefficients	# of Valves	Segment Velocity (ft/s)	Total Headloss (ft)	Headloss Gradient (ft/1000ft)	Standpipe Fixed HGL (ft)	Start HGL (ft)	Pressure Along Pipeline (psi)
HSPS						0							-	613.2	-0.2
HSPS	INTPS(3)	103.56		66	48,515	0	48,515	8.50	10	6.74	122.4	2.52	-	821	90.0
INTPS(3)		103.56				48,515	48,515						699.00	699	47.6
INTPS(3)	Bell Road INTPS(1)	103.56		66	37,384	48,515	85,900	7.80	8	6.74	95.3	2.55	-	905	136.9
Bell Road INTPS(1)		103.56				85,900	85,900						810.00	810	39.0
Bell Road INTPS(1)	Romeoville1	103.56		66	54,944	85,900	140,844	8.85	11	6.74	138.0	2.51	-	983	113.9
Romeoville1	Romeoville2	98.78	4.79	60	19,272	140,844	160,116	1.40	4	7.78	68.6	3.56	-	845	76.3
Romeoville2	INTPS(4)	95.31	3.47	60	13,064	160,116	173,180	2.05	3	7.51	44.6	3.41	-	777	70.8
INTPS(4)		95.31				173,180	173,180						732.00	732	47.6
INTPS(4)	CrestHill3	95.31		60	1,872	173,180	175,052	5.35	1	7.51	11.0	5.87	-	895	118.4
CrestHill3	CrestHill1&2	94.90	0.42	60	3,470	175,052	178,522	0.35	1	7.48	11.6	3.35	-	884	118.8
CrestHill1&2	Joliet4	91.13	3.76	60	8,095	178,522	186,617	0.70	2	7.18	25.0	3.09	-	873	109.9
Joliet4	Joliet1/3	84.68	6.45	60	3,796	186,617	190,413	0.35	1	6.67	10.3	2.70	-	848	102.2
Joliet1/3	Joliet2	50.56	34.12	48	28,054	190,413	218,467	2.10	6	6.23	84.9	3.03	-	838	95.6
Joliet2	Black Road INTPS(2)	23.97	26.59	48	3,298	218,467	221,765	1.35	1	2.95	2.7	0.81	-	753	56.1
Black Road INTPS(2)		23.97				221,765	221,765						750.00	750	56.7
Black Road INTPS(2)	Shorewood1	23.97		36	18,993	221,765	240,758	6.40	4	5.25	60.2	3.17	-	904	123.5
Shorewood1	Minooka2	13.57	10.40	30	8,776	240,758	249,534	0.70	2	4.28	22.7	2.58	-	844	91.9
Minooka2	Minooka3	10.29	3.29	24	15,024	249,534	264,557	1.05	3	5.07	68.5	4.56	-	822	80.4
Minooka3	Minooka1	6.53	3.76	24	13,088	264,557	277,645	1.05	3	3.22	25.7	1.97	-	753	87.0
Minooka1	Channahon	4.18	2.35	18	6,828	277,645	284,473	1.70	2	3.66	24.1	3.53	-	727	55.1
Channahon		0.00	4.18			284,473							-	703	46.0
Totals			103.56		284,473			49.70	62.00		815.3	2.87			



GRAND PRAIRIE
WATER COMMISSION

Exhibit No.
4-4

Title
Hydraulic Profile:
Buildout Maximum Day Demand

Client/Project
GRAND PRAIRIE WATER COMMISSION
Alternative Water Supply Program

Project Location
Will County, Cook County, Kendall County, and Grundy County (Illinois)

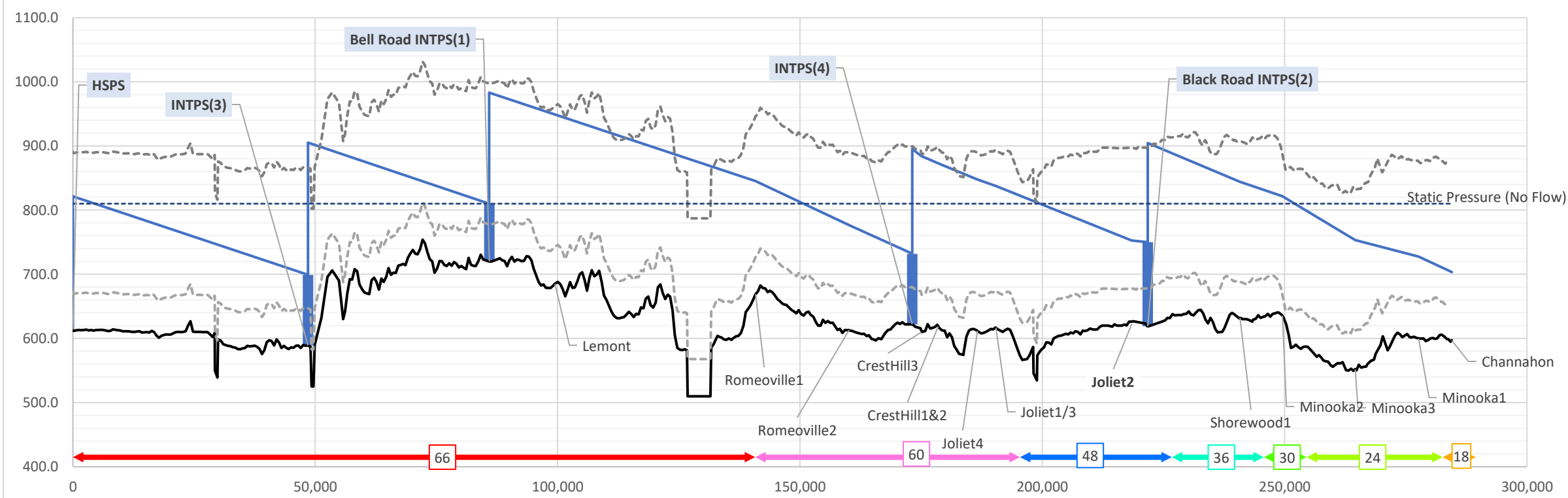
Legend

- Hydraulic Gradeline
- Ground Elevation
- Min Pressure HGL (ft) @ 25psi
- Max Pressure HGL (ft) @ 120 psi
- Delivery Point Lateral

Pipeline Diameter (in)

- 16"
- 18"
- 20"
- 24"
- 30"
- 36"
- 42"
- 48"
- 60"
- 66"

Primary Transmission Main HGL Profile



PS	Standpipe HGL (ft)	Height (ft)	Active?	Flow (MGD)
HSPS	n/a	n/a	Yes	103.56
INTPS(3)	699	110	Yes	103.56
Bell Road INTPS(1)	810	90	Yes	103.56
INTPS(4)	732	110	Yes	95.31
Black Road INTPS(2)	750	131	Yes	23.97

Notes:
1. C=110 for Build Out Hydraulics



4.4.4 Transmission Main Hydraulics: Flow up to Buildout Maximum Day Demand (Buildout Commission System Design Capacity)

For systemwide demands greater than the Initial Commission System Design Capacity, additional pumping capacity will be required to meet minimum service pressures across the overall transmission system. Exhibit 4-4 shows one possible pump station configuration for meeting the Buildout Commission System Design Capacity. Under this configuration, the High Service Pump Station plus a total of four intermediate pump stations would be used to convey water to the Water Delivery Structures along the transmission system.

- High Service Pump Station (HSPS) would continue to pump water from the GPWC Suction Well in Durkin Park through the segments of finished water transmission main between the Suction Well and the HSPS. Pumping equipment installed at the HSPS as part of initial Commission System construction would need to be replaced/upsized to support pumping at the Buildout Commission System Design Capacity. (Note that Chicago would also need to replace/upscale pumping equipment at the Low Service Pump Station (LSPS) to support pumping at the Buildout Commission System Design Capacity.)
- Intermediate Pump Station 3 (IPS3) is a future intermediate pump station not required to meet the Initial Commission System Design Capacity (2050 Maximum Day Demand). IPS3 and an adjacent storage facility (ISF3) will need to be constructed as flows and head loss in the initial segments of the finished water transmission main increase (anticipated to be after 2050). Land for IPS3/ISF3 will be acquired in the vicinity of the Cal-Sag channel crossing during implementation of the AWSP. The transmission main design will include tees, valves, and bulkheads for future connections from the transmission main to IPS3/ISF3.
- Intermediate Pump Station 1 (IPS1) will continue to boost pressures along the segments of transmission main roughly between Lemont and Crest Hill as demands increase (anticipated to be after 2050). Pumping equipment installed at IPS1 as part of initial Commission System construction would need to be modified to support pumping at the Buildout Commission System Design Capacity.
- Intermediate Pump Station 4 (IPS4) is a future pump station not required to meet the Initial Commission System Design Capacity (2050 Maximum Day Demand). IPS4 and an adjacent storage facility (ISF4) will need to be constructed as flows and head loss in the middle segments of the finished water transmission main increase (anticipated to be after 2050). Land for IPS4/ISF4 will be acquired in the vicinity of Crest Hill during initial implementation of the AWSP. The transmission main design will include tees, valves, and bulkheads for future connections from the transmission main to IPS4/ISF4.
- Intermediate Pump Station 2 (IPS2) will need to be constructed adjacent to Intermediate Storage Facility 2 (ISF2) after 2050. As demands increase after 2050,

pumping at this location will be required to maintain minimum pressures at the Water Delivery Structures downstream of the ISF2 site. The transmission main design will include tees, valves, and bulkheads for future connections from the transmission main to IPS2.

Final decisions related to the design and timing for construction of the future intermediate pump stations anticipated to be required after 2050 can be made as development within the GPWC Member communities continues and demands increase. The current design is intended to provide a suitable basis for eventual implementation of these improvements through appropriate design and sizing of the High Service Pump Station, Intermediate Pump Station 1, Intermediate Storage Facilities 1 and 2, and transmission main, along with acquisition of land for potential future facilities.

4.5 Surge Control Requirements

The hydraulic design for the GPWC system must also consider the potential impacts of pressure surges or transients associated with the pumping operations on a long water transmission main. Given the configuration of the proposed system, a sudden loss of power at the High Service Pump Station could lead to significant pressure transients, including a potentially damaging down surge. For the purpose of the current design, surge control measures are proposed to protect the integrity of the transmission main pipeline under a surge condition (loss of primary power while operating pumps to meet ICSDC). The minimum allowable transient pressure adopted for use in the sizing of surge control facilities for the GPWC system is 0 psi. While this value is significantly lower than the minimum design pressure for the system under normal operating conditions, it is still above levels that could potentially pose a threat to the integrity of certain pipeline elements.

Simulations of transient pressures within the GPWC system under the ICSDC indicate that approximately 55,000 gallons of pressurized air chamber volume or equivalent surge control method is needed at or near the High Service Pump Station discharge to protect the transmission main in the event of a power loss that results in a full trip of the operating pumps. As currently contemplated, this storage would consist of pressure vessels equipped with air compressors and connecting piping and designed to allow water to rapidly enter the transmission main in the event of a pump trip so as to mitigate the potential magnitude of the down surge caused by the sudden pump stop.

4.5.1 GPWC System Operational Approach

GPWC Members are required to take water from the Commission System at a uniform rate. This approach to system operation allows for smaller transmission main, pump station, and storage capacity to accommodate maximum day demands instead of requiring capacity to deliver peak hour demands.

The Commission System operational approach has been established based on requirements in the Chicago-Joliet Water Supply Agreement and includes the following assumptions:

- GPWC Members will communicate to the GPWC operators their daily water demand at each Water Delivery Structure each day.
- GPWC will sum the demand values provided by the Members and provide CDWM with the desired Low Service Pump Station flow each day to inform CDWM's planning for system operations.
- CDWM will operate the Low Service Pump Station based on the GPWC desired flow.
- GPWC will set target flow rates at all the Member Water Delivery Structures based on the flow amount requested.
- The High Service Pump Station will be operated by GPWC operators to maintain the level in the Suction Well located downstream of the Low Service Pump Station, effectively matching the flow being supplied by the City of Chicago. High and low level setpoints will be established for the Suction Well, and both GPWC and CDWM will be provided with automatic notifications in the event that levels vary outside of the desired range.
- GPWC will control pumps at the High Service Pump Station and IPS1 to maintain a uniform supply and meet minimum levels at the ISF1 and ISF2. Flows and upstream pressures at the Member Water Delivery Structures will be monitored along with tank levels and operating pressures along the water transmission main. Operating data will be used by GPWC operators to make decisions regarding adjustments in pump speed and operation at both the High Service Pump Station and IPS1.
- GPWC Members will be required to take water at a uniform rate (WSA Section 4.3(e)) unless there is an emergency such as fire or watermain break.
- The GPWC will operate a flow control valve at each Water Delivery Structure to control water supply to the respective Member.
- GPWC Members will be provided real-time data from the flow meter and downstream pressure transmitter at each of their Water Delivery Structures where possible (WSA Section 5.6(b)).
- GPWC Members will have responsibility for operation of their local water facilities downstream of the Point of Delivery (10-ft from first valve on the combined discharge line downstream of each Water Delivery Structure) so as to meet regulatory requirements and local expectations for pressure and flow.

4.6 Transmission Main General Design Requirements

Additional factors beyond those described in Sections 4.1 through 4.5 are also important to the overall plan, budget, and schedule for implementation of the AWSP.

4.6.1 Routing Analyses

While a general alignment for the transmission main between the Chicago Connection Facilities and the Member Water Delivery Structures was defined in Exhibit 6-1 of the 2022 Basis of Design document and served as the starting point for design efforts, additional routing analyses have been performed to refine the alignment as design has progressed. These analyses have focused on a range of issues including:

- Opportunities to reduce probable construction costs or risks to schedule
- Transmission main hydraulics and surge control
- Right-of-way availability, utility interferences and constructability concerns
- Avoidance and/or mitigation of impacts in sensitive environmental areas
- Use of permanent easements to minimize the risk of future relocation demands
- Final siting of Member Water Delivery Structures

The updated routing and budgetary costs presented in this 2024 Basis of Design reflect adjustments made based on these analyses. Additional adjustments to the alignment are likely as detail is added to the designs and reviewed with right-of-way entities; however, at this point in the Program the intent is to manage further changes to the transmission main alignment and drive progress toward the completion of design and bidding of schedule-sensitive work packages.

4.6.2 Permitting

Permitting efforts related to the completion of the AWSP will be significant. Extensive outreach to key permitting agencies has been completed and is ongoing. At the Program level, a Programmatic Environmental Assessment (PEA) Questionnaire has been completed and submitted to USEPA as part of the WIFIA loan application for GPWC construction costs, and a comprehensive *Assessment of Environmental Resources for USACE Permitting* has been completed and submitted to the U.S. Army Corps of Engineering (USACE). The environmental resources document is important in obtaining overall USACE support for the Program and confirming plans for USACE to use nationwide permits for the majority of the various waterway crossings required. Presently, individual USACE permits are anticipated to be required only for the crossings of federal waterways (Cal-Sag Channel, Sanitary and Ship Canal).

At the work package level, more than 260 permits have been identified as being required for completion of the AWSP. The largest number of these include the

nationwide permits required from the USACE, other waterway crossing or environmental permits required from the Illinois Department of Natural Resources – Office of Water Resources, and permits required from local, county, and state transportation agencies for roadway crossings. As permit requirements are defined, they are entered into the Program permitting database and schedule milestones related to permit preparation, submittal, review, and approval are established in the detailed work package schedules. Workflows are currently being established to facilitate maintenance and reporting related to the progress of permitting efforts as part of monthly work package reviews.

4.6.3 Land Acquisition

The acquisition of land rights through the purchase of property, easements, or other types of access/right-of-way agreements was recognized as an important element of the Program early in its development. Significant progress has been made toward the acquisition of land for key GPWC facilities. Easement agreements for the CIP #1 facilities have been executed with the City of Chicago and efforts related to acquisition of land for the CIP #3 IPS1/ISF1 facilities and the CIP #4 ISF2 facilities are progressing toward completion. Costs included in the Baseline Budget presented in Section 13 reflect actual/negotiated costs for land and easements already acquired or nearing final acquisition. Land acquisition costs for potential easements and other agreements along the transmission main remain early estimates but will continue to be updated as design and discussions with right-of-way entities and property owners' progress.

4.6.4 Utility Relocation

Extensive Subsurface Utility Engineering (SUE) efforts are presently in progress to obtain detailed, accurate data regarding the horizontal and vertical location of existing utilities along the alignment corridor. These data are then used by the Design Teams to attempt to minimize utility interferences and establish horizontal and vertical alignments for pipeline construction.

Despite these efforts, it is anticipated that there will be locations along the water transmission main alignment where relocation of utilities owned by other entities is required to allow for construction of the proposed large diameter pipe. As of the date of this 2024 Basis of Design, the number and type of existing utilities along the proposed route are continuing to be determined. As such, the scope for relocation of utilities owned by other entities as part of the Program remains undefined. Based on initial assessments, an allowance of \$15 million has been included in the GPWC budget for utility relocations by others. In the Baseline Budget presented in Section 13, this allowance is distributed across the CIP #2 and CIP #6 conveyance work packages.

5 Chicago Connection Facilities (CIP #1) Basis of Design

5.1 Function

New infrastructure is required to establish a connection between the existing City of Chicago water system and the proposed GPWC finished water transmission main. This infrastructure, referred to collectively as Capital Improvement Project #1, CIP #1, or the Chicago Connection Facilities, will be constructed on land adjacent to the City of Chicago's Southwest Pumping Station and west of the pumping station site in Durkin Park. The Chicago Connection Facilities will enable the GPWC to draw water from Chicago's South Tunnel system and pump it through the new transmission main to the Member Water Delivery Structures.

5.2 Components

The Chicago Connection Facilities will be constructed adjacent to the City of Chicago's existing Southwest Pumping Station located near the intersection of 84th Street and Kedvale Avenue. Specific components that make up the Chicago Connection Facilities are listed in Table 5-1. Exhibit 5-1 shows a conceptual layout of the proposed CIP #1 Chicago Connection Facilities.

Joliet has secured permanent easements from the City of Chicago for the Meter Vault, Suction Well, and High Service Pump Station to be owned and operated by the GPWC. Joliet has also secured temporary easements from the City of Chicago and the Chicago Park District for use during construction of the Chicago Connection Facilities. These temporary and permanent easements are detailed in: "Easement Agreement for Two (2) Permanent Easements and Seven (7) Temporary Easements at the City of Chicago Southwest Pumping Station Property" dated July 31, 2023, and "Easement Agreement for Durkin Park" and the "Agreement for Construction Easements for Durkin Park" dated July 31, 2023. All easements will be assigned to the GPWC upon its formation.

Joliet, on behalf of GPWC, has also paid \$1.75 million to the Chicago Park District to compensate for the disruption of Chicago's residents' use of Durkin Park due to the proposed construction. This payment will be used by the Chicago Park District to construct improvements at other Park District locations in the area. This amount, along with the amount of payments made for acquisition of temporary and permanent easements for CIP #1 will be included in the Advanced Development Costs paid by Joliet.

Table 5-1 Chicago Connection Facilities (Capital Improvement Project #1)

Component	Description	Responsibility
Tunnel Connection	New connection between existing tunnel shaft north of the existing Southwest Pumping Station and the new Tunnel Extension	<ul style="list-style-type: none"> Design, Construction, Ownership, Financing, Operation by CDWM
Tunnel Extension	New Tunnel Extension from the Tunnel Connection to the new Low Service Pump Station	<ul style="list-style-type: none"> Design*, Construction by GPWC** Ownership, Financing, Operation by CDWM
Low Service Pump Station	Pump station to lift water from the new Tunnel Extension to the Suction Well Reservoir	<ul style="list-style-type: none"> Design*, Construction by GPWC** Ownership, Financing, Operation by CDWM
Chicago Service Valve	A new valve outside and downstream of the Low Service Pump Station, which will serve as the point of demarcation between CDWM-owned and GPWC-owned facilities	<ul style="list-style-type: none"> Design*, Construction by GPWC** Ownership, Financing, Operation by CDWM
Meter Vault	Meter facilities for measuring water pumped by the Low Service Pump Station to GPWC	<ul style="list-style-type: none"> Design*, Construction, Ownership, Financing, Operation by GPWC**
Suction Well	Suction Well Reservoir to provide storage to support pump operations	<ul style="list-style-type: none"> Design*, Construction, Ownership, Financing, Operation by GPWC**
High Service Pump Station	Pump station to convey water from the Suction Well into transmission system for delivery to GPWC	<ul style="list-style-type: none"> Design*, Construction, Ownership, Financing, Operation by GPWC**

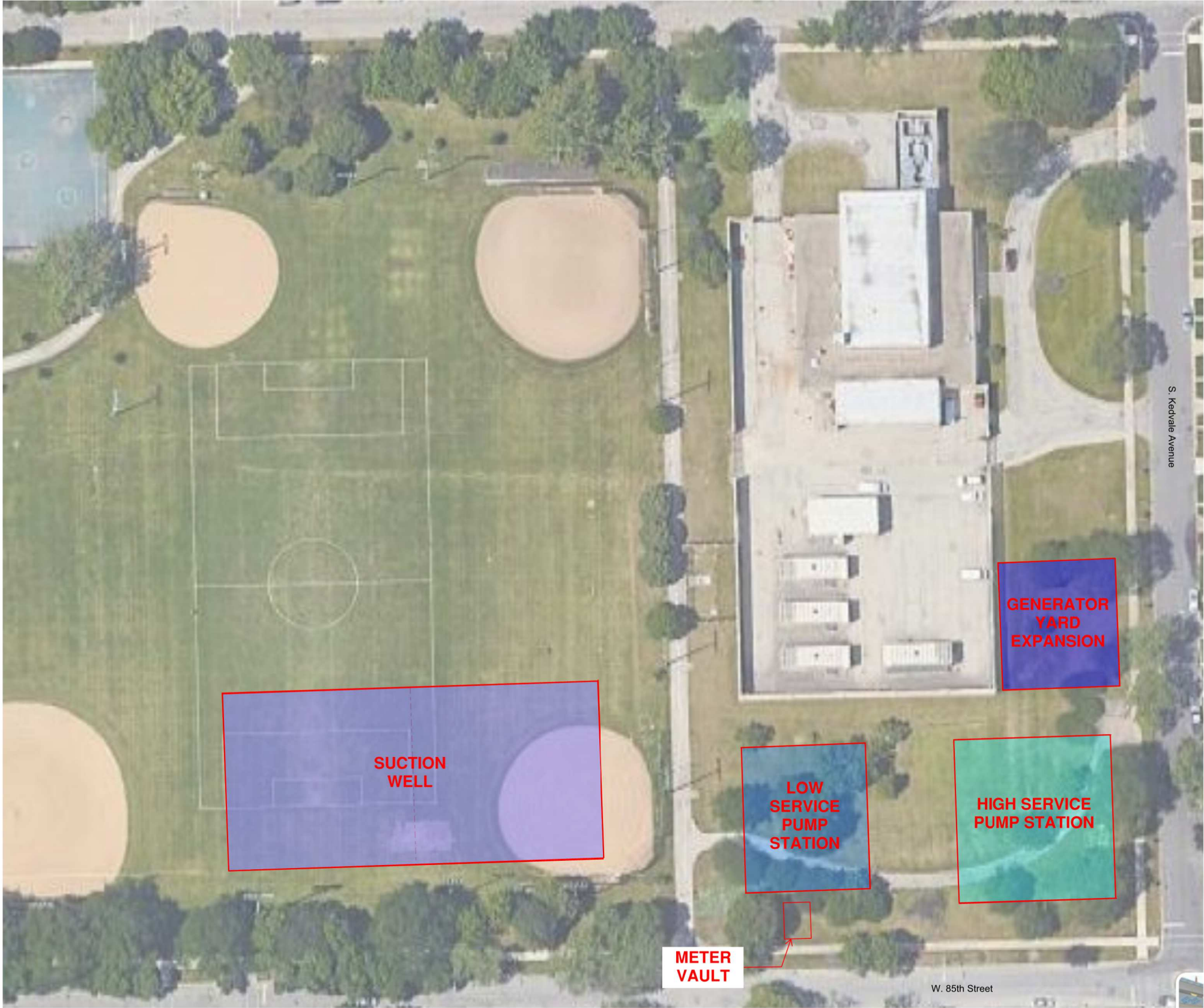
* As Program Manager Joliet shall provide, perform and complete design, permitting and land acquisition, procurement, construction management, and start-up and commissioning for specified facilities.

**GPWC will hold the construction contract for the specified facilities.

Key:

CDWM = Chicago Department of Water Management

GPWC = Grand Prairie Water Commission



Title
Exhibit 5-1
Conceptual Layout Chicago Connections Facilities

Client/Project GPWC
Alternative Water Source Program

Project Location
Will, Cook, Kendall, and Grundy Counties

5.3 Design Flow and Capacity

The proposed Chicago Connection Facilities will be designed, constructed, and equipped to supply the Initial Commission System Design Capacity (ICSDC) for the GPWC Members. Consideration will be given during the design process to provisions for upgrade of the facilities to meet the Buildout Commission System Design Capacity (BCSDC). However, as space available for future construction adjacent to Chicago's Southwest Pumping Station is limited, it is anticipated that capacity increases for the LSPS and HSPS will be achieved through replacement of the existing pumps versus an expansion of the pump stations with the addition of pumps. Consideration for sizing of the component of the facilities has taken into account the life of the asset. For the initial Commission System construction, the components of the facilities will be sized as noted below.

- AWSP-01-01 Tunnel Extension
 - Tunnel Design Flow BCSDC
- AWSP-01-02 Suction Well
 - Yard Piping Design Flow: BCSDC
 - Suction Well Overflow: BCSDC
- AWSP-01-03 Low and High Service Pump Stations
 - Pump Station Structure: BCSDC
 - Pumps, Process/Mechanical Equip.: ICSDC
 - Yard Piping Design Flow: BCSDC

5.4 Operation (Normal / Emergency)

5.4.1 Normal Operation

A detailed description of normal operation of the Commission system has been included in Section 4. Highlights that include operation of the facilities at the Chicago Connection Facilities are noted below.

- GPWC will sum the demand values provided by the Members for at each Water Delivery Structure and provide CDWM with the desired Low Service Pump Station flow each day.
- CDWM will operate the Low Service Pump Station based on the GPWC desired flow.
- The High Service Pump Station will be operated by GPWC operators to maintain the level in the Suction Well located downstream of the Low Service Pump Station, effectively matching the flow being supplied by the City of Chicago. High and low level setpoints will be established for the Suction Well, and both GPWC and CDWM will be provided with automatic notifications in the event that levels vary outside of the desired range.

- GPWC will control pumps at the High Service Pump Station and IPS1 to maintain a uniform supply and meet minimum levels at the ISF1 and ISF2. Flows and upstream pressures at the Member Water Delivery Structures will be monitored along with tank levels and operating pressures along the water transmission main. Operating data will be used by GPWC operators to make decisions regarding adjustments in pump speed and operation at both the High Service Pump Station and IPS1.

5.4.2 Emergency Operation

The need for operation of the Chicago Connection Facilities under emergency conditions could stem from one of several potential scenarios:

- Restriction or curtailment of supply in the Chicago South Tunnel system at the Tunnel Connection
- Loss of power to either the Low Service or High Service Pump Station

In the event of insufficient supply in the Chicago South Tunnel system at the Tunnel Connection, a reduction in flow or shut down of both the Low Service Pump Station and the High Service Pump Station could be required. The Suction Well has been sized to provide adequate water volume to support the orderly shut-down of either or both pump stations under these conditions. In the event of a curtailment, each Member will be entitled to receive its pro-rata share of the water available as described in the Water Supply Agreement.

Both the Low Service and High Service Pump Stations are designed with dual electrical power feeds and standby generators (including automatic transfer switches) to limit the risk of a loss of power and resulting station shutdown. The standby generators for each pump station are sized to support continued operation of the facilities for design conditions up to the 2050 Average Day Demand. Should operation of one or both of the pump stations using the generators be required, the GPWC operator would notify the Member communities and, if necessary, each Member will be entitled to receive its pro-rata share of the water available until normal operations at the facilities were restored.

If the High Service Pump Station experiences a loss of power and the Low Service Pump Station continues to operate, overflow ports have been included in the design of the Suction Well. The following considerations have been made and coordinated with CDWM:

1. Provide systems and controls to minimize the likelihood of any overflow from the Suction Well,
2. Provide systems and controls to minimize the volume of water that would be associated with an overflow event, and

3. Provide for the management of water from an overflow in a manner that manages the risk of impacts to adjacent properties.

In the unlikely event of a full shut-down of either the Low Service Pump Station or the High Service Pump Station, supply from the GPWC system to the Member Water Delivery Structures would be curtailed and Members would be required to rely on the storage in their own distribution systems or their alternative source of supply.

5.5 Design Criteria

Design principles for the Chicago Connection Facility are described below. These principles reflect design criteria contained in the [2020 Basis of Design Report](#), updated during the course of preliminary design efforts, and submitted to, reviewed by, and approved by the City of Chicago in a 10% Basis of Design document. While these principles will govern the overall design efforts, certain design details and preferences for components that will be owned by Chicago (Tunnel Extension, Low Service Pump Station, Service Valve) are still being defined and negotiated and may change as design efforts progress. To date, Chicago Department of Water Management has reviewed and signed off on 90% design documents for the AWSP-01-01 Tunnel Extension and 60% design documents for Low Service Pump Station portion of AWSP-01-03.

5.5.1 Tunnel Connection

A new connection to Chicago's South Tunnel System must be constructed to create a supply point for the GPWC. The connection is anticipated to be made to an existing shaft near the north end of the Southwest Pumping Station as shown in Exhibit 5-1. Due to the configuration of the tunnel supply to the pump station, this connection will have to be made while the existing tunnel shaft remains in service.

Given the sensitive nature of this construction relative to operation of the Chicago South Tunnel System and the Southwest Pumping Station, Chicago will design and construct the new Tunnel Connection. Detailed design criteria for the Tunnel Connection will be developed by Chicago's design consultant. The AWSP design team has communicated with Chicago's consultant throughout the design process to coordinate design for the Tunnel Connection and Tunnel Extension. The Tunnel Connection consultant has recommended an 8-foot diameter Tunnel Connection (versus 10-foot diameter as compared to the Tunnel Extension) and the AWSP design team has reviewed hydraulics and determined that this smaller diameter does not have a significant impact on the head loss of these improvements. The Tunnel Connection being designed by Chicago's consultant will include a sluice gate to provide for isolation between Chicago's South Tunnel system and the facilities being constructed to serve the GPWC.

5.5.2 Tunnel Extension

A segment of new water tunnel will be required to convey flow from the new Tunnel Connection to the proposed Low Service Pump Station south of Chicago's Southwest

Pumping Station. The tunnel will be approximately 510 feet long with a 10-foot finished diameter to convey the Buildout Commission System Design Capacity flow from the new Tunnel Connection to the new Low Service Pump Station. Based on available data, the tunnel will be constructed in rock at a depth of approximately 110 feet below grade.

Two shafts (one permanent shaft at the north end of the site and one at the south end of the site to facilitate construction) will be required along the Tunnel Extension to allow for changes in alignment and support construction and finished access to Southwest Pumping Station.

Upon completion of construction and start-up/ commissioning, the Tunnel Extension will be transferred to CDWM prior to commencement of initial water delivery and normal operations.

5.5.3 Low Service Pumping Station, Chicago Service Valve and Meter Vault

Vertical pump shafts will be constructed to connect the Tunnel Extension to the proposed Low Service Pump Station. Vertical turbine pumps will be installed in the shafts to lift the water from the tunnel and convey it to the Suction Well to be constructed in Durkin Park, west of the existing Southwest Pumping Station site. The Low Service Pump Station will be designed for unstaffed operation.

Flow from the Low Service Pump Station to the Suction Well will pass through the Chicago Service Valve that will serve as the point of demarcation between Chicago-owned and GPWC-owned facilities. The rate and volume of water purchased from Chicago by the GPWC will be measured in a Meter Vault located downstream of the Chicago Service Valve and upstream of the Suction Well. The Meter Vault will be a below grade concrete vault housing magnetic flow meters owned and maintained by the GPWC. The vault will include parallel piping with a meter and isolation valves on each segment to allow for full flow through a single line while the other line is out of service for maintenance. Data from the Meter Vault will be viewable by both GPWC and Chicago.

Upon completion of construction and start-up/ commissioning, the Low Service Pump Station and Chicago Service Valve will be transferred to CDWM prior to commencement of initial water delivery and normal operations pursuant to the Chicago WSA.

Key criteria that will serve as the basis for final design of the Low Service Pump Station are summarized in Table 5-4. Final design details may be adjusted as design proceeds based on Chicago preferences, building code requirements, and site zoning constraints.

Table 5-2 Key Design Criteria: Low Service Pump Station

Design Parameter	Design Parameter Value
Design Capacity (MGD)	55.27 (Initial Commission System Design Capacity)
Design Head (feet)	59 feet
Pump Type	Vertical Turbine
Motor Control	Variable Frequency Drive
No. of Pumps, Pump Redundancy	4, N+1
Pump Capacity (MGD)	18.42**
Flow Metering – Individual Pump Discharge	Venturi flow meter
Flow Metering	Magnetic flow meter (2 parallel meters located in Meter Vault outside of Pump Station)
Piping and Valve Velocity (ft/s)	5 to 8
Pump Removal Method	Overhead Gantry Crane and Hoist System
Electrical Equipment	4160V (to be verified upon final pump / motor selections)
Primary Power Supply	Two new electrical service feeds (300 Amp, 12.47kV, 3 Phase, 3 Wire)
Backup Power	Generators w/ Automatic Transfer Switch sized for 2050 Average Day Demand
SCADA Architecture	PLC-based control w/ gigabit fiber optic ethernet network
SCADA Local Interface	Yes
Chicago Security Requirements	Real-time video surveillance and access control w/ local server
Restroom	Gender-neutral with toilet and sink
Building Materials	
Foundation	Cast-in-place Reinforced Concrete
Exterior Walls	CMU Block w/ Masonry Brick
Interior Walls	CMU Block
Roof System	Bar Joist with Metal Deck
Interior Ceilings – General	Exposed Roofing System
Interior Ceilings – SCADA Room	Suspended Tile

Notes:

* Pump station structure and yard piping will be sized to accommodate Buildout Commission System Design Capacity.

** May be adjusted based on final pump selection.

Key:

CMU = Concrete Masonry Unit

ft/s = feet per second

MGD = million gallons per day

SCADA = Supervisory Control and Data Acquisition

5.5.4 Suction Well

Flow from the Low Service Pump Station will discharge through an air gap downstream of the Meter Vault and into the Suction Well to be constructed within Durkin Park immediately west of the Southwest Pump Station site. The City of Chicago and Chicago Park District have provided GPWC with temporary and permanent easements within Durkin Park for construction, operation, and maintenance of the Suction Well. The permanent easement for the Suction Well includes provisions for continued use of the land area over the Suction Well by the Chicago Park District through a lease between Chicago and Chicago Park District.

The Suction Well is intended to provide 4 MG capacity to support flexible pump operations and controlled shut down of either the High Service or Low Service Pump Stations. The Suction Well is not intended to provide emergency storage capacity to sustain High Service Pump Station operations in the event of an extended CDWM supply outage. Storage to provide supplemental supply capacity for the GPWC during an extended CDWM outage is within the GPWC Members' distribution systems.

Suction Well storage volume will be provided in a partially below-grade, two-cell structure constructed of cast-in-place, reinforced concrete. A dividing wall between the cells will allow one of the cells to be taken off-line for maintenance without impacting operation of the other cell. The maximum water depth for the suction well is 20 feet. Note that a design exception waiver for the Suction Well was obtained from IEPA to allow for deviation from various Title 35 IL Administrative Code requirements including the requirement to have 50% of the storage volume above ground.

In the event that one cell is to be taken offline and the groundwater level must be lowered, underdrains will be constructed at the base of the foundation for the Suction Well and drain to a submersible pump station which will then discharge the underdrain water to the existing sewer manhole in 85th Street. The underdrain piping and submersible pump station will be owned, operated and maintained by GPWC.

Due to the need for a positive overflow and the Chicago Park District's desire to allow for continued use of the park, the Suction Well will extend above grade approximately six (6) feet. Fill will be placed on top of the structure to allow for grass covering. The top slab of the Suction Well will be sloped to drain stormwater runoff to the perimeter, away from the Suction Well. An underground stormwater detention system, to be owned and operated by CDWM, will be included to capture storm runoff and divert it to the storm sewer on West 85th Street. Grading around the remaining three wall faces will facilitate a gradual slope from the top of the structure back to existing grade. The storm sewer piping and structures in the temporary and permanent easements around the Suction Well will be constructed by GPWC and owned, operated and maintained by the Park District.

A gradual pathway will be provided on eastern side to allow access to the top of suction well from South Keeler Avenue. The south wall of the Suction Well will remain

exposed to allow for overflow weirs from each cell to discharge freely through the southern wall. At this stage in design, GPWC team is coordinating with CDWM to explore grading plans to initially promote flow west in the park in the event of an overflow.

5.5.5 High Service Pump Station

A new High Service Pump Station will be constructed just south of Chicago's Southwest Pumping Station to pump water from the Suction Well to the GPWC Members. Site piping will convey water from the Suction Well to a wet well beneath the High Service Pump Station. Vertical turbine pumps will draw water from the wet well and discharge it to the GPWC transmission main. The High Service Pump Station will be designed for unstaffed operation.

Bypass piping (with an air gap) from the Meter Vault to the HSPS will be provided so the station could be operated with the Suction Well out of service.

A water quality monitoring panel will be installed in the High Service Pump Station to monitor water quality characteristics of the treated water supplied to the GPWC by the City of Chicago. The panel will be fed by a water sample tap located in the meter vault downstream of the Chicago Service Valve.

As discussed in Section 4.3.2, surge control measures including 55,000 gallons of compressed air surge tank volume will be installed at the High Service Pump Station to mitigate pressure transients that could result from a sudden loss of power and shut down of the high service pumps.

An alternate control interface (SCADA workstation) will be provided at the High Service Pump Station so that a GPWC operator could operate the entire system from that location if desired or necessary.

An underground stormwater detention system, to be owned and operated by CDWM, will be included to capture storm runoff from the SWPS site and divert it to the storm sewer on West 85th Street.

Key criteria anticipated to be the basis for final design of the High Service Pump Station are summarized in Table 5-3. Final design details may be adjusted as design proceeds based on Chicago building code requirements and site zoning constraints.

Table 5-3 Key Design Criteria: High Service Pump Station

Design Parameter	Design Parameter Value
Design Capacity (MGD)	55.27 (Initial Commission System Design Capacity) *
Design Head (feet)	262
Pump Type	Vertical Turbine
Motor Control	Variable Frequency Drive
No. of Pumps, Pump Redundancy	6, N+1
Pump Capacity (MGD)	11.05**
Flow Metering	Magnetic flow meter
Piping and Valve Velocity (fps)	5-8
Pump Removal Method	Removable Skylights/Outside Crane
Surge Control Design Condition	Power loss at 2050 Maximum Day Flow
Surge Control System	Compressed Air Surge Tanks (To be sized based on final hydraulics)
Electrical Equipment	4160 V
Primary Power Supply	Two 600 Amp, 12.47kV, 3-Phase, 3 Wire underground metered services
Backup Power	Generators w/ Automatic Transfer Switch sized for 2050 Average Day Demand
SCADA Architecture (for Commission)	PLC-based control w/ gigabit fiber optic ethernet network
SCADA Local Interface	Yes, with Alternate Control Interface
Chicago Security Provisions	Real-time video surveillance, access control w/ local server
Restroom	Gender-neutral with toilet and sink
Building Materials	
Foundation	Cast-in-place Concrete
Exterior Walls	CMU Block w/ Masonry Brick
Interior Walls	CMU Block
Roof System	Bar Joist with Metal Deck
Interior Ceilings – General	Exposed Roofing System
Interior Ceilings – SCADA Room	Suspended Tile

Notes:

* Pump station structure and yard piping will be sized to accommodate Buildout Commission System Design Capacity.

** May be adjusted based on final pump selection.

Key:

ATS = Automatic Transfer Switch

CMU = Concrete Masonry Unit

MGD = million gallons per day

PLC = programmable logic controller

SCADA = Supervisory Control and Data Acquisition

5.6 CIP #1 Delivery Strategy

The CIP #1 improvements are currently planned for implementation through a Construction Manager at-Risk (CMAR) delivery model to allow for early involvement of the construction contractor in the planning and coordination of work at the site. A CMAR contractor was selected by the GPWC based upon a competitive, two-phase procurement process requiring separate submittals of the firm's qualifications and price proposal. Joliet entered into a Pre-construction Services Contract with the CMAR and issued a notice-to-proceed with preconstruction services in late 2023.

The goal of the CMAR process is to leverage coordination between the Program Team and the CMAR ahead of the start of construction so as to provide for an efficient overall strategy for completion of the work for a defined price and for management of construction impacts on the surrounding neighborhood. A draft guaranteed maximum price (GMP) for the tunnel extension and suction well portions of CIP #1 is scheduled to be submitted by the CMAR in mid-June. Following evaluation of the draft GMP, the Program Team will either proceed with negotiations of a final GMP and authorization of construction services or end the CMAR process and move to implement the CIP #1 work through a traditional design-bid-build approach.

The Baseline Budget (2.0) for the proposed CIP #1 improvements is summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

6 Transmission Main (CIP #2, #6, #7) Basis of Design

6.1 Function

Water transmission main is required to establish a connection between the proposed Chicago Connection Facilities and GPWC Member Water Delivery Structures. At its northeastern end, the transmission main will be supplied with water from the Chicago Connection Facilities High Service Pump Station constructed adjacent to Chicago's existing Southwest Pumping Station near the intersection of 84th Street and Kedvale Avenue. Details of the Chicago Connection Facilities are described in Section 5.

As shown in Exhibit 6-1, the GPWC transmission system is currently estimated to include a total of approximately 62 miles of pipeline (37 miles of 60-inch and 66-inch diameter main and 25 miles of additional smaller diameter transmission main extending to the Water Delivery Structures for all of the GPWC Members). Details of the transmission main alignment may change as design coordination progresses, but preliminary design drawings have been developed based on the current alignment. For design purposes, 36 miles of the 60- and 66-inch diameter pipe are included under six CIP #2 work packages, approximately 1 mile of additional 66-inch diameter pipe is included in the two tunnel crossing work packages that make up CIP #7, and the remaining 25 miles of smaller diameter piping (48-inch diameter and smaller) are included in five CIP #6 work packages.

6.2 Components

GPWC Transmission Main components are listed in Table 6-1. Transmission main includes a 66-inch-diameter pipeline between the Chicago Connection Facilities and the branch to the first Romeoville Water Delivery Structure. Transmission main beyond this point will include additional 66-inch and 60-inch diameter transmission main as well as smaller diameter transmission main.

Initial planning for the proposed GPWC transmission main improvements assumed that construction of the proposed water transmission main in public rights-of-way would reduce the need for acquisition of permanent easements from private property owners, reducing costs and schedule. While managing the number of easements required remains a goal for the Program, additional design and right-of-way coordination efforts have determined that alternative alignments may be warranted in areas where space is readily available outside of existing public right-of-way or in areas where issues such as extensive utility conflicts, planned roadway widening, constructability issues, pavement restoration costs, or risks related to potential future demands for transmission main relocation are of concern. Options for final pipeline alignments are being evaluated across all work packages as 60% design efforts continue. Where acquisition of a reasonable number of easements is found to be feasible and result in potential cost savings and/or reduction in the risk of future relocation demands, plans for construction of transmission main in easements will be pursued.

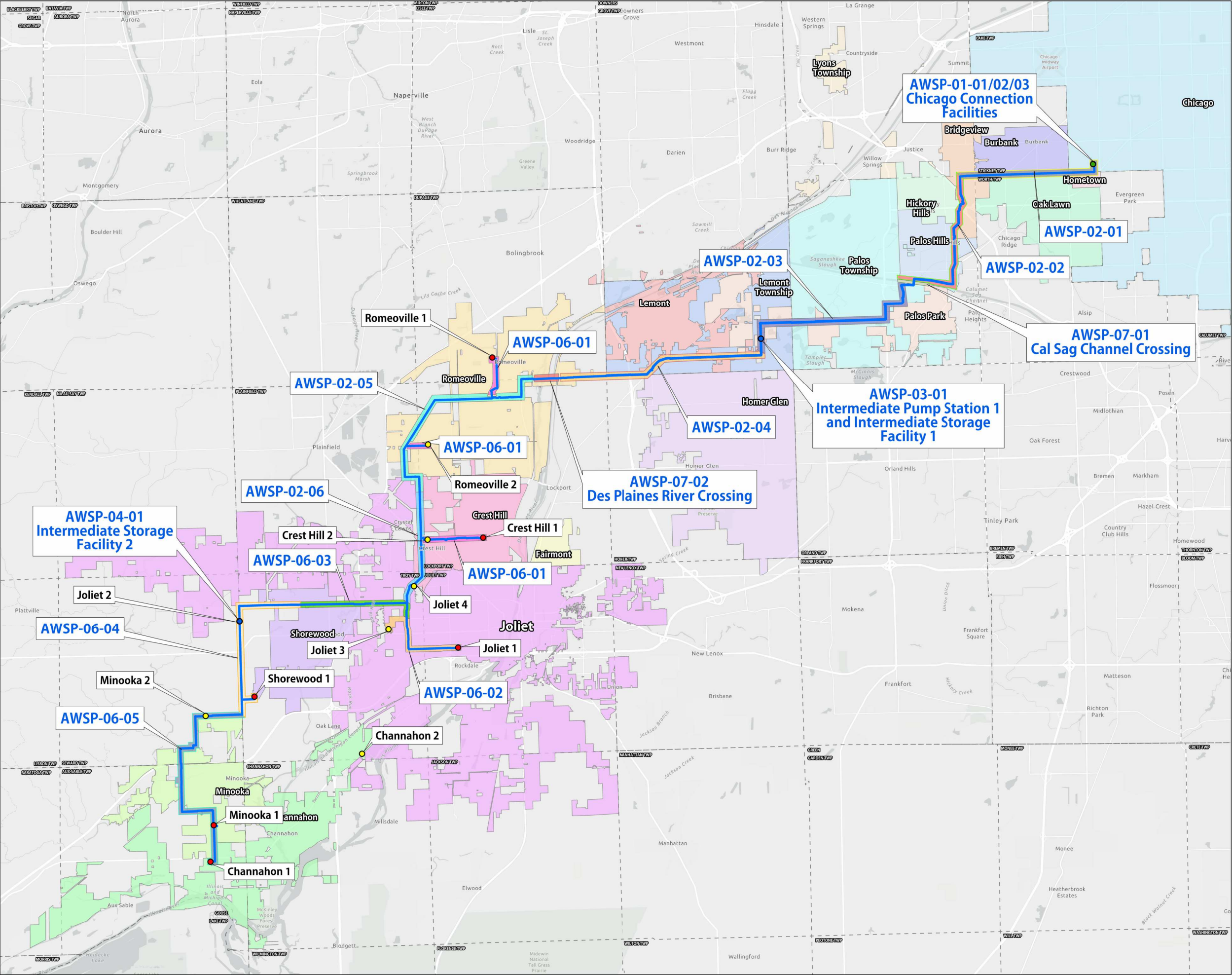
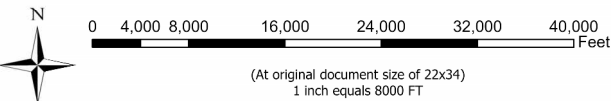


Exhibit No.
6-1
Title

GPWC Regional Water Transmission System

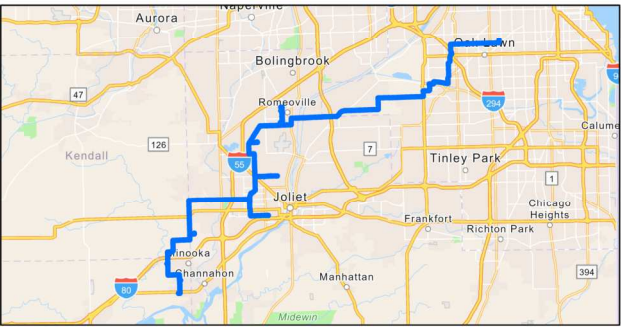
Client/Project **GPWC**
Alternative Water Source Program

Project Location
Will, Cook, Kendall, and Grundy Counties



Legend

- | | |
|-------------------------|--|
| — Transmission Main | Work Package ID - Construction Contracts |
| ● Chicago Connection | AWSP-02-01 |
| ● Primary | AWSP-02-02 |
| ● Non-Primary | AWSP-02-03 |
| ● Intermediate Location | AWSP-02-04 |
| Member Community | AWSP-02-05 |
| Channahon | AWSP-02-06 |
| Crest Hill | AWSP-06-01 |
| Joliet | AWSP-06-02 |
| Minooka | AWSP-06-03 |
| Romeoville | AWSP-06-04 |
| Shorewood | AWSP-06-05 |
| | AWSP-07-01 |
| | AWSP-07-02 |



Location Map: Not to Scale

Notes
1. Coordinate System: NAD 1983 State Plane Illinois East
2. Data Sources: WILL CO., COOK CO., IDOT, DOWNLOADED FROM WEB
3. Background: County of Will, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, FAO
4. Location for facilities are conceptual and do not indicate final locations for the proposed infrastructure. Final siting and routing analyses are ongoing as part of the engineering design process.

Table 6-1 Transmission Main Components

Component	Description
Transmission Main	Pipeline to convey finished water. Possible materials for 66-inch diameter transmission main include prestressed concrete cylinder pipe (PCCP) and steel. Ductile iron pipe will be considered for smaller diameter pipe as conditions warrant.
Isolation Valves	Butterfly valves to isolate sections of the transmission main for maintenance and repair. Direct bury w/ structures for access to valve operators
Air Release Valves	Valves to release trapped air, primarily at high points or long vertical runs of pipe. Valves to be installed in pre-cast structures
Access Ports	Hatches to allow access to pipe for maintenance. Structures will be required to house the access ports.
Blow Off/Flushing Valves	Valves provided at low points to flush debris from transmission main. Blow-off valves will be installed in pre-cast structures to allow for operation of the valve and access to the drain connection.
Thrust Restraint	Restrained joint pipe will be used as the primary means for managing thrust forces on the pipeline. Structural provisions for exterior thrust restraint will be considered where necessary.
Conduit, Handholes, Manholes for Fiber Optic Cable	Conduit for installation of fiber optic cable for the GPWC SCADA and Communications infrastructure will be installed as part of transmission main construction between the Chicago Connection Facilities and ISF2. The fiber optic cable will be installed in the conduit separately under Work Package AWSP-05-01.

The final transmission main installation will require a mix of open cut and trenchless construction methods. Open cut construction, with a minimum bury depth of 5 feet, (unless site conditions and permitting allow for a shallower bury depth) is expected to be the predominant method of pipeline installation, but trenchless installation will be required at a number of locations including railroads, waterways, major county or state routes, high traffic intersections, and complex crossings. The design teams are coordinating with various right-of-way and permitting agencies to obtain concurrence on the most appropriate and cost-effective means for pipeline construction at these locations.

Particularly complex crossings along the proposed alignment are anticipated to include:

- Tri-State Tollway (I-294) Crossing
- Cal-Sag Channel Crossing
- Veterans Memorial Tollway (I-355) Crossing
- Des Plaines River/Sanitary and Ship Canal/I&M Canal Crossing
- I-55/DuPage River Crossing
- I-80 Crossing

Conduit, handholes, and manholes for later installation of fiber optic cable along the transmission main route under work package AWSP-05-01 will be installed in conjunction with construction of the transmission main segments between the High Service Pump Station and ISF2. The design team is continuing to evaluate the relative costs and benefits of PVC conduit and lower cost HDPE coiled non-metallic conduit (CNC) for carrying the fiber. While CNC material costs are lower than those for PVC, contractors have expressed some concern regarding the effort that may be required to install a material rolled off a spool into open trench. A final decision regarding the type of conduit to be specified will be made based on analysis conducted in conjunction with detailed design of the transmission main and associated conduit.

Access handholes/manholes for the fiber optic cable will be provided at about 1,000-foot intervals along the cable route, at major road crossings, and at each end of the tunnel crossings of the Calumet Sag Channel or the Des Plaines River/Chicago Sanitary and Ship Canal. Where transmission main is being installed using trenchless methods, it is anticipated that a primary conduit as well as at least one spare conduit will be installed with the pipeline inside the tunnel or trenchless casing.

The Baseline Budget (2.0) costs for the proposed CIP #2, #6, and #7 conveyance improvements are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

6.3 Design Flow and Capacity

As noted previously, the Chicago-Joliet Water Supply Agreement requires that the GPWC take water at a uniform rate during each day. Members will be responsible for accommodating normal diurnal variations in demand through the use of their own storage and pumping facilities. The GPWC transmission system has minimal operational storage and is not sized to deliver peak flows to the Members.

While the design capacity for pumping and storage facilities in the GPWC system will be the Initial Commission System Design Capacity (ICSDC); the transmission main infrastructure will be designed with adaptive management to supply demands for the next 100 years, up to the Buildout Commission System Design Capacity (BCSDC).

Table 6-2 lists the design flow and pipe diameter for each segment of the proposed transmission main system.

Table 6-2 AWSP Transmission Main Length by Work Package

Work Package	Transmission Main Length: Main Line (Miles)	Transmission Main Length: Member Connections (Miles)	Estimated Buildout Commission System Design Capacity (MGD)	Transmission Main Diameter
AWSP 02-01 – FWTM ¹ – Segment A	4.5		103.56	66-inch
AWSP 02-02 – FWTM – Segment B	5.0		103.56	66-inch
AWSP-07-01 – Cal-Sag Crossing	0.1		103.56	66-inch
AWSP 02-03 – FWTM – Segment C	6.8		103.56	66-inch
AWSP 02-04 – FWTM – Segment D	6.8		103.56	66-inch
AWSP-07-02 – Des Plaines River Crossing	0.9		103.56	66-inch
AWSP 02-05 – FWTM Segment E				
Upstream of Romeoville Primary	2.0		103.56	66-inch
Romeoville Primary to Romeoville Secondary	3.6		98.8	60-inch
Downstream of Romeoville Secondary	1.9		95.3	60-inch
AWSP 02-06 – FWTM – Segment F				
Upstream of Future Crest Hill	2.4		95.3	60-inch
Future Crest Hill to Crest Hill Primary/Secondary	0.7		94.9	60-inch
Crest Hill Primary/Secondary to Joliet Quaternary	1.6		91.1	60-inch
Downstream of Joliet Quaternary to N 129 th Infantry Rd and Black Rd	0.7		84.7	60-inch
AWSP 06-01 – RWTM ² – Segment A				
To Romeoville Primary WDS		1.5	4.8	20-inch
To Romeoville Secondary WDS		0.7	3.5	20-inch
To Crest Hill Secondary WDS		0.33	3.8	16-inch
From Crest Hill Secondary WDS to Crest Hill Primary WDS		1.8	3.3	16-inch

Work Package	Transmission Main Length: Main Line (Miles)	Transmission Main Length: Member Connections (Miles)	Estimated Buildout Commission System Design Capacity (MGD)	Transmission Main Diameter
AWSP 06-02 – RWTM Segment B				
To Joliet Tertiary WDS		0.33	34.1	42-inch
To Joliet Primary WDS and Future Joliet (SWHPZ)		2.33	27.7	36-inch
AWSP 06-03 – RWTM Segment C				
Regional Transmission Main Downstream of AWSP-02-06	3.66		50.6	48-inch
Connection for Joliet Primary and Tertiary		0.5	34.1	42-inch
AWSP 06-04 – RWTM Segment D				
Regional Transmission Main to Joliet Secondary, Future Joliet (WCHPZ), and Future Shorewood	11.8		50.6	48-inch
Regional Transmission Main to Shorewood Primary	33.1		24.0	36-inch
Downstream of Shorewood Primary	0.5		13.6	30-inch
To Shorewood Primary WDS	0.44		10.4	3030-inch
AWSP 06-05				
Regional Transmission Main to Minooka Secondary	1.4		13.6	30-inch
Minooka Secondary to Minooka Future	2.66		10.3	24-inch
To Minooka Secondary WDS		0.1	3.3	20-inch
Minooka Future to Minooka Primary	2.33		6.5	24-inch
Minooka Primary to Channahon Primary	1.55		4.2	18-inch

Notes: ¹ FTWM: Finished Water Transmission Main

² RTWM: Regional Water Transmission Main

6.4 Operation (Normal / Emergency)

Under normal operating conditions Lake Michigan water will be pumped through the transmission system from the High Service Pump Station at the Chicago Connection Facilities to each of the Member Water Delivery Structures. Intermediate pump stations will be used as necessary to maintain required pressures within the system as demands increase. Storage facilities along the transmission main will provide limited buffer and reserve capacity for operational flexibility or emergency conditions.

6.4.1 Transmission Main Break – Chicago Connection Facilities to ISF1

In the event of a break or leak requiring a shut-down of the finished water transmission main between the Chicago Connection Facilities and ISF1, GPWC operators could maintain service to the Members for a limited time by using the intermediate storage facilities in the system. Storage could also be used to maintain service to Members in the event of an outage at the High Service Pump Station. Table 6-3 shows the projected storage required to maintain supply to the Member communities for up to two hours at average day demand conditions.

Table 6-3 Emergency Storage Requirements for 2-hour Supply

	2030 Average Day Demand	2050 Average Day Demand	Buildout Average Day Demand
Between HSPS and Intermediate Storage Facility 1	No member connections in this section of transmission main. Inlet riser at Intermediate Storage Facility 1 will maintain minimum pressure during HSPS outage.		
Between Intermediate Pump Station 1 and Intermediate Storage Facility 2 ¹ <ul style="list-style-type: none"> - Romeoville - Crest Hill - Joliet - Channahon 2 	2.6 MG	3.5 MG	6.5 MG
Downstream of Intermediate Storage Facility 2 ¹ <ul style="list-style-type: none"> - Shorewood - Minooka - Channahon 1 	0.4 MG	0.7 MG	1.4 MG

¹ Assumes 80% of storage available

GPWC is also currently investigating the potential for construction of an interconnection with another regional water utility in the vicinity of IPS1. Implementation of an interconnection could provide additional emergency supply capacity and extend the time period for which service could be maintained in the event of an outage upstream of the interconnect.

As details related to the interconnect are still in development, no costs for an interconnection are included in this 2024 Basis of Design or the current Baseline Program Budget.

6.4.2 Transmission Main Break – IPS1 to ISF2

An outage in the transmission main between IPS1 and ISF2 in Shorewood would have significant impacts on operation of the Commission system as it could isolate certain Romeoville, Crest Hill, Joliet and Channahon Water Delivery Structures from both the primary supply from Chicago and IPS1. Under this scenario, water supply to affected Members would be curtailed and the Members would need to make use of their own internal storage and/or alternate water source (such as backup wells).

6.4.3 Transmission Main Break – Downstream of ISF2

Should a leak or break occur in the regional water transmission main downstream of ISF2, only the Water Delivery Structures downstream of the break would be impacted. Supply to facilities upstream of the break would be maintained through normal operation of the HSPS, IPS1, and upstream segments of water transmission main.

Water Delivery Structures downstream of the break would be isolated from both the Chicago supply and GPWC transmission system storage. Members served from these Water Delivery Structures would need to operate using their own internal storage and/or alternate water source (such as backup wells).

6.4.4 Transmission Main Break – Member Connection

Each Member Water Delivery Structure will be served via a single pipeline connection to the commission water transmission main. Should a break occur in the pipe connecting a Water Delivery Structure to the transmission main, the Water Delivery Structure would need to be shut down until the pipe was repaired. In communities with more than one Water Delivery Structure, adjustments may be possible in the supply to unaffected Water Delivery Structures to maintain some level of supply to the Member system. For communities with only one Water Delivery Structure, an outage in the piping between the primary transmission main and the Water Delivery Structure would require a Member to switch to operation using their own internal storage and/or alternate water source (such as backup wells).

6.5 Design Criteria

The proposed GPWC transmission main will be designed based on consideration of:

- System Hydraulics (minimum/maximum velocity and pressure)
- Protection of treated water quality
- Structural Requirements (pipe strength to accommodate internal pressure as well as external loadings associated with depth of bury or site conditions)
- Construction Requirements (especially related to complex crossings)
- Projected construction costs
- Operation and Maintenance requirements
- Protection from Damage and Deterioration

The intent is to provide a transmission main system with a design life of 100 years.

These considerations will be applied consistently in the design of all GPWC water transmission main. Select transmission main design criteria are summarized in Table 6-4.

Table 6-4 Key Design Criteria: Transmission Main

Design Parameter	Design Parameter Value
Design Velocity – Minimum for 2030 Minimum Day Demand (fps)	1.0
Design Velocity – Maximum (fps)	8.0
Design C-factor (2030)	130
Design C-factor (Future)	110
Transmission Main Maximum Pressure (psi)	120 (Except at trenchless crossings and near pump station discharges)
Transmission Main Minimum Pressure (psi)	25
Pipeline Material (dependent upon pipe size and construction conditions)	Prestressed Concrete Cylinder Pipe (PCCP), AWWA 304 Steel Pipe, AWWA C200 with cement mortar lining Ductile Iron Pipe (DIP), AWWA C150 with cement mortar lining
Minimum Pipeline Depth of Bury (ft)	5**
Isolation Valve Spacing*	1 per mile
Air Release Valve Spacing*	At high points or long vertical runs of pipe. (Assumed spacing 1 per ½ mile for estimating costs)
Access Port Spacing*	1 per 2 miles
Blow Off/Flushing Valves*	At low points to flush debris from transmission main. (Assumed spacing 1 per ½ mile for estimating costs)

Note:

*Final spacing may be more or less than assumed based on final transmission main alignment, profile, and crossings.

**Conditions and permitting in certain segments of the transmission main alignment may allow for installation at cover depths less than 5 feet

Key:

fps = feet per second

psi = pounds per square inch

7 Intermediate Pump Station 1 and Intermediate Storage Facility 1 (CIP #3) Basis of Design

7.1 Function

Due to the total length and ground profile of the proposed GPWC transmission main, intermediate pumping and storage facilities are required to boost the flow and maintain pressure between the Chicago Connection Facilities and GPWC Member Water Delivery Structures under certain demand conditions. The storage facility will regulate pressure on the suction side of the pump station and provide supplemental water for temporary (up to 2-hour duration) supply to downstream Water Delivery Structures in the event of a loss of upstream supply. The storage facility will also serve to maintain a minimum hydraulic grade line elevation (approximately 810 feet above mean sea level) in the upstream transmission main as part of the surge control strategy for the system.

As shown previously in Exhibit 6-1, IPS1 and ISF1 will be located along the water transmission main approximately 16 miles south and west of the Chicago Connection Facilities along Bell Road in Lemont. It is assumed that approximately 2,500 feet of 66-inch diameter water main will be required to connect the proposed IPS1/ISF1 with the finished water transmission main. Costs for this piping are included in the cost for CIP #3.

7.2 Components

The major components of the CIP #3 improvements include a 4 MG water storage standpipe (ISF1) and a booster pumping station (IPS1) designed to supply the ICSDC. These items and related components included in CIP #3 are listed in Table 7-1.

The Baseline Budget (2.0) costs for the proposed CIP #3 improvements are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

7.3 Design Flow and Capacity

Pumps, piping, valves, electrical equipment for IPS1 and ISF1 are being designed for the ICSDC. However, some components (site piping and large diameter valves) intended to have a long (> 50 year) design life will need to be constructed to accommodate the BCSDC. It is also important that the design considers the likely need for expansion of the pump station (after 2050) to support projected future increases in demand. Specifically, the pump station building will be designed to allow for a future addition and increase in station pumping capacity from the initial capacity to the buildout capacity.

The 4 MG volume of ISF1 is based on the volume of water required to allow for controlled shut down of the station in the event of an upstream supply outage, and the volume required to support up to 2 hours of emergency supply (at 2050 average day demand conditions) to the Member Water Delivery Structures between IPS1 and ISF1 in

Shorewood. Approximately 2.5 MG of additional storage would need to be constructed after 2050 to provide 2 hours of emergency supply under Buildout average day demand conditions. Space has been reserved on the site for construction of this additional storage when it is determined to be needed by the Commission.

Table 7-1 Intermediate Pump Station 1 and Storage Facility 1 Components

Component	Description
Intermediate Storage Facility 1	4 MG standpipe. Capacity of storage tank sized to allow for a sequenced shutdown of pumps and support emergency operation to Water Delivery Structures between ISF1 and ISF2 under average day demand conditions. Inlet riser required to maintain minimum HGL is set at 810 feet in upstream transmission main. Normal operating level anticipated will be 805 feet with an operating range from 780 feet to 805 feet. Overflow height at 820 feet and total tank height at 100 feet.
Intermediate Pump Station 1	New pump station with horizontal split case pumps, expandable to buildout capacity.
Chemical Feed Facilities	Space for sodium hypochlorite and orthophosphate chemical feed systems will be provided. Storage and dose requirements are based on information available as of February 2024. For Sodium Hypochlorite a maximum anticipated feed rate of up to 1 ppm at 2050 Average Flow is used. For Orthophosphate the maximum feed rate is currently anticipated to be in the range of 1.0 – 1.5 ppm at 2050 Average Flow based on a maximum required level of 4 ppm from Joliet corrosion control testing to date and an assumed Chicago feed rate of 2.5 to 3.0 ppm. The final feed rate for Orthophosphate will be determined upon completion of corrosion control testing by all members and confirmation of a design feed rate from Chicago.
Standby Generators	Generators will accommodate powering pumps to meet Average Day Demand
Bypass Piping	Piping at the site will be configured to allow flow to bypass the pump station, standpipe, or both. This arrangement will maximize operational flexibility and allow for system operation during required maintenance.
Connecting Piping	Approximately 2,500 feet of 66-inch diameter pipe is assumed to be required to convey flow from the finished water transmission main to the storage facility and pump station and return the flow to the transmission main.

Key:

MG = million gallons

7.4 Operation (Normal / Emergency)

Under normal conditions, all flow from the HSPS will pass through the proposed Intermediate Storage Facility 1 via an inlet riser to maintain a minimum hydraulic grade

line of 810 feet above mean sea level upstream of the standpipe. Maintaining this grade line elevation is an important element of the surge control strategy for the HSPS.

IPS1 will be operated as needed to maintain a target hydraulic grade line/pressure setpoint at the connection to the ISF2 (754' HGL). Current analyses indicate that the IPS1 will not need to be operated until transmission main flows reach approximately 45 MGD.

The IPS1 site will also include equipment for the potential feed of sodium hypochlorite (for maintenance of a disinfectant residual) and/or orthophosphate (for corrosion control). The system will be designed to allow for addition of one or both chemicals regardless of whether pumps are being operated at IPS1.

IPS1 is being designed with provisions to minimize the potential for an outage at the facility due to loss of power (dual electrical feed from utility, if available, and standby generator capacity). Should some other factor result in an outage at the facility, there would be no impact on the hydraulic performance of the system for flows up to about 45 MGD since the station is not required to maintain desired pressures for those flows. Should an outage occur when IPS1 is in use, flow up to the full design capacity of the High Service Pump Station could still be conveyed to all Member Water Delivery Structures. However, the pressure at the Water Delivery Structures between the IPS1 and the ISF2 in Shorewood would be reduced by approximately 15-25 psi.

7.5 Design Criteria

It is anticipated that ISF1 will be constructed of welded steel and will include separate inlet and outlet piping to maintain a minimum hydraulic grade line of approximately 810 feet above mean sea level upstream of the tank and facilitate turnover of the stored water. The water level in the standpipe will be monitored via a pressure transducer in the adjacent piping and reported to the Control Center at Intermediate Storage Facility 2 via the GPWC Supervisory Control and Data Acquisition (SCADA) system.

IPS1 will be designed to serve as a booster pumping station within the GPWC water transmission system. When necessary, IPS1 will be operated to boost pressure in the transmission main segments leading to GPWC Member Water Delivery Structures. Based on the current hydraulic evaluation, surge control is not anticipated to be needed at this station. Transmission main piping at the IPS1 site will be designed to include a bypass for use during demand periods when operation of IPS1 is not required. Bypass piping will also be provided to allow for operation of the transmission main and pump station when the standpipe is out of service for maintenance or painting. Exhibit 7-1 shows the process flow diagram for the IPS1. The exhibit also shows the configuration of a potential interconnection at the IPS1/ISF1 site. Discussions related to the establishment of an interconnection at this location are in their early stages and will need to be refined should arrangements for an interconnection be finalized.

Select design criteria for IPS1 are summarized in Table 7-2. Select design criteria for ISF1 are summarized in Table 7-3. Joliet, as Program Manager on behalf of the GPWC, will be responsible for the design and construction engineering of the proposed IPS1 and ISF1. The GPWC will finance, own, operate, and maintain IPS1 and ISF1.

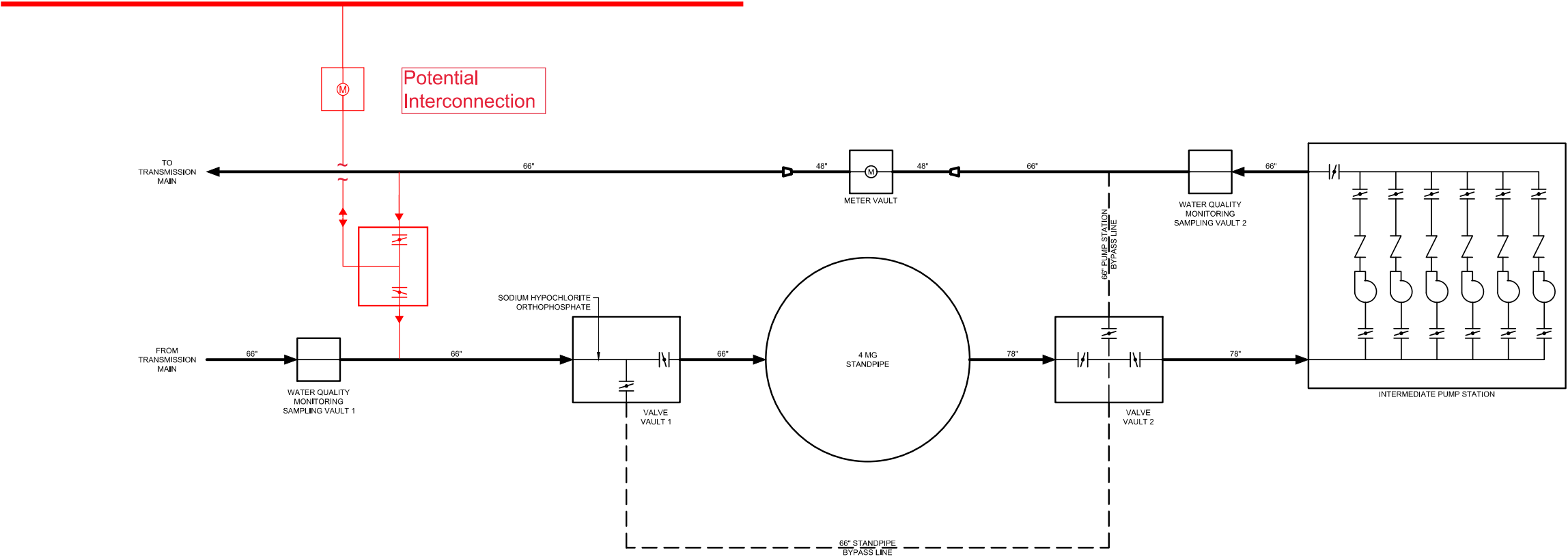


Table 7-2 Key Design Criteria: Intermediate Pump Station 1 (IPS1)

Design Parameter	Design Parameter Value
Design Capacity – Pump Station (MGD)	55.27 (2050 Maximum Day Demand) *
Design Head (feet)	60 (to be confirmed based on final hydraulics)
Pump Type	Horizontal Split Case
Motor Control	Variable Frequency
No. of Pumps, Pump Redundancy	6, N+1
Pump Capacity (MGD)	11.05**
Piping and Valve Velocity (fps)	3 to 5 (Suction), 5 to 8 (Discharge)
Pump Removal Method	Overhead Crane and Hoist
Chemical Feed	Sodium Hypochlorite & Orthophosphate feed
Electrical Equipment	480V (To be confirmed based on final hydraulics)
Primary Power Supply	New electrical service
Backup Power	Generator w/ Automatic Transfer Switch sized for 2050 Average Day Demand
SCADA Architecture (for Commission)	PLC-based control w/ gigabit fiber optic ethernet network
SCADA Local Interface	Yes
Security Provisions	Real-time video surveillance and access control with local server
Restroom	Gender-neutral with toilet and sink
Building Materials	(to be finalized based on Lemont Building, planning / zoning requirements)
Foundation	Cast-in-place Concrete
Exterior Walls	CMU Block w/ Masonry Brick
Interior Walls	Glazed CMU Block
Roof System	Bar Joist with Metal Deck
Interior Ceilings - General	Exposed Roofing System
Interior Ceilings – SCADA Room	Suspended Tile

Notes:

* This will be equal to the total of all Members' Declared 2050 Maximum Day Demand.

** May be adjusted based on final pump selection but will approximately equal design capacity divided by 5.

Key:

ATS = Automatic Transfer Switch
CMU = Concrete Masonry Unit

MGD = million gallons per day
PLC = programmable logic controller
SCADA = Supervisory Control and Data Acquisition

Table 7-3 Key Design Criteria: Intermediate Storage Facility 1

Design Parameter	Design Parameter Value
Design Capacity (MG)	4 MG
Design Overflow Elevation (ft)	830 feet above mean sea level*
Approx. Ground Elevation (ft)	732 feet above mean sea level*
Tank Diameter (ft)	94 feet
Height to Overflow (ft)	98 feet*
Material of Construction	Welded Steel

Notes:

* All elevations are dependent upon final system hydraulics as defined during final design.

Key:

MG = million gallons

8 Intermediate Storage Facility 2 (CIP #4) Basis of Design

8.1 Function

Hydraulic analyses of the system configuration indicated that a second water storage facility is required along the GPWC transmission main downstream of IPS1. This ISF2 will serve to stabilize pressures in the downstream portion of the transmission system and provide stored water to supply downstream Member Water Delivery Structures (Shorewood, Minooka, Channahon 1) in the event of a brief (up to 2-hour) outage in the upstream transmission main system.

Based on the hydraulic analysis for the ICSDC and BCSDC, the ISF2 should be located about 41 miles south and west of the Chicago Connection Facilities near the intersection of Black Road and County Line Road in the Village of Shorewood as shown in Exhibit 6-1. Efforts associated with final acquisition of property for the facilities are ongoing and are expected to be completed later in 2024. Current plans are for ISF2 to be constructed downstream of the City of Joliet's secondary Water Delivery Structure and upstream of future Water Delivery Structure for the Village of Shorewood.

Given the current uncertainty as to the final location of the CIP #4 improvements, budgetary costs for CIP #4 include an allowance for up to about 4,000 feet of 36-inch diameter piping to connect the storage facility to the regional water transmission main. If the final site selected for CIP #4 allows the storage facility to be constructed closer to the regional main, costs for this piping will be reduced accordingly.

8.2 Components

The CIP #4 infrastructure will include a new 1.5 MG elevated storage tank as listed in Table 8-1. Water levels in the elevated storage tank will "float" on the hydraulic grade line in the water transmission main, Exhibit 8-1 presents the preliminary hydraulic profile.

Table 8-1 Intermediate Storage Facility Components

Component	Description
Intermediate Elevated Storage Tank	1.5 MG elevated storage tank. Capacity of storage tank sized to provide operational flexibility and limited reserve supply for the downstream portion of the water transmission system. Inlet riser required to maintain minimum HGL is set at 754 feet in upstream transmission main. Overflow height at 764 feet and total tank height at 150 feet.
Connecting Piping	Approximately 4,000 feet of 36-inch diameter pipe is assumed to be required to convey flow from the regional water transmission main to the storage facility and back to the transmission main.

Key:

MG = million gallons

Under future conditions associated with expansion of the GPWC system, a full flow, 24 MGD pump station (IPS2) will be needed downstream of ISF2 to support delivery of BCSDC demands and maintenance of minimum pressures at the Shorewood, Minooka, and Channahon Water Delivery Structures downstream of the facility. The 1.5 MG elevated water storage tank provides sufficient volume for up to 2 hours of reserve supply capacity for the Water Delivery Structures downstream of ISF2 at Buildout average day demands. Site acquisition efforts for ISF2 and a future IPS2 are focused on securing sufficient space for the possible construction of additional storage should the Commission desire it as the system expands.

The Baseline Budget (2.0) costs for the proposed CIP #4 elevated water storage tank are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

8.3 Design Flow and Capacity

ISF2 will be an elevated tank with a volume of 1.5 MG. The elevated tank will “float” on the transmission main hydraulic grade line to provide stable pressures and reserve supply capacity for the downstream Water Delivery Structures. Current hydraulic analyses indicate that an elevated storage tank with an overflow elevation of approximately 760 feet above mean sea level and an upstream control valve will meet these conditions and allow for operation at a target HGL of about 754 feet. The final operating range and tank height for ISF2 will be determined once the site for the facility is finalized.

8.4 Operation (Normal / Emergency)

ISF2 is designed to provide reliable service pressures to Water Delivery Structures for Shorewood, Minooka and to the Primary Water Delivery Structure for Channahon. Service pressures at these Water Delivery Structures will depend upon the level in the tank, head loss in the transmission main downstream of the tank, and ground elevations at each of the Water Delivery Structures. Hydraulic analysis indicates that operation of the elevated storage tank at levels between about 650 feet and 660 feet will provide the required pressures at the downstream Water Delivery Structures for flows up to the ICSDC.

Hydraulic grade line elevations in the regional transmission main system just upstream of ISF2 will vary depending on operation of IPS1/ISF1 and friction losses along the pipeline. For system demands up to about 41 MGD (projected 2050 Average Day Demand), the HGL in the transmission main upstream of ISF2 is projected to be higher than the overflow elevation of the tank. A control valve on the transmission main is proposed to control the HGL at the inlet to the tank and prevent overflows at ISF2.

As system demands increase beyond 41 MGD, the HGL in the transmission main will approach the normal operating range of ISF2 and reduce the need for use of the transmission main control valve.

Should an emergency interrupt flow in the transmission main upstream of ISF2, the tank will continue to supply flow to the Shorewood, Minooka, and Channahon 1 Water Delivery Structures by gravity. As shown in Table 6-3, the water volume stored at ISF2 would be adequate to support continued supply to the downstream Water Delivery Structures for more than 2 hours at 2050 Average Day Demand conditions.

8.5 Design Criteria

While ISF2 will be an elevated water storage tank rather than a standpipe (as at ISF1), fundamental design principles for the two facilities are similar. In both cases, it is anticipated that the storage facilities will be constructed of welded steel and will include separate inlet and outlet piping to facilitate turnover of the stored water. The water level in ISF2 will be measured and reported to the Control Center via the GPWC SCADA system. Piping and valving will be designed to allow ISF2 to be isolated from the transmission main and to allow for a future connection to IPS2.

Select design criteria for ISF2 are summarized in Table 8-2.

Table 8-2 Key Design Criteria: Intermediate Storage Facility 2

Design Parameter	Design Parameter Value
Design Capacity (MG)	1.5 (Subject to change based on final demands and hydraulics)
Design Overflow Elevation (ft)	764 feet above mean sea level*
Approx. Ground Elevation (ft)	620 feet above mean sea level*
Height to Overflow (ft)	144 feet*
Material of Construction	Welded Steel

Notes:

* All elevations are dependent upon final system hydraulics and will be refined after final site selection.

Key:

MG = million gallons

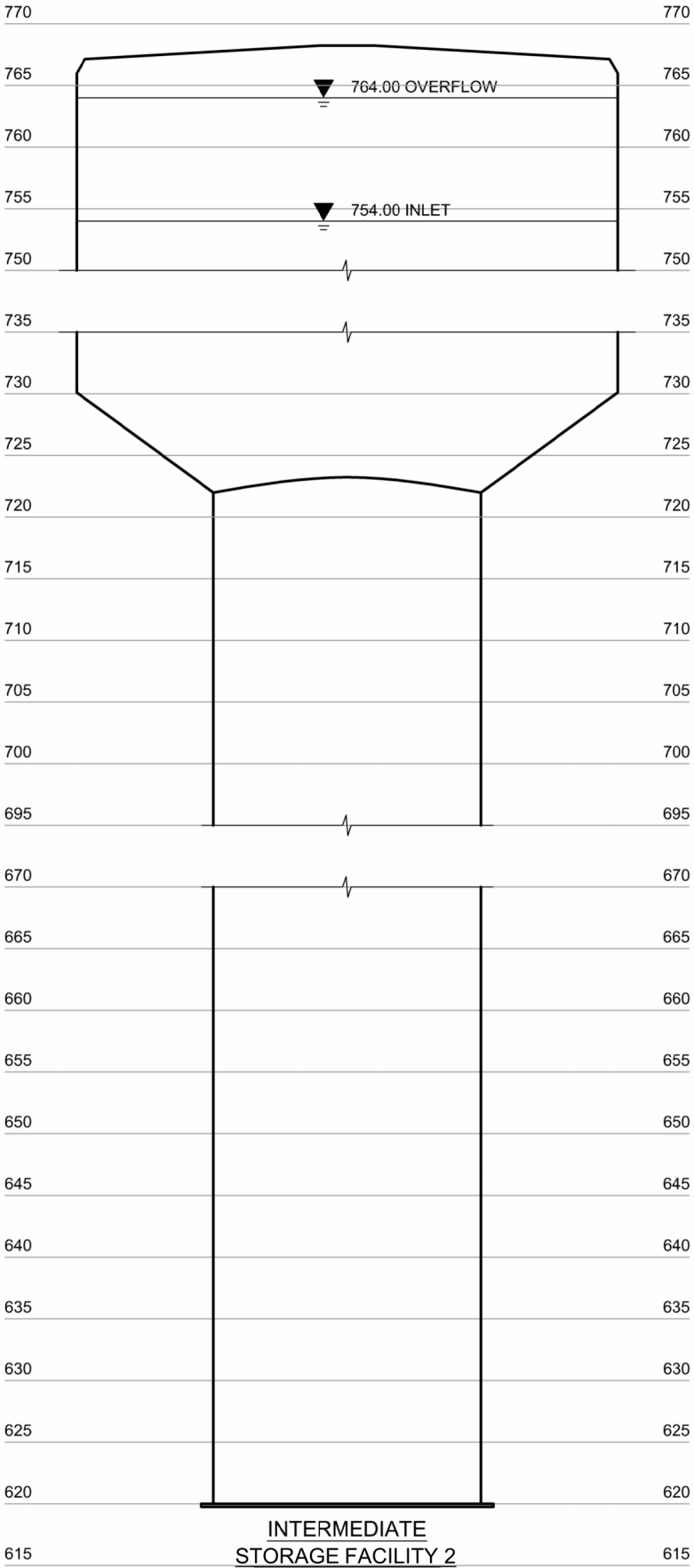


Exhibit No.	8-1
Title	Intermediate Storage Facility 2 - Preliminary Hydraulic Profile
Client/Project	GPWC Alternative Water Source Program
Project Location	Will, Cook, Kendall, and Grundy Counties

9 GPWC Water Delivery Structure (CIP #6) Basis of Design

9.1 Function

Infrastructure is required to control the delivery of Lake Michigan water to GPWC Members. The design for the GPWC system will provide this control at Water Delivery Structures which will be constructed, owned, and operated by the GPWC.

The GPWC is required to take water from City of Chicago at a uniform rate over a 24-hour period. The rate for each period will be based on the sum of the flow rates requested by all the GPWC Members. Per the Water Supply Agreement, each Member shall notify the Commission on a daily basis as to its requested rate of flow for the day at each of its Water Delivery Structures. The total daily flow requested by each Member shall not exceed the lesser of the Member's Declared Maximum Day Demand or the amount allowed by the Member's Maximum Peaking Factor. Upon receiving flow requests from the Members, the GPWC system operator will adjust the setpoint for the flow control valves at each Water Delivery Structure. Each structure will serve to control the flow to the Member system at that location, provide for metering of the flow for operational and billing purposes, and monitor upstream pressures at each location. No chemical addition or water quality monitoring equipment will be installed at Water Delivery Structures.

Each Water Delivery Structure will be constructed within permanent and temporary easements, and using temporary easements, granted to the GPWC by each Member at no cost. Details about the easements are in Section 9.6 of this document. The schedule for construction of the Water Delivery Structures has been developed with input from the Members to allow for the coordinated construction of the Water Delivery Structures and receiving facilities to be constructed by each Member.

The division of responsibility for the construction and operation of these Water Delivery Structures is as follows:

- Costs associated with the construction of transmission piping and standard (vault-style) infrastructure to support one Primary Water Delivery Structure for each GPWC Member will be included in the overall GPWC infrastructure capital costs. The GPWC infrastructure capital costs are to be shared by Members based on Declared 2050 Maximum Day Demands.
- All costs associated with the design and construction of additional, non-primary infrastructure requested by a GPWC Member, including the Water Delivery Structure and the main leading to it from the GPWC mainline transmission main, will be paid by the Member. All infrastructure will be designed by the Program Team and constructed, owned, operated, and maintained by the GPWC.

While pressure at individual Water Delivery Structures may be greater, the hydraulic design of the Commission System is based on maintaining a minimum delivery pressure

of 25 psi at all Water Delivery Structures under all normal operating conditions. Members may desire to utilize the energy of the delivered water, but all Members are expected to make provisions for pressure boosting within their own distribution systems.

9.2 Components

Water Delivery Structures will be below grade, cast-in-place concrete vaults designed to accommodate required piping, valves, meter, instrumentation, and communication hardware. Entry to the station will be via a hatch at grade with steps to the lower level.

During preliminary design, three varying Water Delivery Structure types were designed, each to operate at varying ranges of flow. Each of these structures was designed to fully encapsulate all piping, equipment, and structure access below grade, with the exception of select electrical equipment. The structures are subject to flooding which requires select electrical equipment to be housed in an above grade enclosure. A process flow diagram is presented in Exhibit 9-1.

Although the structures are designed to accommodate a specific flow range, they have been designed with the ability to upsize internal piping and equipment in the event a community requires more flow than projected.

The Water Delivery Structures will be climate-controlled using unit heaters, ventilation, dehumidification, and a sump pump. Stations will also have SCADA and telemetry components so that the equipment, including the flow control valves, meters, and pressure transmitters may be continuously monitored and remotely controlled by the GPWC system operator.

The proposed Water Delivery Structures are planned for construction through four separate work packages to allow their construction to be coordinated with the construction of water receiving, pumping, and storage facilities by individual Members. The scope of construction for the early work packages (AWSP-06-06 and AWSP-06-07) is limited to vault construction and site civil activities so that mechanical, electrical, and plumbing (MEP) components are not installed years before they are expected to be put into service. Installation of the MEP components for the Water Delivery Structures included in packages AWSP-06-06 and AWSP-06-07 are to be installed as part of work packages AWSP-06-08 and AWSP-06-09. The list below summarizes the plan for design and construction of the Water Delivery Structures as of the date of this Basis of Design report. The list is subject to change during further design. Budgets for each work package are summarized in Section 13.

AWSP-06-06 (Construction 2025-2026)

- Joliet Primary Water Delivery Structure (Vault and Site Civil Only)
- Channahon Primary Water Delivery Structure (Vault and Site Civil Only)
- Minooka Primary Water Delivery Structure (Vault and Site Civil Only)
- Minooka Secondary Water Delivery Structure (Vault and Site Civil Only)

AWSP-06-07 (Construction 2026-2027)

- Joliet Secondary Water Delivery Structure (Vault and Site Civil Only)
- Romeoville Primary Water Delivery Structure (Vault and Site Civil Only)
- Romeoville Secondary Water Delivery Structure (Vault and Site Civil Only)
- Joliet Quaternary Water Delivery Structure (Vault and Site Civil Only)

AWSP-06-08 (Construction 2027-2028)

- Mechanical, Electrical, and Plumbing Installation (AWSP-06-06 WDS)
- Shorewood Primary Water Delivery Structure
- Joliet Tertiary Water Delivery Structure
- Crest Hill Secondary Water Delivery Structure

AWSP-06-09 (Construction 2027-2029)

- Mechanical, Electrical, and Plumbing Installation (AWSP-06-07 WDS)
- Crest Hill Primary Water Delivery Structure
- Channahon Secondary Water Delivery Structure

The Baseline Budget (2.0) costs for the proposed CIP #6 Water Delivery Structure improvements are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

9.3 Design Flow and Capacity

To balance a desire for standardization of the Water Delivery Structure designs with the need to accommodate a wide range of flows for GPWC Members, three designs have been developed. Each design is sized to support a different flow range. Table 9-1 shows the design flow ranges adopted for each station type.

Table 9-1 Water Delivery Structure Type and Flow Range

Station Type	Minimum Flow (gpm)	Maximum Flow (gpm)
Type A	490	3,420
Type B	1,250	8,780
Type C	1,960	13,700

Note: Table 9-1 does not include the increased range possible via internal piping upsizing

A summary of projected 2030, 2050 and Buildout demands at each Water Delivery Structure is presented earlier in this report as Table 2-1. A consolidated table of Water Delivery Structure design flows and types is shown in Table 9-2.



Exhibit No.
9-1
Title

Water Delivery Structure Configuration

Client/Project **GPWC**
Alternative Water Source Program

Project Location
Will, Cook, Kendall, and Grundy Counties

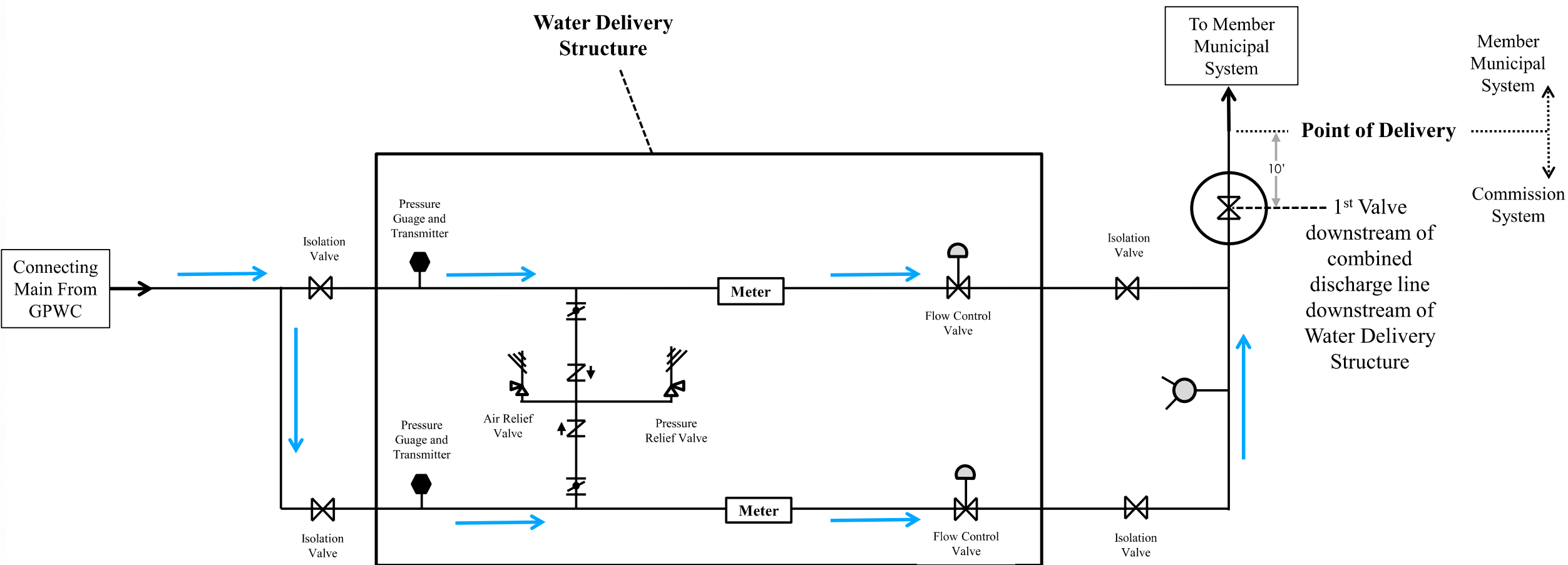


Table 9-2 Water Delivery Structure Design Flow and Type

GPWC Member	Water Delivery Structure Label	2050 Max Day		Buildout Max Day		Water Delivery Structure Type		
		MGD	gpm	MGD	gpm	A	B	C
Channahon	Primary	2.67	1,854	4.18	2,903	X		
	Secondary	1.37	951	2.16	1,500	X		
	TOTAL	4.04	2,806	6.34	4,403			
Crest Hill	Primary	3.34	2,319	3.34	2,319	X		
	Secondary	0.42	292	0.42	292	X		
	Future	0.42	292	0.42	292	X		
	TOTAL	4.18	2,903	4.18	2,903			
Minooka	Primary	1.00	694	2.35	1,632	X		
	Secondary	1.40	972	3.29	2,285	X		
	Future	1.60	1,111	3.76	2,611	X		
	TOTAL	4.01	2,785	9.39	6,521			
Joliet	Primary	11.40	7,917	16.95	11,771			X
	Secondary	12.23	8,491	13.71	9,521			X
	Tertiary	2.30	1,597	4.30	2,986		X	
	Quaternary	4.07	2,826	6.45	4,479		X	
	Future WCHPZ	0.00	0	12.87	8,938			X
	Future SWHPZ	0.00	0	10.71	7,438			X
	TOTAL	30.00	20,833	65.00	45,139			
Romeoville	Primary	4.79	3,326	4.79	3,326		X	
	Secondary	3.47	2,410	3.47	2,410		X	
	TOTAL	8.25	5,729	8.25	5,729			
Shorewood	Primary	4.80	3,333	10.40	7,222		X	
	Future ⁽¹⁾	0.00	0	2.00	1,389	X		
	TOTAL	4.80	3,333	10.40	7,222			

(1) Shorewood's future Water Delivery Structure is being sized at 1.0 MGD Average Day Demand. Since the timing is unknown, Shorewood's Primary Water Delivery Structure will be sized for Shorewood's full demands to Buildout.

9.4 Operation (Normal / Emergency)

GPWC Members are required to take water at a uniform flow rate to be set by the GPWC system operator daily in consultation with the Members. The Members' requested supply rates will be used by the GPWC system operator to assign setpoints for the flow control valve at each Water Delivery Structure. Assigned flow rates will be maintained for each 24-hour period unless an emergency situation, such as a main break or fire event, requires a Member to request a flow rate adjustment. It is expected that the GPWC system operator will, in most cases, be able to support an emergency request for a flow rate adjustment from a Member within the process and constraints in the Water Supply Agreement.

Members will be responsible for determining the necessary flow rate requests and adjustments for their own systems by using operating judgment and looking at previous day flow rates and tower levels. For operation with a constant supply rate, peak demands will need to be met from each individual Member's internal storage. It is anticipated there will be enough storage volume within the Members' systems to accommodate demand fluctuations due to the minimum storage requirements for all GPWC Members in the Water Supply Agreement.

Emergency conditions that could impact the operation of Water Delivery Structures include a loss of communication between the Water Delivery Structure and the GPWC Control Center, or a failure of piping or equipment in or upstream of the Water Delivery Structure requiring the structure to be taken out of service.

In the event of a loss of communication, local control at each Water Delivery Structure will maintain the flow setpoint in place at the time communication was lost. Meter, pressure, and other instrumentation data being collected at each site will be logged by the local PLC at each station for upload once communications are re-established.

Installation of parallel control valves at all Water Delivery Structures will provide redundancy to allow each structure to continue to supply flow even if one valve or meter must be taken out of service for maintenance or repair. As such, the likelihood that a Water Delivery Structure would need to be taken completely off-line is small. However, should circumstances require a Water Delivery Structure to be taken completely out of service, the GPWC system operator would work with the affected Member to direct additional flow to its other Water Delivery Structures as supply and structure capacity allow.

Through 2050, only Shorewood is dependent upon a single Water Delivery Structure. In the unlikely event that the Shorewood Water Delivery Structure had to be taken out of service, the Village would need to rely on its internal storage or its backup wells to sustain its supply until the structure could be brought back online.

9.5 Design Criteria

Given the wide range of flows to be accommodated at GPWC Member Water Delivery Structures and the relatively limited capacity of most flow control valves, each Water Delivery Structure is designed to include two parallel pipes to support minimum, average, and maximum day design flows through 2050. The installation of parallel piping will also allow delivered flow to be metered if maintenance requires that one line be taken out of service.

In some cases, GPWC Members anticipate significant buildout growth and may need to add additional Water Delivery Structures in the future. Each Water Delivery Structure has been designed to accommodate the upsizing of one, or both, of the parallel pipes to support additional growth. Water main within Type A Water Delivery Structures may be upsized to 12-inch diameters while maintaining 5 upstream and 2 downstream pipe diameters around flow meters. Type B Water Delivery Structures may be upsized to 18-inch diameters, and Type C may be upsized to 24-inch diameters.

The standardized Water Delivery Structure design includes a flow control valve, meter (with a means of in situ calibration of the meters), and pressure transmitters. A single pressure relief valve will be used between the parallel lines to release pressure surges in the GPWC system.

Head loss, lay length, accuracy, allowable flow ranges, and maintenance will need to be considered for equipment selection during final design. Flow control valve options include hydraulically actuated diaphragm style, such as Cla-Val or OCV, and electrically actuated ball valve style. Due to the smaller diameter piping anticipated in the Water Delivery Structures, electromagnetic flow meters are proposed for this application. Electromagnetic (mag) flow meters are capable of operating within acceptable levels of accuracy (0.18% to 0.5%) over a large flow range, allowing many Water Delivery Structures to not need meter replacement or additional lines added to their Water Delivery Structure prior to 2050. The GPWC will perform annual calibration or multi point verification to maintain meter accuracy as indicated in the Water Supply Agreement.

9.6 Member & GPWC Obligations for the Water Delivery Structure Sites

9.6.1 General

Member & GPWC Obligations for Water Delivery Structure Sites are summarized in Table 9-3.

Table 9-3 Member & GPWC Responsibilities for Water Delivery Structures

	Member Responsibilities	GPWC Responsibilities
Land Rights	Acquire land	IGA Prepare Model Easement Agreement Between GPWC and Member
	Grant temporary & permanent Easement(s) to GPWC	
Geotechnical Investigations	Geotech investigation Information (if Member building Tank/PS on site)	Geotech investigation (if Member not building Tank/PS on site)
Site Suitability Summary	Prepare site suitability summary	Review site suitability summary including conceptual site layout
Design of GPWC Improvements	Survey site	Establish design standards and site requirements
	Develop conceptual site layout	Design of GPWC Infrastructure
		Opinion of Probable Construction Cost (OPCC)
Construction of GPWC Improvements	Coordinate with GPWC on phasing of GPWC & Member improvements at the site	Bidding, contracting and construction of GPWC Infrastructure

9.6.2 Land Rights

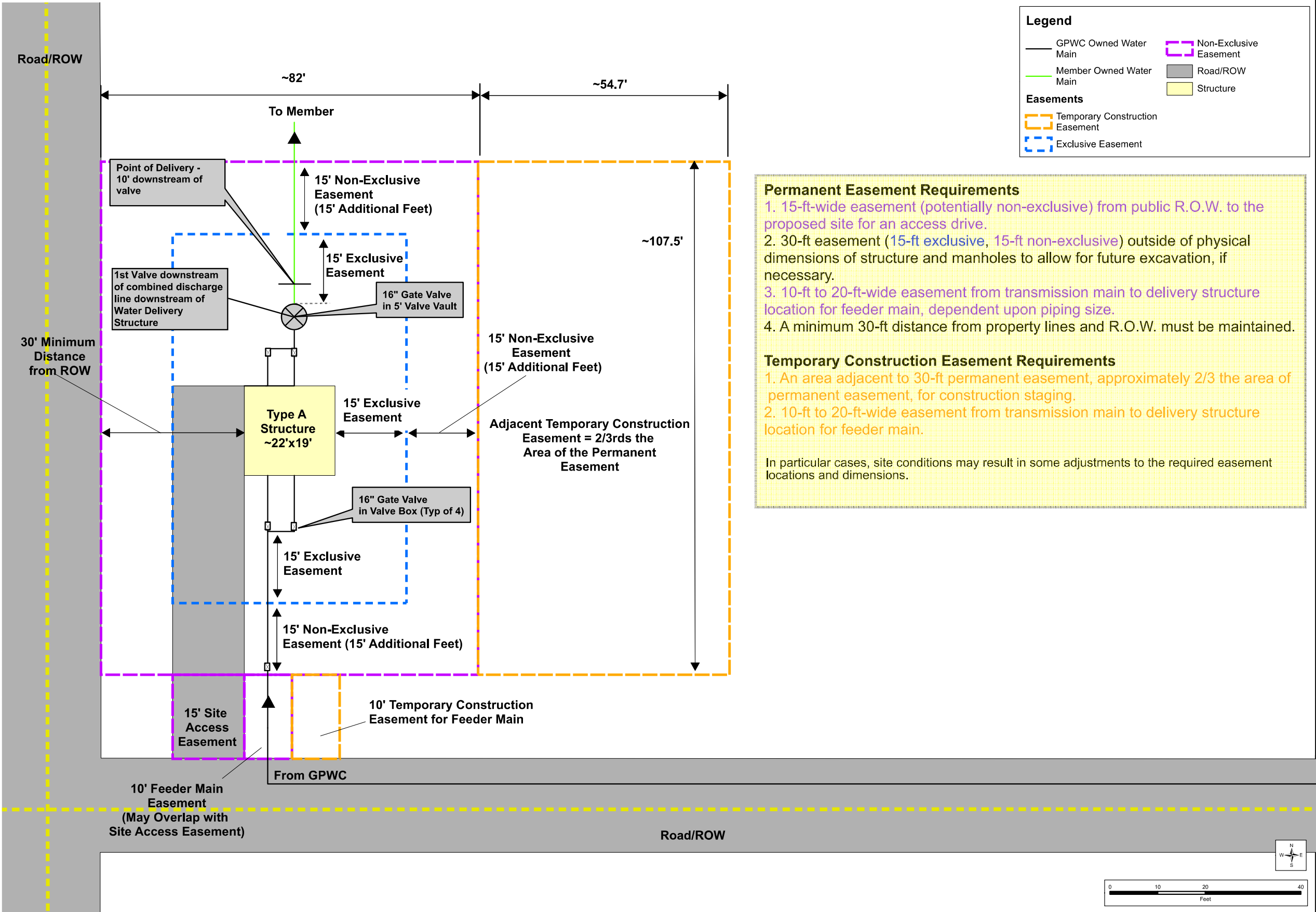
Member community to identify Primary and Non-Primary Water Delivery Structure Site locations and obtain land rights for proposed site (if the site is not currently owned by the Member). The WSA requires that the temporary/permanent easements for the Water Delivery Structures are provided at no cost to the Commission on land owned by the members and also recognizes the other alternative of the Member obtaining easements on land owned by someone else, which would be at the Member's cost but no cost to the Commission. The template for various easements to be provided by the Member to the GPWC are shown in Exhibit 9-2 and described in the following sections. In particular cases, site conditions may result in some adjustments to the required easement locations and dimensions.

Legend
GPWC Owned Water Main
Member Owned Water Main
Non-Exclusive Easement
Road/ROW
Structure
Temporary Construction Easement
Exclusive Easement

Permanent Easement Requirements
1. 15-ft-wide easement (potentially non-exclusive) from public R.O.W. to the proposed site for an access drive.
2. 30-ft easement (15-ft exclusive, 15-ft non-exclusive) outside of physical dimensions of structure and manholes to allow for future excavation, if necessary.
3. 10-ft to 20-ft-wide easement from transmission main to delivery structure location for feeder main, dependent upon piping size.
4. A minimum 30-ft distance from property lines and R.O.W. must be maintained.

Temporary Construction Easement Requirements
1. An area adjacent to 30-ft permanent easement, approximately 2/3 the area of permanent easement, for construction staging.
2. 10-ft to 20-ft-wide easement from transmission main to delivery structure location for feeder main.

In particular cases, site conditions may result in some adjustments to the required easement locations and dimensions.



9.6.2.1 Water Delivery Structure Site Easements

The Member community will grant permanent/temporary easement(s) at no cost to the GPWC as follows:

- A permanent 30' easement measured from the outside of the physical dimensions of the structure and easement for the Water Delivery Structure and a valve vault to allow for future excavation as follows:
 - The first 15-ft outside of the physical dimensions of the structure and valve vaults shall be exclusive to GPWC except for infrastructure necessary to support the structure and the Member watermain extending away from the Water Delivery Structure. If the exclusive easement area is not clear of other utilities or infrastructure, the Member community shall remove and relocate those items to locations outside of the exclusive permanent easement area. The point of delivery will be considered 10-ft downstream of the valve within the valve vault.
 - The area that is 15-ft beyond the exclusive easement shall be a non-exclusive easement. The non-exclusive easement shall be restricted to only allow for subsurface installations. If the non-exclusive easement area is not clear of other aboveground infrastructure, the Member community may propose additional areas adjacent to the exclusive easement for the non-exclusive easement, subject to GPWC approval. If the non-exclusive easement area is not clear of other aboveground infrastructure, the Member community may propose additional areas adjacent to the exclusive easement for the non-exclusive easement, subject to GPWC approval.
- A temporary easement adjacent to permanent easement, approximately 2/3 of the area of permanent easement, for construction staging.

9.6.2.2 Connecting Main Easements

If the proposed Water Delivery Structure site is not adjacent to a public right-of-way, the Member shall provide a permanent 10' to 20'-wide (depending upon pipe size) exclusive easement from transmission main to the proposed site. In addition, the Member shall provide a temporary 10' to 20'- wide easement from GPWC transmission main to the proposed site. Width of the temporary easement will depend on pipe size and site conditions and shall be subject to GPWC approval.

9.6.2.3 Access Drive Easement

If the proposed site is not adjacent to a public right-of-way, the Member shall also provide a permanent 12' to 15'- wide easement from public R.O.W. to proposed site for access drive. This easement may be non-exclusive, subject to GPWC approval.

9.6.3 Site Layout

9.6.3.1 Setbacks

The Water Delivery Structure and valve vaults shall be located at the site to maintain a minimum 30-ft setback from property lines and public right-of-way. In addition, a minimum setback of 30-ft shall be maintained from existing, proposed and future above grade structures and features, other than paving.

9.6.3.2 Site Fencing

Fencing installed will enclose the Water Delivery Structure and associated valve vault for security. If there is no existing or proposed Member fencing, GPWC will construct, own and maintain fencing of Water Delivery Structure. If the existing/proposed fencing is shared between the GPWC and the Member, the fencing shall be constructed, owned and maintained by Member. If the fencing is shared, the Member shall provide GPWC with a key and open access.

Fencing shall be a general industrial/commercial type of fence with the following features, unless otherwise required by local standards:

- Construction Type – black metallic chain link or steel or black aluminum “wrought iron” style
- % Visual Opening - ~90%
- Height - 8 feet
- Post Construction - Steel or aluminum

A higher quality fencing may be provided by the Member or requested by the Member at the Member's cost.

9.6.3.3 Site Security

While the site will be shared, it is important to maintain security and control access to the GPWC and Member facilities. To that end, there will be separate access keying/locks for GPWC and Member-owned infrastructure. Members will not have keys for Water Delivery Structure and GPWC will not have keys for Member-owned infrastructure.

9.6.3.4 Field Investigations

In most cases, the Member will also be constructing improvements at the shared site. With this understanding, the Member shall provide any geotechnical investigation information to GPWC to allow for design of the Water Delivery Structure. If the Member is not constructing improvements at the site, GPWC will perform geotechnical investigations, prior to design of the Water Delivery Structure. GPWC will coordinate with the Member for performance of the geotechnical investigations.

9.6.3.5 Site Suitability Summary

Members shall provide a site suitability summary addressing the following:

- Member's zoning and land use requirements, including minimum setback requirements (side yard, front yard, etc.)
- Location of existing buildings and utilities
- Suitability of site for construction based on results of geotechnical information
- Proposed layout of Member's infrastructure at the site (storage, pumping station, piping, etc.)
- Proposed extents for fencing indicating whether it is shared and, if so, how access will be controlled.

The Member shall provide the following supporting information for the site suitability summary:

- Narrative addressing the items noted above
- Commitment for Title Insurance, site data, ALTA Surveys, Plats, unrecorded documents affecting the land, such as farm leases, environmental constraints (floodplain, wetlands. etc.)
- Zoning and land use requirements
- Geotechnical information for the site
- Exhibit showing the following:
 - Site Layout (existing and proposed)
 - Property lines and setbacks

- Permanent and temporary construction easements to GPWC for Water Delivery Structure, watermain, and access
- Member or Water Delivery Structure fencing location

9.6.4 Design

The GPWC Program Team will prepare the design of the Water Delivery Structure and site based on information provided by the Member.

9.6.4.1 Information Required from Member (prior to design)

Prior to the scheduled timeframe for design for each work package, the Members shall provide the following for the Water Delivery Structure site in that work package:

- Site acquired (including provision of title and legal descriptions and any existing easements or other documents on or affecting the site)
- GPWC Approved Site Suitability Summary (as noted in Section 9.6.3.5)
- GPWC Approved Easements (as noted in Section 9.6.2)
- Any available Geotech info (If the Member site has a proposed tank or pump station, complete Geotech for Member facilities and provide information to GPWC)
- Completed 30% Design for Delivery Site showing the location of the Member's existing and proposed facilities and access at the site in order to establish the location of the Water Delivery Structure and incoming/outgoing piping
 - Topographic Survey (CAD file) including boundary survey
 - Member Proposed Improvements including proposed grading (CAD file)

The GPWC Program Team will review the information provided in order to determine whether a site is suitable and the design of the Water Delivery Structure can proceed.

9.6.5 Construction

The Water Delivery Structure and GPWC Connecting Main will be contracted for and constructed by GPWC. GPWC and the Member shall coordinate on the phasing of the improvements at the site in order to avoid multiple contractors on site at the same time. In addition, GPWC and the Member shall coordinate between construction phases for site access, temporary fencing, restoration, etc.

The GPWC Program Team will provide construction engineering services including onsite resident engineering services for the construction of the GPWC facilities.

9.6.6 Operation & Maintenance of Shared Site

The GPWC will be responsible for operation and maintenance of the GPWC Water Delivery Structure Site and Connection Main upstream of and including the Point of Delivery. The Member will not have access to the GPWC facilities and the GPWC will not have access to the Member facilities on the site. Maintenance of the shared site shall be the responsibility of Member including landscaping, roadway repair, and snow plowing.

Since the site will be shared by the GPWC and the Member, the following notifications will be required as appropriate:

- Notification by GPWC and the Member is not required for regular operation and maintenance of a party's own facilities.
- Access to other party's facilities requires request and notification.
- Notification will be required for activities of a party that will affect the other party; details to be provided in easement agreement between GPWC and Member.

10 System-wide SCADA/Communications (CIP #5) Basis of Design

10.1 Function

System-wide Supervisory Control and Data Acquisition (SCADA) and communications are required for control and monitoring of the physical facilities (e.g., pump stations, storage facilities, transmission main, delivery structures) that make up the GPWC water system. The System-wide SCADA/Communication system will allow processes and facilities to be controlled and remotely monitored. The SCADA/Communication system will also support real time video surveillance and centralized access control at the major pumping and storage facilities in the system.

SCADA infrastructure for the Tunnel Extension and Low Service Pump Station will be defined by City of Chicago. SCADA for these facilities will not be a part of the GPWC SCADA system.

Discussions related to the location of the communications hub, control center, and primary operator interface for the GPWC are ongoing. The current basis of design for the System-wide SCADA/Communications system can support a location anywhere along the fiber optic cable planned to run between the Chicago Connection Facilities and the ISF2 site in Shorewood.

The function and design of the SCADA/Communications system reflect key principles adopted by the GPWC for the operation of the water transmission system as described below.

- System operations will be controlled from the GPWC control center. Final decisions regarding the location of the control center have not yet been made. For the purpose of this document, it is assumed that office space and control center will be constructed as an addition to a proposed GPWC facility at a location to be determined. The primary operator interface will be at this location.
- The control center will be staffed 24 hours per day, 7 days per week, 365 days per year. Long-term plans for operation of the system will be reviewed periodically by the Commission and may change.
- Secure alternate operator interfaces will be provided at the High Service Pump Station and one other location (to be determined).
- The regional transmission system SCADA network will be a closed system with no direct connection to the control system of any other entity (including Chicago and GPWC Members) or to the internet.

- A separate enterprise/business network will be established for use by GPWC operators and personnel. The enterprise/business network will provide access to records, GPWC materials, and reference information such as operating procedures, manuals, drawings, etc. as well as the internet.
- The GPWC enterprise/business network and SCADA network will use the same communication infrastructure but will be designed and operated as completely independent systems.

10.2 Components

Major components of the System-wide SCADA/Communications system are listed in Table 10-1 and shown in Exhibit 10-1. The Baseline Budget (2.0) costs for the proposed System-wide SCADA and Communications improvements are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

Table 10-1 System-wide SCADA and Communications Components

Component	Description
Control Center	The primary operator interface for the GPWC system and associated communications hardware will be located at a centralized Control Center. The Control Center will also serve as the primary data repository.
Alternate Operator Interface Sites	Alternate operator interface equipment will be installed at the High Service Pump Station and one other location (to be determined). Equipment at these sites will allow for full control and monitoring of the system.
Fiber Optic Cable	Communications between the Control Center, the Suction Well and High Service Pump Station, IPS1/ISF1, ISF2, and potential future pump stations IPS2, IPS3, and IPS4 will be established through the installation of fiber optic cable along the proposed water transmission main route. The cable will be installed in conduit constructed with transmission main improvements that are part of CIP #2, #7, and #6.
Cellular Communications System	Cellular communication hardware and software will be installed to provide primary communication between the Water Delivery Structures and the Control Center, and backup communications between the other GPWC facilities and the Control Center.
Facility SCADA and Communications Hardware	SCADA, fiber optic, and cellular (backup) communications hardware will be installed at the Suction Well and High Service Pump Station, IPS2/ ISF1, ISF2. Equipment will be specified for installation along with the local instrumentation at the site.
Water Delivery Structure SCADA and Communications Hardware	SCADA and cellular communications hardware will be installed at all the Member Water Delivery Structures. Equipment will be specified for installation along with the local instrumentation at each facility.

GENERAL SHEET NOTES

1. PULL POINTS FOR FIBER CABLES PROVIDED EVERY 2,000 FEET ALONG FIBER ROUTE.

SHEET KEYNOTES

A. CELLULAR MODEM FOR BACKUP COMMUNICATION.

B. FIBER TO METERING STRUCTURE SPLICED TO 24~STRAND FIBER TO CREATE CONTINUOUS LOOP FOR BOTH SCADA AND COMMISSION FIBERS.

C. CONNECTION TO THE COMMISSION NETWORK IS FOR REMOTE ACCESS.

D. SEE FIBER SCHEDULE.

E. CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) EQUIPMENT PROVIDED BY CDWM.

F. EXTERIOR BUILDING MOUNTED ANTENNA

G. HARDWIRED SIGNALS AS REQUIRED BY CDWM IN BURIED 3" CONDUIT.



Item 4.

Title

Exhibit 10-1
Conceptual SCADA Network Architecture

Client/Project

City of Joliet Department of Public Utilities
Alternative Water Source Program

Project Location

Will, Cook, Kendall, and Grundy Counties

LEGEND:

FPP

-

FIBER PATCH PANEL

NS

-

MANAGED NETWORK SWITCH

OIT

-

OPERATOR INTERFACE TERMINAL

PAC

-

PROGRAMMABLE AUTOMATION CONTROLLER

CM

-

CELLULAR MODEM

FW

-

FIREWALL

ASA

-

SECURITY APPLIANCE

-

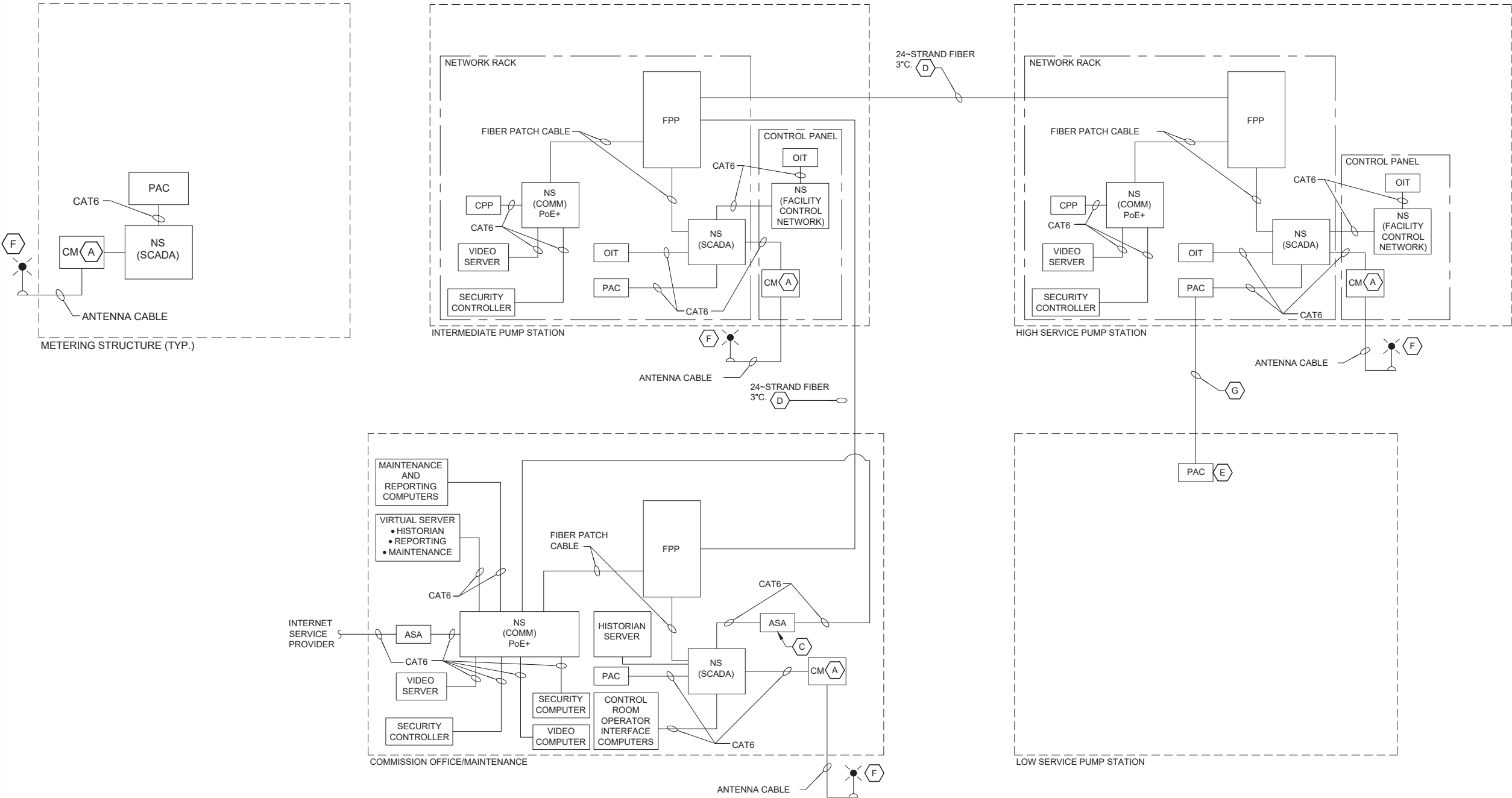
CELLULAR ANTENNA

CPP

-

COPPER PATCH PANEL

SCADA SYSTEM FIBERS		COMMUNICATION SYSTEM FIBERS	
FIBER NO.	DESCRIPTION	FIBER NO.	DESCRIPTION
1	SCADA TX1	13	COMMISSION TX1
2	SCADA RX1	14	COMMISSION RX1
3	SCADA TX2	15	COMMISSION TX2
4	SCADA TX2	16	COMMISSION RX2
5	SPARE	17	SPARE
6	SPARE	18	SPARE
7	SPARE	19	SPARE
8	SPARE	20	SPARE
9	SPARE	21	SPARE
10	SPARE	22	SPARE
11	SPARE	23	SPARE
12	SPARE	24	SPARE



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10.3 Design Flow and Capacity

Not applicable for the System-wide Communications and SCADA infrastructure.

10.4 Operation (Normal / Emergency)

Under normal operating conditions, communications between the GPWC Control Center and the GPWC facilities will be provided by a combination of fiber optic cable and secure cellular connections. A summary of select anticipated data to be communicated via the SCADA system is presented in Table 10-2.

Communication between the Control Center and the Chicago Connection Facilities (Suction Well, High Service Pump Station), IPS1/ISF1, and ISF2 will be provided via the fiber optic cable. In the event of an outage affecting the fiber optic system, backup cellular equipment installed at each facility will serve to maintain secure communications for critical data. The cellular equipment will not provide for transmission of real-time video data. The primary operator interface for system operation and control will be at the Control Center. Alternate operator interfaces will be established at the High Service Pump Station and one other location (to be determined). These alternate control facilities are intended to provide redundancy in the event of an issue affecting the control center and allow operators visiting sites away from the Control Center with the ability to monitor and operate any system elements.

Communication between the Control Center and the Water Delivery Structures will be provided using secure cellular communications equipment. The decision to use cellular communications between the Control Center and the Water Delivery Structures is based on the lesser amount and density of data transfer required for reliable operation of these facilities. Control actions at the Water Delivery Structures are anticipated to consist of the daily communication of a flow setpoint to the control valve at each site. Once the setpoint for the valve is provided, the local control system at each structure will operate to monitor conditions at the site and adjust the valve to maintain the desired flow. Control to the established setpoint will continue until a new setpoint is established, even if there is a temporary outage in the communication with the Control Center.

The current Baseline Budget for the System-wide SCADA/Communications System includes intrusion, equipment, flooding, and power/communications status alarms but does not include the transmission of real-time video data from the Water Delivery Structures to the Control Center at this time.

Table 10-2 Select Anticipated Data Requirements

Facility	Control Parameters	Monitoring Data Points	Security/Alarm Signals
Meter Vault		Flow	Entry/Intrusion Alarm Flooding Alarm
Suction Well		Water Level	Entry/Intrusion Alarm Low Level Alarm Overflow Alarm
High Service Pump Station	Pump Start/Stop Pump Speed Change Valve Setting	Discharge Flow Discharge Pressure Pump Status Valve Position Power Supply Status Generator Status Communication Status Wet Well Water Level	Equipment Alarms Entry/Intrusion Alarm Fire Alarm Flooding Alarm Int Video Monitoring Ext Video Monitoring
Intermediate Pump Station 1/Intermediate Storage Facility 1	Pump Start/Stop Pump Speed Change Valve Setting Chemical Feed On/Off Chemical Feed Rate	Tank Water Level Discharge Flow Discharge Pressure Pump Status Valve Position Chemical Tank Level Water Chemistry Power Supply Status Generator Status Communication Status	Equipment Alarms Entry/Intrusion Alarm Chemical Alarm Fire Alarm Flooding Alarm Int Video Monitoring Ext Video Monitoring
Intermediate Storage Facility 2	Valve Setting	Tank Water Level Valve Position Power Supply Status Communication Status	Equipment Alarms Entry/Intrusion Alarm Int Video Monitoring Ext Video Monitoring
Water Delivery Structures	Valve Setting	Flow Upstream Pressure Downstream Pressure Valve Position Power Supply Status Communication Status	Equipment Alarms Entry/Intrusion Alarm Fire Alarm Flooding Alarm

10.5 Design Criteria

The proposed system will utilize industrial Ethernet switches at each of the major physical facilities (e.g., High Service Pump Station, Intermediate Pump Station, Intermediate Storage Facility) that are connected via single mode fiber optic cable as shown in Exhibit 10-1. A total of 41 miles of fiber optic cable is required to cover the distance between the Chicago Connection Facilities and the ISF2 site.

Communications between the control center and the Water Delivery Structures serving each Member will be via a private cellular network. Nodes on the private cellular network will also be provided at the High Service Pump Station, ISP1/ISF1 and, and ISF2 to serve as a backup means of communication to the fiber network. The availability and reliability of cellular service at all sites will be evaluated during detailed design. Where determined to be necessary, improvements such as antennae will be incorporated to the design to improve cell service at specific sites.

The fiber optic cable will be installed in conduit generally parallel to the GPWC transmission main. Conduit, handholes, and manholes for the fiber optic communication system will be installed as part of the CIP #2, CIP #6, and CIP #7 conveyance work packages as noted in Section 6. Where possible, the conduit will be installed in the same trench as the transmission main. However, in some locations the conduit alignment will diverge from the transmission main to allow for placement of handholes or manholes. As construction of conveyance elements is completed, installation of the fiber optic cable under work package AWSP 05-01 will begin.

The switches and associated equipment will be installed in dedicated racks located in controlled access network rooms. Uninterruptible power supplies will provide power to allow the network equipment to continue to operate for at least 12 hours in the absence of utility power.

CIP #5 includes additional work packages for SCADA Programming and Integration (AWSP 05-02), Video Surveillance (AWSP 05-03), and Security Systems (AWSP 05-04).

11 Commission Office (CIP #10) Basis of Design

11.1 Function and Planning

Discussions related to the size and characteristics of a Commission Office for the GPWC are ongoing. The January 2022 Basis of Design attached to the [Preliminary Agreement Regarding Formation of a Water Commission](#) assumed that the Commission Office would consist of approximately 4,000 square feet of space added on to one of the other Commission facilities. The initial space requirement was based on a conceptual estimate of the area required for the Commission Control Center and limited other office space. Since the office space was assumed to be collocated with another Commission facility, no additional allowances for land acquisition or site improvements costs were included with the budget for this item.

During 2023, Commission Members reviewed options for the planning and development of the Commission Office based on consideration of possible Commission staffing and operational needs, and discussions with staff from other regional water utilities. Figure 11-1 presents a conceptual organization chart developed for the GPWC based on these discussions. While this chart reflects the general output of Member discussions, details such as the final number of supervisors required (one vs. two) remain to be finalized.

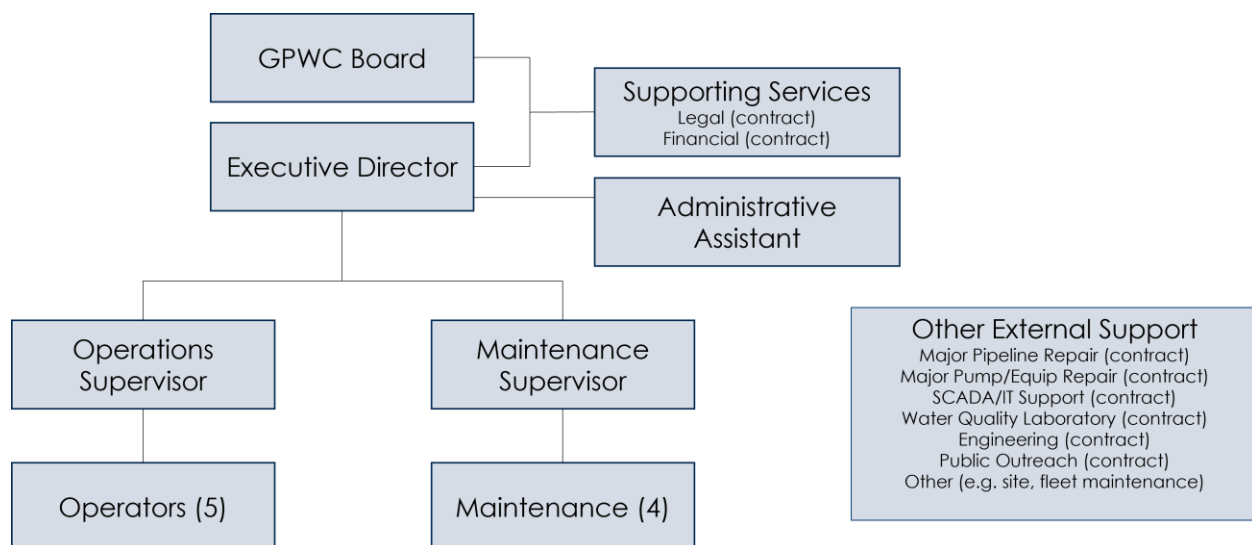


Figure 11-1 Conceptual GPWC Organization Chart

To further support discussions regarding the need for and characteristics of a new Commission Office, a space-needs assessment was performed using the organization chart above as a key input. The assessment identified a range of functions and associated space requirements to be considered in the final planning of the office as listed below.

- Control Center
- Other Secured Areas
 - Director Office
 - Assistant/Receptionist Work Space
 - Supervisor Offices and spare
 - Small Conference Room
 - Copier/Plotter Room, Archives
 - Kitchen/Breakroom
 - Staff Restrooms
 - Janitor Storage
 - Mechanical/Electrical
 - Storage
- Public Space
 - Lobby/Vestibule
 - Meeting Room
 - Conference Room
 - Restrooms
- Commission Garage
 - Vehicle Storage
 - Staff Restrooms/Lockers
 - Shop/Maintenance Space
 - Janitor, Mechanical/Electrical, Storage

The space-needs analysis determined that providing space for all the functions listed above would require more than double the area assumed in the 2022 Basis of Design. Given this finding, Commission Members are continuing discussions regarding plans for the Commission Office. Pending a decision, it is assumed that office space and control center will be constructed as an addition to a proposed GPWC facility at a location to be determined. This is consistent with the assumptions and budgetary costs included in the 2022 Basis of Design.

The Baseline Budget (2.0) costs for the proposed CIP # improvements are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

12 Commissioning and Start-up Strategy

12.1 Function

Commissioning and Start-up is an integral element of overall Program implementation. As the infrastructure associated with each work package is completed, it will need to be inspected and tested to confirm that it has been constructed in accordance with the design plans and specifications, and that it can operate as intended. However, in some cases, construction of individual infrastructure elements will be completed some months or potentially years before all the other elements of the GPWC system are complete. Therefore, the Program must also provide for maintenance of infrastructure completed early in the overall schedule, and eventual commissioning and start-up of the overall system. System-wide commissioning and start-up includes the full range of testing, commissioning, start-up, training, and documentation activities needed to establish the overall GPWC system as fully operational and able to deliver water from Chicago to the Member Water Delivery Structures.

The current GPWC strategy for Commissioning and Start-up will involve the coordinated efforts of the Program Construction Management Team (led by the City of Joliet as defined in the Program Management Agreement with the Commission), the construction contractors responsible for delivery of individual construction contracts, and a System-wide Commissioning and Start-up Contractor (CSU Contractor).

12.2 Components

The overall Commissioning and Start-up strategy for the GPWC system is anticipated to include three specific phases as described below.

12.2.1 Work Package Level Testing and Acceptance

With the exception of the CIP 1 Chicago Connection Facilities, the infrastructure associated with each of the individual work packages that make up the overall Alternative Water Source Program is anticipated to be constructed under its own construction contract. The bidding documents for each construction contract will include specific requirements for inspection, testing, and eventual acceptance of the work covered by the contract. Completion of the construction and the inspection, testing, and acceptance activities by the construction contractor will be required to meet substantial and final completion milestones for the work and close out each individual contract. The Program Construction Management Team will be responsible for confirming that the requirements for construction and the inspection, testing, and acceptance are completed in accordance with the contract documents. The CSU Contractor will also be engaged during this process to confirm that the required activities are completed in a manner consistent with the overall plan for infrastructure maintenance and eventual system-wide commissioning.

12.2.2 Infrastructure Maintenance

Once infrastructure associated with a specific work package has been constructed and accepted by both the GPWC and the CSU Contractor, the CSU Contractor will take on responsibility for maintenance of the infrastructure required to have it ready for system-wide commissioning and start-up. The intent of this phase of the work is to confirm that infrastructure completed early in the Program schedule remains in appropriate condition until it is time to be brought-on line.

12.2.3 System-wide Commissioning and Start-up

System-wide commissioning and start-up of the overall GPWC water transmission system is projected to begin in mid-2029 as construction of the majority of the infrastructure work packages is completed. It is anticipated that this work will be led by the CSU Contractor with oversight by the Construction Management Team. Between mid-2029 and the end of 2029, commissioning and start-up activities will likely focus on preparation of the physical and communications/control infrastructure for full integration, testing, and commissioning. Where water is required for testing of individual or groups of elements, provisions will have to be made for the use of temporary sources as the City of Chicago is not required to begin supplying water to the GPWC for testing until January 1, 2030.

Beginning after January 1, 2030, the CSU Contractor will transition commissioning and start-up activities toward sequential testing, start-up, and commissioning of portions of the GPWC system using water supplied by Chicago through its new tunnel connection.

Individual GPWC Members will have primary responsibility for commissioning and start-up of their local distribution systems, including implementation of approved source water transfer plans.

Costs related to system-wide commissioning and start-up including initial development of an overall commissioning and start-up plan, preparation of procurement documents for solicitation of proposals and selection of a CSU Contractor, and delivery of CSU services by the selected contractor are summarized in Section 13 Baseline Program Schedule, Budget, and Financials.

Costs for services related to inspection, testing, and acceptance of individual work packages by the Construction Management Team and individual construction contractors are included in other elements of the Baseline Budget.

13 Baseline Program Schedule, Budget, and Financial Strategy

13.1 Program Baseline Overview

Effective management of a major capital program requires the development and maintenance of a Program Baseline. The Program Baseline establishes expectations for overall delivery and provides metrics against which progress toward completion can be monitored. Variances between actual or forecast performance and the baseline serve as indications that adjustments in the approach to Program delivery may be warranted. The Alternative Water Source Program Baseline includes a Baseline Program Schedule and a Baseline Program Budget. The Baseline Schedule and Budget also serve as important inputs to the overall strategy for funding of the Program.

Schedule and budget data presented in this document reflect Baseline Schedule and Budget 2.0 adopted in May 2024. The Baseline Program Schedule and Budget will be reviewed, and if necessary, adjusted annually to reflect changes encountered during Program delivery.

13.2 Baseline Program Schedule

The Baseline Schedule for the Alternative Water Source Program defines the sequence, duration, and dependencies of the tasks and activities that must be performed to complete the Program including both programmatic tasks and tasks associated with the design and construction of individual work packages. Exhibit 1-1 (presented in the first section of this document) shows a summary of the current Baseline Schedule (Baseline Schedule 2.0) for delivery of the AWSP organized by construction work packages. Exhibit 1-1 also shows the planned progression of tasks related to each work package from planning through preliminary and final design to bidding, substantial completion, and construction.

While Exhibit 1-1 provides a relatively simple overview of the Baseline Schedule, each element shown represents a large number of interdependent tasks and activities that make up the detail of the schedule. In total, the current Baseline Schedule contains more than 2700 individual activities associated with specific program level tasks or construction work packages that are linked by logical connections. The use of this structured approach to scheduling allows for tracking of actual progress against the Baseline Schedule at a detailed level and supports analysis of the impacts of actual or potential changes that occur as the Program progresses. Differences between milestone dates shown in the Baseline Schedule and actual or forecast milestone dates are tracked as variances against the Baseline.

The current Baseline Schedule reflects an intensive focus on design-related activities for all work packages through 2024 and 2025. Construction activities are forecast to begin in the second half of 2024 with the start of construction for the Tunnel Extension (AWSP-01-01). Construction activities related to other work packages are planned to start in 2025, 2026, and 2027. Major infrastructure construction activities are planned to be substantially complete by mid-2029 to allow for the start of system-wide commissioning and start-up. Commissioning and start-up activities during the second half of 2029 will focus on individual components or groups of components in the transmission system, as the GPWC will not have access to Chicago water through the Tunnel Connection until January 1, 2030. Once water is available through the Tunnel Connection, system-wide commissioning and start-up will proceed. The current Baseline Program schedule illustrates how activities related to the various work packages are planned to enable the Commission to be ready to supply Lake Michigan water to the Member Water Delivery Structures by May 2030.

13.3 Baseline Program Budget

The Baseline Program Budget for the Alternative Water Source Program is the total projected cost of the Program in actual dollars at its completion. It includes all costs associated with design, construction, and financing issuance of all Commission-owned infrastructure.

The Baseline Program Budget is built upon the Baseline Program Schedule so that the time value of money is accurately reflected in the budgeting process. All costs associated with delivery of the Program are estimated and then assigned to the tasks and activities in the Program Schedule through a process called "cost-loading". Cost loading of the schedule allows for the dynamic consideration of the impacts of schedule changes and cost escalation on projected Program costs. Once costs have been loaded into the schedule, a projection of expenditures required over time to fund Program delivery can be generated. Baseline Budget (2.0) assumes a consistent 4.0% per year escalation in capital costs through completion of the AWSP in 2030.

Unknowns and uncertainty related to the final schedule and costs that will be associated with Program delivery must also be considered in the development of the Baseline Program Budget. For the Alternative Water Source Program, a cost and schedule risk analysis (CSRA) process has been adopted to provide guidance as to the potential impacts that various factors could potentially have on the time or money required to complete the Program. In the CSRA, factors that could potentially impact the schedule or cost of the Program are identified and characterized in terms of their likelihood and potential impacts. These factors are then assigned to specific tasks or activities in the Program schedule and evaluated through a probabilistic analysis to provide forecasts of potential impacts to schedule and/or cost.

The output from the CSRA serves two primary purposes. First, it provides the Program Team with insights as to the factors that could potentially have the greatest impact on the Program. This information is used to formulate potential actions or strategies that can be implemented to reduce the likelihood and/or consequence of these critical conditions. Secondly, the output from the CSRA is used to inform decisions regarding the need for and size of a management reserve to be included in the Baseline Program Budget. The management reserve is controlled by the Commission and can be used where appropriate to offset unanticipated changes to the Program Budget. Baseline Budget (2.0) includes a management reserve of approximately \$53 million.

Figure 13-1 illustrates the general process used to formulate the Baseline Program Budget for the Alternative Water Source Program. Table 13-1 shows a summary breakdown of the components that make up the Baseline Program Budget and the total Baseline Budget amount. Detailed breakdowns of budget components organized by Program CIP and work package are presented in Tables 13-3 through 13-10.

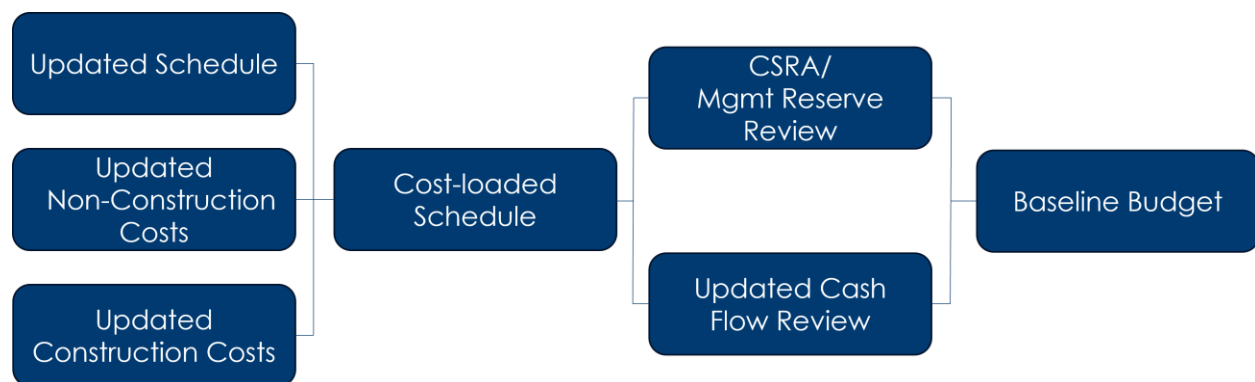


Figure 13-1 Baseline Program Budget Development Process

As shown in Table 13-2, AWSP costs included in the Baseline Program Budget are split into development costs (non-construction) and construction costs. In February 2021, the City of Joliet began to expend funds for AWSP development including engineering, land acquisition, permitting, legal, and financial (advisory and financing) costs incurred for the Program and GPWC formation. The GPWC will recognize these development costs as a direct capital contribution by Joliet as costs are allocated to the Commission Members. Details of the arrangements for sharing of Program costs between the Members are defined in detail in the Water Supply Agreement between the GPWC and its Members.

It is important to note that the Baseline Program Budget includes only those costs that are the responsibility of the GPWC. Costs for construction of improvements that will be owned by the City of Chicago will be paid by the City of Chicago and are not included in the total shown in Table 13-1.

Table 13-1 Baseline Program Budget 2.0

Baseline Program Budget Uses	Baseline Program Budget Amount
Construction Costs GPWC Construction (including Contingencies) Utility Relocation Costs	\$1,173,404,311
Non-Construction Costs Program Management/Engineering Design Legal/Advocacy Financial (including issuance costs) Engineering during Construction/Construction Mgmt Land Acquisition Independent Review	\$218,814,430
Management Reserve	\$53,898,393
Baseline Program Budget	\$1,446,117,135

Table 13-2 Baseline Program Budget - Uses and Financing Sources

	Construction Costs (GPWC Finances)	Development/ Non-Construction Costs (Joliet Finances)	Total
Primary Capital Costs: Costs shared based on Declared 2050 Maximum Day Demand	\$1,145,965,015	\$267,480,290	\$1,413,445,305
Non-Primary Capital Costs: Costs assigned based on non-primary connection requirements	\$27,439,296	\$5,232,533	\$32,671,829
Total	\$1,173,404,311	\$272,712,823	\$1,446,117,135

13.4 Alternative Water Source Program Funding Strategy

A comprehensive strategy for funding of anticipated team costs is essential to the successful completion of the Alternative Water Source Program. Early in the process of developing the Program it was determined that a combination of several different mechanisms could be used to effectively fund the required expenditures and manage financing and interest costs so as to limit the overall burden on Member communities and their water customers. The funding strategy adopted for the AWSP includes the use of the following primary sources:

- Water Infrastructure Finance and Innovation Act (WIFIA) low interest loans – Assumed terms: 4% interest, up to 35 years to maturity
- Drinking Water State Revolving Fund Loan Program (SRF) – Assumed terms: 2% interest, up to 30 years to maturity
- Revenue Bonds: 4.5% interest, up to 30 years to maturity

The Program Team is also working to track and pursue opportunities for external funding of elements of the Program including federal funds designated for specific projects (earmarks), targeted grant funding, and potential funding associated with major infrastructure funding programs.

13.4.1 Funding for AWSP Development Costs

The City of Joliet is currently funding development (non-construction) costs for the Alternative Water Source Program through a combination of cash-on-hand, short-term borrowing (Bond Anticipation Note), WIFIA low interest loan funds, and grant funds. Joliet intends to continue using these mechanisms to fund development costs through the completion of design and provision of construction management and engineering services during construction. As noted previously and provided in the WSA, Joliet's expenditures on behalf of the Commission will be treated as an initial capital contribution in the analysis and allocation of debt service costs among the GPWC Members.

13.4.2 Funding for AWSP Construction Costs

The current strategy for funding of the construction costs associated with implementation of the AWSP reflects consideration of the required timing for construction funding and the terms associated with the various sources of funds to be used. Under the current strategy, the GPWC expects to execute a WIFIA loan with the USEPA in 2024 for Program-related construction activities. However, since no interest is accrued on the credit available through the WIFIA loan until draws are made, and then only on the amount that is drawn, the current strategy is to defer any draws from WIFIA until the first half of 2026. In addition to deferring accrual of interest for the WIFIA loan, this approach allows the GPWC to keep open the option of resetting the WIFIA loan rate if interest rates drop between 2024 and 2026.

The Commission intends to make efforts to maximize the use of SRF loans for funding AWSP construction projects. Compared to other assumed sources, SRF loan interest rates are presently below market rates and provide a lower cost of capital. The baseline funding strategy assumes SRF funding will be applied to specific work packages and that applications for SRF loans will be submitted in calendar years 2025, 2026 and 2027 in the hopes of securing funding from IEPA either through being included on the intended use plan or through the use of bypass funds⁶.

While the Commission is positioning for SRF, a revenue bond issue in 2025 is anticipated to be required to provide the Commission with funding for early construction activities. The SRF and WIFIA loans are reimbursement programs. The Commission must incur costs and submit invoices to the IEPA and U.S. EPA WIFIA team for reimbursement. Having the bond proceeds in place provides adequate funds to pay early invoices.

It has been assumed that once the initial revenue bond and SRF loans have been depleted, the Commission will begin drawing on the WIFIA loan during the third quarter of 2026. WIFIA and SRF loans are anticipated to be used to fund construction costs during 2026, 2027 and the first quarter of 2028. During the second quarter of 2028, a large revenue bond is anticipated to be issued to cover the remaining construction costs.

Member payments to the GPWC are anticipated to begin in early 2025 to prepare for initial payments associated with the 2025 bond issue, fund debt service, and begin building up the needed debt service reserve. The Baseline Program Budget will be reviewed and “re-baselined” annually as part of the overall management process for the Program. Updated projections of monthly Member cost obligations are planned to be generated and distributed in September of each year to facilitate budget planning by the Members.

This blend of funding sources described is projected to provide the GPWC with an attractive overall weighted cost of capital for the Program as well as flexibility in the sculpting of debt repayment. Financial modeling of funding scenarios will continue as details related to overall Program requirements and costs are further defined so that the overall funding strategy maximizes the value and benefits of the available funding sources.

⁶ If IEPA SRF money reserved for projects on the Intended Funding List (IFL) is not used by December 31st, it may become available for other projects that are ready to proceed. During the bypass period (between January 1 and June 30), loan applicants that were not on the IFL can obtain an IEPA SRF loan. [IEPA Funding Cycle and Availability Explanation.](#)

Table 13-3 Baseline Program Budget – CIP #1 Chicago Connection Facilities

Category	AWSP 01-01	AWSP 01-02	AWSP 01-03	Total CIP #1
Engineering / Design	\$1,685,446	\$1,560,750	\$2,703,588	\$5,949,785
Eng Services During Construction/Constr Mgmt	\$1,907,531	\$2,162,962	\$6,813,845	\$11,342,861
Land/ROW/Easement Acquisition	\$0	\$1,862,617	\$979,700	\$2,842,317
Construction ⁽¹⁾	\$27,528,506	\$35,423,927	\$95,943,946	\$158,896,379
Total	\$31,121,483	\$41,468,779	\$106,441,079	\$179,031,341
Costs to be paid by Chicago	\$25,553,506	\$0	\$41,691,932	\$67,245,438
Costs to be paid by GPWC	\$5,567,977	\$41,468,779	\$64,749,147	\$111,785,903

(1) Preconstruction costs for CMAR Contractor included in construction total for AWSP 01-01

Table 13-4 Baseline Program Budget – CIP #2/#6/#7 Conveyance Improvements

Category	AWSP 02-01	AWSP 02-02	AWSP 02-03	AWSP 02-04	AWSP 02-05	AWSP 02-06	AWSP 06-01	AWSP 06-02	AWSP 06-03	AWSP 06-04	AWSP 06-05	AWSP 07-01	AWSP 07-02	Total Conveyance
Engineering / Design	\$4,179,117	\$3,609,815	\$4,034,246	\$3,284,561	\$3,102,228	\$3,779,894	\$2,212,817	\$3,585,435	\$3,908,104	\$2,768,606	\$2,857,729	\$1,061,539	\$2,397,750	\$40,781,842
Eng Services During Construction/Constr Mgmt	\$7,253,605	\$6,532,120	\$8,975,937	\$8,638,061	\$8,520,217	\$4,880,704	\$2,427,819	\$2,740,178	\$4,354,348	\$3,837,265	\$3,251,894	\$2,775,790	\$3,637,785	\$67,825,722
Land/ROW/Easement Acquisition	\$176,174	\$529,534	\$1,434,222	\$716,195	\$178,183	\$177,704	\$26,945	\$27,016	\$53,706	\$459,507	\$648,390	\$279,249	\$274,166	\$4,980,991
Construction	\$103,503,826	\$93,646,682	\$132,371,237	\$127,081,854	\$122,987,879	\$69,273,811	\$35,039,351	\$39,507,923	\$62,551,716	\$56,056,222	\$48,547,444	\$39,094,616	\$52,417,940	\$982,080,501
Total	\$115,112,721	\$104,318,151	\$146,815,641	\$139,720,671	\$134,788,508	\$78,112,113	\$39,706,932	\$45,860,552	\$70,867,872	\$63,121,601	\$55,305,457	\$43,211,194	\$58,727,642	\$1,095,669,056
Primary Capital Costs	\$115,112,721	\$104,318,151	\$146,815,641	\$139,720,671	\$134,788,508	\$78,112,113	\$33,333,604	\$36,596,365	\$70,867,872	\$63,121,601	\$54,435,570	\$43,211,194	\$58,727,642	\$1,079,161,655
Non-Primary Capital Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$6,373,328	\$9,264,187	\$0	\$0	\$869,886	\$0	\$0	\$16,507,400

Table 13-5 Baseline Program Budget – CIP #3 Intermediate Pump Station 1 / Storage Facility 1

Category	AWSP 03-01
Engineering / Design	\$1,908,691
Eng Services During Construction/Constr Mgmt	\$3,040,887
Land/ROW/Easement Acquisition	\$2,207,004
Construction	\$42,914,801
Total	\$50,071,382

Table 13-6 Baseline Program Budget – CIP #4 Intermediate Storage Facility 2

Category	AWSP 04-01
Engineering / Design	\$1,111,369
Eng Services During Construction/Constr Mgmt	\$923,816
Land/ROW/Easement Acquisition	\$515,408
Construction	\$13,458,628
Total	\$16,009,221

Table 13-7 Baseline Program Budget – CIP #6 Water Delivery Structures

Category	AWSP 06-06	AWSP 06-07	AWSP 06-08	AWSP 06-09	Total Delivery Structures
Engineering / Design	\$770,335	\$545,063	\$729,885	\$744,833	\$2,790,116
Eng Services During Construction/Constr Mgmt	\$363,247	\$352,463	\$678,080	\$493,647	\$1,887,437
Land/ROW/Easement Acquisition	\$0	\$0	\$0	\$0	\$0
Construction	\$4,264,707	\$4,774,210	\$9,058,138	\$7,000,258	\$25,097,313
Total	\$5,398,289	\$5,671,736	\$10,466,102	\$8,238,738	\$29,774,865
Primary Capital Costs	\$4,275,483	\$1,300,495	\$5,106,575	\$2,927,884	\$13,610,436
Non-Primary Capital Costs	\$1,122,806	\$4,371,241	\$5,359,527	\$5,310,854	\$16,164,429

Table 13-8 Baseline Program Budget – CIP #5 System-wide SCADA/Communications

Category	AWSP 05-01	AWSP 05-02	AWSP 05-03	AWSP 05-04	Total CIP #5
Engineering / Design	\$265,406	\$277,681	\$171,449	\$171,465	\$886,002
Eng Services During Construction/Constr Mgmt	\$858,986	\$27,145	\$73,216	\$41,262	\$1,000,609
Land/ROW/Easement Acquisition	\$0	\$0	\$0	\$0	\$0
Construction	\$12,804,905	\$400,708	\$1,096,808	\$618,115	\$14,920,535
Total	\$13,929,297	\$705,534	\$1,341,474	\$830,842	\$16,807,146

Table 13-9 Baseline Program Budget – CIP #10 Commission Office

Category	CIP #10
Engineering / Design	\$100,000
Eng Services During Construction/Constr Mgmt	\$111,573
Land/ROW/Easement Acquisition	\$523,298
Construction	\$1,639,858
Total	\$2,374,729

Table 13-10 Baseline Program Budget – CIP #11 System-wide Commissioning and Start-up

Category	CIP #11
Engineering / Design	\$260,906
Eng Services During Construction/Constr Mgmt	\$394,067
Land/ROW/Easement Acquisition	\$0
Construction	\$1,641,735
Total	\$2,296,708



Agenda Memo

Crest Hill, IL

Meeting Date:	June 17, 2024
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	Resolution approving an Agreement for Circle and Green Water Main Replacement and Road Reconstruction Improvement by and Between the City of Crest Hill, Will County, Illinois and Austin Tyler Construction, Inc. for an amount of \$1,582,230.63.

Summary: Attached is the construction agreement for the Circle and Green Water Main Replacement and Road Reconstruction Improvement, which was awarded to Austin Tyler Construction, Inc. at the May 20, 2024 council meeting.

Recommended Council Action:

Resolution approving an Agreement for Circle and Green Water Main Replacement and Road Reconstruction Improvement by and Between the City of Crest Hill, Will County, Illinois and Austin Tyler Construction, Inc. for an amount of \$1,582,230.63.

Financial Impact:

Funding Source: Water Fund

Budgeted Amount: \$2,600,000.00

Cost: 1,700,437.63

Attachments:

Circle-Green-Austin Typer Resolution

Contract Agreement_Circle & Green WM Improvement_Contractor Signed

COI

RESOLUTION NO. _____

A RESOLUTION APPROVING A CONSTRUCTION AGREEMENT FOR CIRCLE AND GREEN STREET WATER MAIN REPLACEMENT AND ROAD RECONSTRUCTION IMPROVEMENT BY AND BETWEEN THE CITY OF CREST HILL, WILL COUNTY, ILLINOIS AND AUSTIN TYLER CONSTRUCTION CO.

WHEREAS, the Corporate Authorities of the City of Crest Hill, Will County, Illinois, have the authority to adopt resolutions and to promulgate rules and regulations that pertain to the City's government and affairs and protect the public health and, safety, and welfare of its citizens; and

WHEREAS, pursuant to Section 2-2-12 of the Illinois Municipal Code (65 ILCS 5/2-2-12), the City Council possesses the authority to enter into contracts that serve the legitimate corporate purposes of the City; and

WHEREAS, Austin Tyler Construction Inc. (the "COMPANY"), is an entity that is in the business of providing Construction Services, for the Circle and Green Street Water Main Replacement and Road Reconstruction Improvement (the "Services"); and

WHEREAS, the City Council desires to engage the Company to provide the Services and the Company is ready, willing to perform the Services for the City; and

WHEREAS, City Staff have negotiated an AGREEMENT FOR Circle and Green Street Water Main Replacement and Road Reconstruction Improvement (the "Agreement") with the Company for the purposes of engaging the Company to perform the Construction Services (a copy of the Agreement is attached hereto as Exhibit A and fully incorporated herein); and

WHEREAS, the Staff and City Council has reviewed the Agreement and determined that the conditions, terms, and provisions of the Agreement are fair, reasonable, and acceptable to the City; and

WHEREAS, the City Council has determined that it is in the best interest of the City and its citizens to enter into the Agreement with the Company.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Crest Hill, Illinois, pursuant to its statutory authority, as follows:

SECTION 1: PREAMBLE. The City Council hereby finds that all of the recitals contained in the parable to this Resolution are true, correct and complete and are hereby incorporated by reference hereto and made part hereof.

SECTION 2: AGREEMENT APPROVED. The City Council hereby finds and declares that the conditions, terms, and provisions of this Agreement (Exhibit A) in the amount of \$1,582,230.63 are fair, reasonable, and acceptable to the City and that the same is hereby approved in form and

substance. Therefore, the City Council hereby authorizes and directs the Mayor to execute and deliver, and the Clerk to attest, the Agreement, and further to take any and all other actions, including without limitation the execution and delivery of any and all documents, necessary and appropriate to effectuate the intent of this Resolution, which is to enter into the Agreement with the Company.

SECTION 3: SEVERABILITY. If any section, paragraph, clause or provisions of this Resolution is held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any other provision of this Resolution.

SECTION 4: REPEALER. All ordinances, resolutions or orders, or parts thereof, which conflict with the provisions of this Resolution, are to the extent of such conflict hereby repealed.

SECTION 5: EFFECTIVE DATE. This Resolution shall be in full force and effect immediately upon its passage and publication according to law.

[Intentionally Blank]

PASSED THISXX DAY JUNE, 2024.

	Aye	Nay	Absent	Abstain
Alderman Scott Dyke	_____	_____	_____	_____
Alderwoman Claudia Gazal	_____	_____	_____	_____
Alderman Darrell Jefferson	_____	_____	_____	_____
Alderperson Tina Oberlin	_____	_____	_____	_____
Alderman Mark Cipiti	_____	_____	_____	_____
Alderman Nate Albert	_____	_____	_____	_____
Alderman Joe Kubal	_____	_____	_____	_____
Mayor Raymond R. Soliman	_____	_____	_____	_____

APPROVED THIS XX DAY OF JUNE 2024.

Raymond R. Soliman, Mayor

ATTEST:

Christine Vershay-Hall, City Clerk

EXHIBIT A

CITY OF CREST HILL
CIRCLE STREET AND GREEN STREET
WATER MAIN IMPROVEMENT PROJECT



AGREEMENT BETWEEN THE CITY OF CREST HILL AND “CONTRACTOR”

THIS AGREEMENT (“Agreement”) is made and entered into by and between the City of Crest Hill (“City”) and Austin Tyler Construction Incorporated (“Contractor”) on this, the 4th day of June, 2024. The City and the Contractor may be referred to individually as a “Party” or collectively as the “Parties,” where appropriate.

1. The Contract Documents, in order of priority, shall consist of the following:

- i. This Agreement
- ii. Addenda number 1, inclusive.
- iii. Contract Special Provisions bearing the title “Special Provisions for Circle Street and Green Street Water Main Improvement Project.”
- iv. BDE Special Provisions for the April 25, 2024, Letting.
- v. All Contract Drawings and Construction Details included with the notice to bidders, invitation to bid, and bidding instructions for the Circle Street and Green Street Water Main Improvement Project.
- vi. City of Crest Hill Division 100 bearing the title General Requirements and Covenants
- vii. Performance and Payment Bonds.
- viii. Contractor’s Bid and Proposal.
- ix. All documentation submitted by Contractor prior to notice of Award.
- x. Notice to bidders, invitation to bid, and bidding instructions for the Circle Street and Green Street Water Main Improvement Project.
- xi. Notice of Award.
- xii. Notice to Proceed.

The documents listed in this Paragraph 1, above, are not attached to this Agreement (except as expressly noted otherwise above) but are incorporated herein by reference. The Contract Documents (as set forth above) may only be amended, modified, or supplemented as provided in the City of Crest Hill Division 100 bearing the title General Requirements and Covenants. To the extent any provisions of any of the Contract Documents conflict with this Agreement, the provisions that are most beneficial to the City shall control. In the event that the Contractor believes such a conflict exists, the Contractor shall, as soon as practicable, request clarification from the City.

2. THE WORK

The Contractor shall fully execute the Work, as described and set out in the Contract Documents in a good and workmanlike manner.

3. DATES OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

The Contractor shall commence the work within fifteen (15) days after the date set forth in the Notice to Proceed issued by the City in connection with this Agreement (the "Commencement Date"). The Contractor shall achieve substantial completion of the entire Work:

_____ Within _____ days after the Commencement Date.

X On or before October 25, 2024.

After the date of substantial completion, the Contractor shall have an additional 5 working days to complete all clean-up and punch-list items.

The Contractor shall not be entitled to payment or compensation for any alleged damages, costs, or expenses whatsoever that arise in connection with the Contractor ensuring timely completion of the Work, regardless of the source or cause of such alleged damages, costs, or expenses and regardless of whether said source or cause was reasonable, foreseeable, or avoidable. In the event that the Contractor believes that it will suffer damages or incur additional costs, including but not limited to any costs of acceleration, or expenses and the source or cause of such damages, costs, or expenses was an act of the City or an act of God, the Contractor's only recourse and remedy shall be to request an extension of the time for substantial completion, which the City may agree, but is not obligated, to grant in its sole discretion.

4. LIQUIDATED DAMAGES

The City and the Contractor agree that any breach of this agreement by the Contractor that results in the delay of the project will cause the City to be damaged in a manner and amount that is uncertain and difficult to ascertain. In light of this agreement, the City and Contractor further agree that, in the event that the Contractor breaches any provision of this Agreement and such breach results in any delay of the project, the Contractor shall pay the City liquidated damages in the amounts set forth in the Contract Documents. The Parties agree and affirm that, while actual damages may be difficult to prove because of an unexpected breach of this Agreement, and delay of the project, by the Contractor, the liquidated damages set forth in the Contract Documents are reasonable as of the time this Agreement is executed. Further, the Parties agree and affirm that said damages bear a rational relation and connection to the damages that are reasonably foreseeable to be sustained by the City as a result of Contractor's unexpected breach of this Agreement. Accordingly, it is the express intent of the Parties, as evidenced by their respective execution of this Agreement, to hereby settle any claims of damages that might arise as a result of Contractor's breach of this Agreement, to the extent that such breach causes any actual delay of the project.

5. CONTRACT SUM

The City shall pay the Contractor for the performance of the Work in the manner and at the rate bid and accepted by the City as shown on the Contractor's Bid Proposal Form and the City's Notice of Award.

6. PROGRESS PAYMENTS

- (a) The Contractor shall file progress payment requests on a monthly basis, and the City shall make payments to the Contractor as provided below and elsewhere in the Contract Documents.
- (b) The period covered by each period payment request shall be one calendar month ending on the last day of the month.
- (c) Upon receipt of any progress payment request, the City shall review and respond to the request within Sixty (60) days after receipt by either paying the Contractor the sums requested or else by withholding payment of all or part of said sums and notifying the Contractor in writing of the reasons for such withholding.
- (d) Progress payments shall be computed as follows:
 - (i) The amount of each progress payment shall include:
 - (1) That portion of the Contract Sum properly allocable to labor, materials, and equipment used for completed and approved Work during the time period being billed.
 - (ii) The amount of each progress payment shall then be reduced by:
 - (1) The aggregate of any amounts previously paid by the City; and
 - (2) The amount, if any, for Work that remains uncorrected and for which the City previously withheld payment or part thereof; and
 - (3) For Work performed or defects discovered since the last payment application, any amount for which the City may withhold payment as set forth in the Contract Documents; and
 - (4) Retainage, as set forth herein.
- (e) In order to be valid, each request for payment shall include or be accompanied by the following:
 - (i) A sworn statement showing the amount presently due to the Contractor (supported by detailed timecards and invoices for materials the amount previously paid), the sum of all amounts previously paid to the Contractor, and the total amount remaining to be paid to Contractor under the Contract.
 - (ii) A list of all subcontractors, suppliers, and materialmen, if any, who have been engaged to perform work in connection with the Project, which list shall be sworn

and shall show the sum of all amounts previously paid, presently due, and remaining to be paid to each subcontractor, supplier, and/or materialman.

- (iii) A sworn lien waiver, signed by the Contractor or its authorized representative, that fully and satisfactorily waives any and all lien rights that the Contractor may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment and all amounts previously paid or retained during the course of the Contract.
- (iv) Sworn lien waivers signed by each subcontractor, supplier, and/or materialman on whose behalf the Contractor is applying for payment in any amount whatsoever, that fully and satisfactorily waives any and all lien rights that such subcontractor, supplier, and/or materialman may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment to said subcontractor, supplier, and/or materialman and all amounts previously paid or retained during the course of the Contract for the purpose of paying said subcontractor, supplier, and/or materialman.

7. REDUCTIONS IN PAYMENT BY CITY (CITY'S RIGHT TO SETOFF)

- (a) The Parties hereby agree that the City is entitled to impose a set-off against payment based on any of the following:
 - (i) Claims have been made against the City on account of the Contractor's conduct in the performance or furnishing of the Work, or the City has incurred costs, losses, or damages on account of the Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement; or
 - (ii) The Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site; or
 - (iii) The Contractor has failed to provide and maintain required bonds or insurance; or
 - (iv) The City has been required to remove or remediate a hazardous environmental condition for which the Contractor is responsible; or
 - (v) The City has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities; or
 - (vi) The Work is defective, requiring correction or replacement; or
 - (vii) The City has been required to correct defective Work at its own cost; or
 - (viii) The Contract Sum has been reduced by change orders; or
 - (ix) An event that would constitute justify the City to terminate this Agreement for cause has occurred; or

- (x) Liquidated damages have accrued as a result of the Contractor's failure to timely achieve Substantial Completion or final completion of the Work; or
 - (xi) Liens have been filed in connection with the Work, except where the Contractor has delivered a specific bond satisfactory to the City to secure the satisfaction and discharge of such Liens; or
 - (xii) There are other items entitling the City to a set off.
- (b) If the City imposes any set-off against payment the City will give the Contractor immediate written notice stating the reasons for such action and the specific amount of the reduction and shall promptly pay the Contractor any amount remaining after deduction of the amount so withheld. The City shall promptly pay the Contractor the amount so withheld, or any adjustment thereto agreed to by the City and the Contractor, if the Contractor remedies the reasons for such action. The reduction imposed shall be binding on the Contractor unless it duly submits a change proposal contesting the reduction.
- (c) Upon a subsequent determination that the City's refusal of payment was not justified, the amount wrongfully withheld shall be promptly paid, along with 5% interest per annum.

8. RETAINAGE

Retainage will be held based on Public Act 103-0570. 10% will be held up to 50% completion of the project. When more than 50% of the contract is completed, 5% retainage will be held.

9. FINAL PAYMENT

- (a) Subject to all requirements and provisions of this Agreement, including but not limited to the City's right to setoff its obligations to the Contractor (see Section 7, above), and the Contract Documents, final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the City to the Contractor when the Contractor has fully performed the Work and all other obligations under the Contract Documents other than those obligations related to the Contractor's responsibility (1) to correct deficient or unacceptable Work as provided in the Contract Documents, and (2) to satisfy other requirements, if any, which extend beyond final payment.
- (b) Upon receiving a request for final payment under the Contract, the City shall pay the balance of the contract sum within thirty (30) days of completion of punch list items by the Contractor and sign-off and approval by the City. Notwithstanding the forgoing, the City may avail itself of any longer timelines applicable to a payment as available under the Illinois Local Government Prompt Payment (Act 50 ILCS 505/1 *et seq.*), the provisions of which Act shall apply to this Contract. **THE LAW REQUIRES THAT THE CONTRACTOR SHALL SUBMIT A SWORN STATEMENT OF PERSONS FURNISHING MATERIALS AND LABOR BEFORE ANY PAYMENTS ARE REQUIRED TO BE MADE TO THE CONTRACTOR (770 ILCS 60/5).**

10. INSURANCE

- (a) **General Insurance Requirements.**

The Contractor shall fully comply with all requirements set forth in Section 7-2 of the Division 100, General Requirements and Covenants (Insurance Requirements), along with any and all other insurance requirements set out in the Contract Documents.

(b) Other Insurance Requirements

The Contractor shall deliver to the City prior to commencing Work, certificates of insurance (ACORD Form 27 or other form acceptable to the City) evidencing the required insurance coverage of Contractor and each Subcontractor. The certificates required to be provided under this Paragraph shall contain clauses and/or provisions stating (i) that the policies will not be canceled or reduced without thirty (30) days prior notice to and the written consent of the City, and (ii) that the policies are primary and noncontributory. The policies shall further name the City and all of its elected officials, officers, employees, and agents as additional insureds. The City shall not waive any rights of subrogation. The Contractor shall provide and maintain insurance in the amounts outlined with companies acceptable to the City, for a minimum of two (2) years after completion final completion of the project. Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any action or omission. Liability of the Contractor and Subcontractors is not limited by purchase of insurance.

11. INDEMNIFICATION

- (a) To the fullest extent permitted by law, Contractor waives any right of contribution against and shall defend, indemnify and hold harmless the City and any elected official, officer, attorney, employee, consultant, representative, or agent of the City (collectively the "indemnitees") from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from or in connection with the performance of the Work, provided that any such claim, damage, loss or expense (collectively "Claims") is caused by or alleged to be caused by an act or omission of Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable in the performance of the Agreement, regardless of whether or not it is actually or allegedly caused in part by an indemnitee. The obligations of the Contractor under this Section 11(a) shall be construed to include, but shall not be limited to, injury or damage consequent upon failure to use or misuse by the Contractor, his agents, subcontractors, and employees of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance erected or constructed by any person, or any or all other kinds of equipment, whether or not owned or furnished by the City. The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.
- (b) In the event that the Contractor or its Subcontractors are requested but refuse to honor the indemnity obligations of this Section or to provide a defense, then the Contractor shall, in addition to all other obligations, pay the cost of bringing any action to enforce this Section, including reasonable attorneys' fees.
- (c) The Contractor hereby intentionally, knowingly, and voluntarily waives the right to assert, under the case of *Kotecki v. Cyclops Welding Corp.*, 146 Ill. 2d 155 (1991) that Contractor's

liability may be limited to the amount of its statutory liability under the Workers' Compensation Act, and agrees that Contractor's liability to indemnify and defend the Owner is not limited by the so called "Kotecki Cap." The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.

- (d) The indemnification provisions of this Section 11 are not intended to circumvent the Construction Contract Indemnification for Negligence Act (740 ILCS 35/0.01, *et seq.*) and shall not be construed as such, but in such a way to affect their enforcement to the fullest extent of the law.

12. COMPLIANCE WITH LAWS

The Contractor shall perform its Work in compliance with all applicable laws, ordinances rules, regulations and codes, including but not limited to the *Illinois Prevailing Wage Act* (820 ILCS 130/1 *et seq.*). The Contractor shall pay not less than the prevailing rate of wages to all laborers, workers and mechanics performing work under this Contract. Moreover, the Contractor shall ensure that each subcontract is awards shall contain specific language therein requiring each subcontractor to pay not less than the prevailing wage to all laborers, workers and mechanics performing work for the project contemplated under this Contract. Further, the Contractor and all Subcontractors shall submit monthly certified payroll records to the City verifying that employees are being paid the prevailing rate of wages. The Contractor shall obtain necessary permits and licenses and consult with applicable governmental authorities as appropriate to ensure that the Work complies with all applicable laws. The Contractor agrees to fully comply with all requirements of federal and state law, including, but not limited to, the requirements of *Illinois Human Rights Act* (775 ILCS 5/1-101 *et seq.*) and the provision of sexual harassment policies and procedures pursuant to Section 2-105 of that Act. The Contractor further agrees to comply with all federal and state Equal Opportunity Laws, including, but not limited to, the *Americans With Disabilities Act* (42 U.S.C. Section 12101 *et. seq.*) and all rules and regulations promulgated thereunder. The *Illinois Employment of Illinois Workers on Public Works Act* (30 ILCS 570/0.01 *et. seq.*), and *Steel Products Procurement Act* (30 ILCS 565/1 *et. seq.*), shall prevail on this project to the extent such Acts are applicable and enforceable.

13. ASSIGNMENT

The Contractor shall not assign this Contract without the prior written consent of the City, which consent may be withheld at City's sole discretion. All Contractor's subcontracts shall be in writing, and shall be assignable by the Contractor to the City.

14. BOND

Pursuant to the *Public Construction Bond Act* (30 ILCS 550/1, *et seq.*), prior to commencing work, the Contractor shall provide a bond in the amount of one hundred percent (100%) of the Contract Sum and conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans and contract, which contract shall be properly executed and signed at the time of filing of said bonds. Pursuant to Section 4 of the *Prevailing Wage Act* (820 ILCS 130/4), the required bond shall include a provisions as will guarantee the faithful performance of the prevailing wage requirements of this Contract and Illinois Law. With

permission of the City, and when state and federal funds are not used on the Work, the Contractor may provide a non-diminishing irrevocable letter of credit, for contracts under \$100,000, in lieu of aforesaid bond. This bond or the non-diminishing irrevocable letter of credit are to remain in full force and effect up to and including the final acceptance of the work. After which it shall become null and void only after the Contractor provides a maintenance bond which shall meet the approval of said City of Crest Hill.

15. CITY SHALL NOT WAIVE ANY RIGHTS BY MAKING ANY PAYMENT

Notwithstanding any other provision in this Agreement or the other Contract Documents, the City shall not, in any manner, be deemed or intended to have waived any claim by making any progress or final payment in any amount.

16. WARRANTY

The Contractor shall supervise and direct the Work using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have charge and control of contractor means, methods, techniques, sequences, and procedures for coordinating all portions of the Work. The Contractor warrants to the City that materials and equipment furnished under the Contract will be of good quality and new, unless otherwise required or permitted by this Agreement or any of the other Contract Documents and that the Work will be performed in a workmanlike manner and be free from faults and defects and in conformance with this Agreement and all other Contract Documents.

Neither the final payment under the Agreement by the City nor any provisions in the Contract Documents shall relieve the Contractor of any responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period proved by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Agreement, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials. In the event that any testing or inspection of the Work or any part thereof reveals defects in materials or workmanship, the Contractor shall remedy such defects and shall bear all costs and expenses associated with any and all testing necessitated thereby, including but not limited to additional testing which is related to determining whether such defects have been properly remedied.

17. BID RIGGING AND ROTATING CERTIFICATION

As required by the section 33E-11 of the *Criminal Code* (720 ILCS 5/33E-11), by executing this Agreement, Contractor certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of any criminal statute including, but not limited to, the bid rigging (Section 33E-3) or bid rotating (Section 33E-4) provisions of the *Criminal Code*.

18. AUTHORITY TO EXECUTE

Each of the parties executing this Contract represent and warrant that they have the proper and necessary authority to execute this Contract and to bind their representative entities.

19. GOVERNING LAW; CHOICE OF FORUM

This Contract shall be governed by the laws of the state of Illinois. Furthermore, the Parties hereby agree that the Twelfth Judicial Circuit Court of Will County, Illinois, will be the sole and exclusive venue and jurisdiction for any litigation associated with the Contract Documents. As such, the Parties hereby intentionally, knowingly, and voluntarily waive and forever forfeit any right that they presently have or may accrue in the future to file any motion seeking to dismiss any such litigation for want of jurisdiction in said court, to remove any such litigation to any federal court, or to challenge venue in said court for any reason, including but not limited to a motion based on the doctrine of *forum non conveniens*.

20. SEVERABILITY CLAUSE

If any provision of this Contract is held invalid, such invalidity shall not affect the other provisions of this Contract which may be given effect without the invalid provision.

21. TERMINATION

- (a) Termination Without Cause: The City may, upon seven (7) days written notice to the Contractor, terminate the Agreement between the City and Contractor without cause. Upon written request and submittal of the appropriate documentation as required by the City, the City shall pay the Contractor for all work performed by the Contractor to the date of termination that has been approved by the City. The City may, upon the Contractor executing such a confirmatory assignments as the City shall request, accept and assume all of the Contractor's obligations under all subcontracts executed in accordance with the terms of the Contract Documents that may accrue after the date of such termination and that the Contractor has incurred in good faith in connection with the Work. Upon receipt of notice of termination, the Contractor shall cease all operations on the date specified by the City, terminate subcontracts not assumed by the City, make no further orders of materials or equipment, complete work not terminated (if any), and provide such reports as may be requested by the City as to the status of the Work and the Work remaining to be completed. The City's right to terminate the Contract under this Section shall be in addition to, and not in limitation of, its rights to stop the Work without terminating the Contract.
- (b) Termination for Cause: If the Contractor shall institute proceedings or consent to proceedings requesting relief or arrangement under the Federal Bankruptcy Act or any similar or applicable federal or state law, or if a petition under any federal or state bankruptcy or insolvency law is filed against the Contractor and such petition is not dismissed within sixty (60) days after the date of said filing, or if the Contractor admits in writing his inability to pay his debts generally as they become due, or if he makes a general assignment for the benefit of his creditors, or if a receiver, liquidator, trustee or assignee is appointed on account of his bankruptcy or insolvency; or if a receiver of all or any substantial portion of the Contractor's properties is appointed; or if the Contractor abandons the Work; or if he fails, except in cases for which extension of time is provided, to prosecute promptly and diligently the Work or to supply enough properly skilled workmen or proper materials for the Work; or if he submits an Application for Payment, sworn statement, waiver of lien, affidavit or document of any nature whatsoever which is intentionally falsified; or if he fails to make prompt payment to

Subcontractors or for materials or labor or otherwise breaches his obligations under any subcontract with a Subcontractor; or if a mechanic's or material man's lien or notice of lien is filed against any part of the Work or the site of the Project and not promptly bonded or insured over by the Contractor in a manner satisfactory to the City; or if the Contractor disregards any laws, statutes, ordinances, rules, regulations or orders of any governmental body or public or quasi-public authority having jurisdiction of the Work or the site of the Project; or if he otherwise violates any provision of the Contract Documents; then the City, without prejudice to any right or remedy available to the City under the Contract Documents or at law or in equity, the City may, after giving the Contractor and its surety under the performance and payment bond required above seven (7) days' written notice, terminate the employment of the Contractor. If requested by the City, the Contractor shall remove any part or all of his equipment, machinery and supplies from the site of the Project within seven (7) days after the date of such request, and in the event of the Contractor's failure to do so, the City shall have the right to remove or store such equipment, machinery and supplies at the Contractor's expense. In case of such termination, the Contractor shall not be entitled to receive any further payment for Work performed by the Contractor through the date of termination. The City's right to terminate the City-Contractor Agreement pursuant to this Section 21(b) shall be in addition to and not in limitation of any rights or remedies existing hereunder or pursuant hereto or at law or in equity.

- (c) In the event that the City terminates this Agreement for Cause, as set forth above, the Contractor shall not be entitled to receive further payment until the Work is finished and the City may finish the Work by whatever reasonable method the City may deem expedient. Upon written request of the Contractor, the City shall furnish to the Contractor a detailed accounting of the costs incurred by the City in finishing the Work. If, after the City completes the Work, the unpaid balance of the Contract Sum exceeds the costs of finishing the Work, including but not limited to any additional expenses made necessary thereby and other damages incurred by the City and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the City. This obligation for payment shall survive termination of the Contract.

22. NOTICES

Any time that this Agreement or any of the other Contract Documents require one Party to notify or give notice to the other Party, such notice shall be provided in writing to the designated representative of the party to whom the notice is addressed and shall be deemed to have been duly served if delivered in person, by mail, by courier, or by electronic transmission as set forth in the Agreement. In the case of in-person delivery, the notice shall be deemed delivered on the date of such delivery. In the case of delivery by mail or by courier, the notice shall be deemed to be delivered three (3) business days after it is sent. In the case of email delivery, the notice shall be deemed given on the date of said email so long as the email is sent prior to 6:00 p.m. CST—otherwise it shall be deemed delivered as of the next business day.

THIS CONTRACT is entered into as of the day and year first above written.

CITY:

CONTRACTOR:

CITY OF CREST HILL,
WILL COUNTY, ILLINOIS

AUSTIN TYLER CONSTRUCTION, INC.

BY: _____

BY: Way A. Schul

ITS: _____
MAYOR

ITS: President

DATE: _____

DATE: 6/3/24

ATTEST:

BY: _____

ITS: _____

DATE: _____



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of 4/26/2024
(Letting date)

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	1	2	3	4	Awards Pending	
Contract Number			62R93			
Contract With	FRANKFORT	JOLIET	IDOT	FRANKFORT	FRANKFORT	
Estimated Completion Date	11/1/24	9/1/24	1/6/24	7/1/24	11/1/24	
Total Contract Price	8,217,823.00	1,921,772.00	1,818,095.00	3,939,595.00	8,217,823.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	0.00	1,542,950.00	109,425.00	1,132,722.00	8,217,823.00	11,002,920.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						11,002,920.00

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						Accumulated Totals
Earthwork				50,000.00	415,300.00	465,300.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix		195,000.00		100,000.00		295,000.00
HMA Paving					1,615,900.00	1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces			14,100.00	25,000.00		39,100.00
Highway, R.R. and Waterway Structures						0.00
Drainage		1,100,000.00			339,700.00	1,439,700.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction		93,300.00			1,779,400.00	1,872,700.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling				9,500.00	490,400.00	499,900.00
Other Construction (Allowance)						0.00
Other Construction (Layout)						0.00
Other Construction (Misc)		69,000.00		49,412.00		118,412.00
Other Construction (Mobilization)					153,183.00	153,183.00
Other Construction (Traffic Control)		21,850.00	32,000.00	75,000.00	460,000.00	588,850.00
Totals	0.00	1,479,150.00	46,100.00	308,912.00	5,253,883.00	7,088,045.00

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	1	2	3	4	Awards Pending	
Contract Number		62T35				
Contract With	LOCKPORT	IDOT	JOLIET	JOLIET		
Estimated Completion Date	12/1/24	6/1/24	12/1/24	6/1/24		
Total Contract Price	5,778,413.00	995,198.00	2,046,060.00	5,989,498.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	4,394,400.00	133,188.00	2,046,060.00	2,139,300.00	0.00	19,715,868.00
Uncompleted Dollar Value if Firm is the Subcontractor	0.00	0.00	0.00	0.00		0.00
Total Value of All Work						19,715,868.00

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						Accumulated Totals
Earthwork	427,900.00					893,200.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	596,200.00		368,400.00	235,000.00		1,494,600.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	587,600.00					626,700.00
Highway, R.R. and Waterway Structures						0.00
Drainage	1,277,500.00	5,200.00	1,386,160.00			4,108,560.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	809,500.00		92,500.00			2,774,700.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	126,800.00					626,700.00
Other Construction (Allowance)						0.00
Other Construction (Layout)	72,000.00					72,000.00
Other Construction (Misc)			67,500.00			185,912.00
Other Construction (Mobilization)						153,183.00
Other Construction (Traffic Control)	187,000.00		62,000.00	100,000.00		937,850.00
Totals	4,084,500.00	5,200.00	1,976,560.00	335,000.00	0.00	13,489,305.00

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	1	2	3	4	Awards Pending	
Contract Number				61H20		
Contract With	PLAINFIELD	JOLIET	JOLIET	IDOT		
Estimated Completion Date	11/29/24	11/27/24	12/1/24	5/1/25		
Total Contract Price	10,443,768.00	3,592,706.00	7,994,694.00	16,865,231.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	7,755,793.00	3,592,706.00	7,994,694.00	13,031,215.00	0.00	52,090,276.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						52,090,276.00

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Accumulated Totals
Earthwork	1,722,800.00	267,700.00	274,130.00	1,263,370.00		4,421,200.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	1,672,600.00	469,700.00	690,800.00	2,572,800.00		6,900,500.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	883,900.00	157,800.00		932,600.00		2,601,000.00
Highway, R.R. and Waterway Structures						0.00
Drainage	1,351,400.00	411,300.00	5,231,039.00	956,000.00		12,058,299.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	254,000.00	377,400.00	609,800.00	1,121,700.00		5,137,600.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling		50,800.00		248,558.00		926,058.00
Other Construction (Allowance)	500,000.00					500,000.00
Other Construction (Layout)	112,500.00	36,000.00		65,000.00		285,500.00
Other Construction (Misc)	38,689.00	60,575.00	200,000.00			485,176.00
Other Construction (Mobilization)	60,000.00	30,000.00				243,183.00
Other Construction (Traffic Control)	150,000.00	280,000.00	475,000.00	160,000.00		2,002,850.00
Totals	6,745,889.00	2,141,275.00	7,480,769.00	7,320,028.00	0.00	37,177,266.00

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	1	2	3	4	Awards Pending	
Contract Number						
Contract With	JOLIET	JOLIET	JOLIET TWN	JOLIET		
Estimated Completion Date	12/1/24	12/1/24	7/1/24	12/1/24		
Total Contract Price	5,076,552.00	9,475,973.00	254,742.00	8,646,715.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	5,076,552.00	9,475,973.00	254,742.00	8,646,715.00	0.00	75,544,258.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						75,544,258.00

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						Accumulated Totals
Earthwork			30,000.00	810,700.00		5,261,900.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	584,280.00	321,895.00	13,200.00	694,250.00		8,514,125.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces			19,800.00			2,620,800.00
Highway, R.R. and Waterway Structures						0.00
Drainage	3,899,342.00	2,406,314.00		4,840,735.00		23,204,690.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	328,900.00	1,537,264.00	130,107.00	523,300.00		7,657,171.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Precon Video						0.00
Cold Milling, Planning & Rotomilling			17,000.00			943,058.00
Other Construction (Precon Video)		250,000.00				750,000.00
Other Construction (Layout)			5,000.00			290,500.00
Other Construction (Misc)	111,000.00			250,000.00		846,176.00
Other Construction (Mobilization)			12,000.00			255,183.00
Other Construction (Traffic Control)	89,000.00	952,000.00	8,000.00	555,000.00		3,606,850.00
Totals	5,012,522.00	5,467,473.00	235,107.00	7,673,985.00	0.00	55,566,353.00

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	1	2	3	4	Awards Pending	
Contract Number	61H98		62H58			
Contract With	IDOT	MOKENA	IDOT	PLAINFIELD		
Estimated Completion Date	7/25/25	9/1/24	7/1/24	9/1/24		
Total Contract Price	10,458,102.00	1,384,583.00	211,505.00	2,733,603.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	10,458,102.00	1,218,583.00	211,505.00	2,733,603.00	0.00	90,166,051.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						90,166,051.00

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						Accumulated Totals
Earthwork	1,502,400.00	95,300.00	13,900.00	57,900.00		6,931,400.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	1,334,000.00	713,100.00	44,400.00	1,375,900.00		11,981,525.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	735,600.00	55,200.00	19,800.00	6,700.00		3,438,100.00
Highway, R.R. and Waterway Structures	317,700.00					317,700.00
Drainage	1,924,921.00	44,000.00	3,500.00	28,400.00		25,205,511.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	991,900.00	100,000.00	5,200.00	703,000.00		9,457,271.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signage						0.00
Cold Milling, Planning & Rotomilling	30,900.00	131,900.00	12,700.00	278,000.00		1,396,558.00
Other Construction (Allowance)						750,000.00
Other Construction (Layout)	91,000.00		2,500.00			384,000.00
Other Construction (Misc)	216,055.00	23,598.00	7,632.00	22,703.00		1,116,164.00
Other Construction (Mobilization)	435,000.00		12,000.00			702,183.00
Other Construction (Traffic Control)	155,000.00	16,000.00	38,000.00	40,000.00		3,855,850.00
Totals	7,734,476.00	1,179,098.00	159,632.00	2,512,603.00	0.00	67,152,162.00

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	1	2	3	4	Awards Pending	
Contract Number						
Contract With	MINOOKA					
Estimated Completion Date	9/1/24					
Total Contract Price	882,652.00					Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	882,652.00	0.00	0.00	0.00	0.00	91,048,703.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
Total Value of All Work						91,048,703.00

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						Accumulated Totals
Earthwork	11,800.00					6,943,200.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	536,500.00					12,518,025.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	14,000.00					3,452,100.00
Highway, R.R. and Waterway Structures						317,700.00
Drainage	22,600.00					25,228,111.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	158,900.00					9,616,171.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	92,240.00					1,488,798.00
Other Construction (Allowance)						750,000.00
Other Construction (Layout)						384,000.00
Other Construction (Misc)	2,561.00					1,118,725.00
Other Construction (Mobilization)						702,183.00
Other Construction (Traffic Control)	25,000.00					3,880,850.00
Totals	863,601.00	0.00	0.00	0.00	0.00	68,015,763.00

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	SEASONS	TBD	VAN MACK	SEASONS	SEASONS
Type of Work	LANDSCAPE	LANDSCAPE	ELECTRIC	LANDSCAPE	LANDSCAPE
Subcontract Price		32,500.00	49,869.00	287,450.00	269,850.00
Amount Uncompleted		32,500.00	0.00	287,450.00	269,850.00
Subcontractor		HOMER	ALLSTATE	VAN MACK	SKC
Type of Work		TREE REM	LJS	ELECTRIC	CRACK FILL
Subcontract Price		12,200.00	57,395.00	853,573.00	103,540.00
Amount Uncompleted		12,200.00	0.00	400,000.00	103,540.00
Subcontractor		TBD	PRECISION	TRAFFIC CONTROL	ADS
Type of Work		FENCING	PAVT MARKING	PAVT MKING	VIDEO
Subcontract Price		12,100.00	63,325.00	27,120.00	20,400.00
Amount Uncompleted		12,100.00	63,325.00	27,120.00	20,400.00
Subcontractor		TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
Type of Work		PAVT MKING	TRAFFIC CONTROL	TRAFFIC	PAVT MKING
Subcontract Price		7,000.00	45,719.00	90,715.00	111,650.00
Amount Uncompleted		7,000.00	0.00	90,715.00	111,650.00
Subcontractor			GASPERIC	AMERICAN BACKYARD	IROQUIOS PAVING
Type of Work			LAYOUT	FENCING	HMA/GRIND
Subcontract Price			6,500.00	18,525.00	2,458,500.00
Amount Uncompleted			0.00	18,525.00	2,458,500.00
Subcontractor			CSD ENVIRONMENTAL		
Type of Work			SPL WASTE		
Subcontract Price			9,480.00		
Amount Uncompleted			0.00		
Subcontractor			SEASONS		
Type of Work			LANDSCAPE		
Subcontract Price			6,830.00		
Amount Uncompleted			0.00		
Total Uncompleted	0.00	63,800.00	63,325.00	823,810.00	2,963,940.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this _____ day of _____, 20____.

Type or Print Name Gary S. Schumal President
 Officer or Director Title

Notary Public

Signed _____

My commission expires: _____

(Notary Seal)

Company Austin Tyler Construction, Inc

Address 23343 S Ridge Road
Elwood, IL 60421

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	SEASONS	HOMER TREE	HOMER	HOMER	
Type of Work	LANDSCAPE	TREE REM	TREE REM	TREE REM	
Subcontract Price	251,000.00	70,163.00	11,200.00	23,850.00	
Amount Uncompleted	251,000.00	70,163.00	11,200.00	0.00	
Subcontractor	TBD	SEASONS	SEASONS	TBD	
Type of Work	PAVT MKING	LANDSCAPE	LANDSCAPE	LANDSCAPE	
Subcontract Price	39,500.00	34,320.00	32,700.00	33,900.00	
Amount Uncompleted	39,500.00	0.00	32,700.00	33,900.00	
Subcontractor	HOMER	PRECISION	TBD	TRAFFIC	
Type of Work	TREE REM	PAVT MKING	FENCING	PAVT MKING	
Subcontract Price	7,000.00	43,985.00	16,600.00	42,400.00	
Amount Uncompleted	7,000.00	0.00	16,600.00	42,400.00	
Subcontractor	TBD	HAWK	TRAFFIC CONTROL	PROCISION	
Type of Work	ELECTRIC	ELECTRIC	PAVT MKING	BORE	
Subcontract Price	12,400.00	2,800.00	9,000.00	317,700.00	
Amount Uncompleted	12,400.00	0.00	9,000.00	0.00	
Subcontractor		TRAFFIC		D CONST	
Type of Work		CONTROL		DRAINAGE	
Subcontract Price		41,650.00		1,928,000.00	
Amount Uncompleted		0.00		1,728,000.00	
Subcontractor		ALLSTATE CUTTING			
Type of Work		JOINT SEAL			
Subcontract Price		39,787.00			
Amount Uncompleted		0.00			
Subcontractor		MCCINTY			
Type of Work		WEED SPRAY			
Subcontract Price		57,825.00			
Amount Uncompleted		57,825.00			
Total Uncompleted	309,900.00	127,988.00	69,500.00	1,804,300.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this ____ day of _____, 20____.

Type or Print Name Gary S. Schumal President
 Officer or Director Title

Notary Public

Signed _____

My commission expires: _____

Company Austin Tyler Construction, Inc

(Notary Seal)

Address 23343 S Ridge RoadElwood, IL 60421

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	TBD	ELMUND	TBD	ARTEGA	
Type of Work	LANDSCAPE	ELECTRIC	LANDSCAPING	LANDSCAPING	
Subcontract Price	352,900.00	1,296,223.00	141,500.00	466,669.00	
Amount Uncompleted	352,900.00	1,296,223.00	141,500.00	466,669.00	
Subcontractor	D2K	TBD	TBD	RED ANT	
Type of Work	TRAFFIC	LANDSCAPE	FENCING	BORE	
Subcontract Price	80,044.00	89,736.00	26,625.00	115,000.00	
Amount Uncompleted	75,044.00	89,736.00	26,625.00	0.00	
Subcontractor	TBD	HOMER	TRAFFIC CONTROL	ATLANTIC	
Type of Work	ELECTRIC	TREE REM	PAVT MKING	GRAFFITI COATING	
Subcontract Price	409,202.00	13,780.00	34,300.00	545,186.00	
Amount Uncompleted	409,202.00	13,780.00	34,300.00	545,186.00	
Subcontractor	HOMER TREE	TRAFFIC CONTROL	VAN MACK	VAN MACK	
Type of Work	TREE REM	TRAFFIC	ELECTRIC	ELECTRIC	
Subcontract Price	28,975.00	35,766.00	11,500.00	735,136.00	
Amount Uncompleted	0.00	35,766.00	11,500.00	735,136.00	
Subcontractor	PRECISION	TRAFFIC CONTROL	PRECISION	ALF CARTAGE	
Type of Work	PAVT MARKING	PAVT MKING	BORE	CONC MATL	
Subcontract Price	46,138.00	15,926.00	300,000.00	658,607.00	
Amount Uncompleted	46,138.00	15,926.00	300,000.00	658,607.00	
Subcontractor	NORTHERN			DUNNET BAY	
Type of Work	FENCE			NOISE WALL	
Subcontract Price	13,120.00			4,021,369.00	
Amount Uncompleted	13,120.00			3,268,089.00	
Subcontractor	TBD			HOMER	
Type of Work	SOIL ANALYSIS			TREE REM	
Subcontract Price	113,500.00			37,500.00	
Amount Uncompleted	113,500.00			37,500.00	
Total Uncompleted	1,009,904.00	1,451,431.00	513,925.00	5,711,187.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this ____ day of _____, 20____.

Type or Print Name Gary S. Schumal President
 Officer or Director Title

Notary Public

Signed _____

My commission expires: _____

Company Austin Tyler Construction, Inc

(Notary Seal)

Address 23343 S Ridge Road
Elwood, IL 60421

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	TBD	TRAFFIC CONTROL	TRAFFIC CONTROL	TBD	
Type of Work	LANDSCAPING	PAVT MKING	PAVT MKING	LANDSCAPING	
Subcontract Price	38,500.00	115,000.00	19,635.00	122,400.00	
Amount Uncompleted	38,500.00	115,000.00	19,635.00	122,400.00	
Subcontractor	HOMER	D CONST		TBD	
Type of Work	TREE REM	SEWER		FENCING	
Subcontract Price	17,430.00	3,893,500.00		29,750.00	
Amount Uncompleted	17,430.00	3,893,500.00		29,750.00	
Subcontractor	TRAFFIC CONTROL			HOMER	
Type of Work	PAVT MKING			TREE REM	
Subcontract Price	8,100.00			35,780.00	
Amount Uncompleted	8,100.00			35,780.00	
Subcontractor				TRAFFIC CONTROL	
Type of Work				PAVT MKING	
Subcontract Price				8,700.00	
Amount Uncompleted				8,700.00	
Subcontractor				LJ KEEFE	
Type of Work				BORE	
Subcontract Price				776,100.00	
Amount Uncompleted				776,100.00	
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	64,030.00	4,008,500.00	19,635.00	972,730.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this ____ day of _____, 20____.

Type or Print Name Gary S. Schumal

President

Officer or Director

Title

Notary Public

Signed _____

My commission expires: _____

Company Austin Tyler Construction, Inc

(Notary Seal)

Address 23343 S Ridge RoadElwood, IL 60421

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	ARTEGA	WARD	INDUSTRIAL	TRAFFIC CONTROL	
Type of Work	LANDSCAPE	SHOTCRETE	FENCING	PAVT MKING	
Subcontract Price	196,705.00	8,000.00	25,038.00	122,900.00	
Amount Uncompleted	196,705.00	8,000.00	25,038.00	122,900.00	
Subcontractor	VAN MACK	TBD	ARTEAGA	VAN MACK	
Type of Work	ELECTRIC	LJS	LANSCAPE	ELECTRIC	
Subcontract Price	499,054.00	31,485.00	9,882.00	30,000.00	
Amount Uncompleted	499,054.00	31,485.00	9,882.00	30,000.00	
Subcontractor	SMITH		CSD	TRAFFIC CONTROL	
Type of Work	TRAFFIC		ENVIRONMENTAL	TRAFFIC	
Subcontract Price	339,803.00		12,265.00	68,100.00	
Amount Uncompleted	339,803.00		12,265.00	68,100.00	
Subcontractor	CSD		PRECISION		
Type of Work	ENVIRONMENTAL		PAVT MARKING		
Subcontract Price	164,275.00		4,688.00		
Amount Uncompleted	164,275.00		4,688.00		
Subcontractor	SELLERS				
Type of Work	TRUCKING				
Subcontract Price	557,414.00				
Amount Uncompleted	557,414.00				
Subcontractor	TRAILBLAZER				
Type of Work	PLUMBING				
Subcontract Price	446,375.00				
Amount Uncompleted	446,375.00				
Subcontractor	CARRERA				
Type of Work	CONCRETE				
Subcontract Price	520,000.00				
Amount Uncompleted	520,000.00				
Total Uncompleted	2,723,626.00	39,485.00	51,873.00	221,000.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this _____ day of _____, 20_____.

Type or Print Name Gary S. Schumal President
 Officer or Director Title

Notary Public

Signed _____

My commission expires: _____

Company Austin Tyler Construction, Inc

(Notary Seal)

Address 23343 S Ridge Road
Elwood, IL 60421

Part III. Work Subcontracted to Others

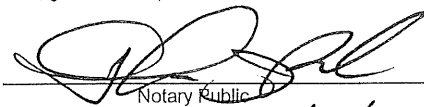
For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	TRAFFIC CONTROL				
Type of Work	PAVT MKING				
Subcontract Price	4,351.00				
Amount Uncompleted	4,351.00				
Subcontractor	SKC				
Type of Work	CRACK				
Subcontract Price	14,700.00				
Amount Uncompleted	14,700.00				
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
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Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	19,051.00	0.00	0.00	0.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

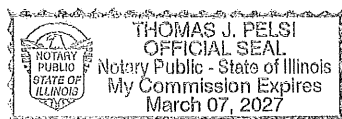
Subscribed and sworn to before me

this 25th day of APRIL, 2024.

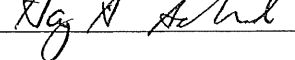

Notary Public

My commission expires: 3/7/27

(Notary Seal)



Type or Print Name Gary S. Schumal President
Officer or Director Title

Signed 

Company Austin Tyler Construction, Inc

Address 23343 S Ridge Road
Elwood, IL 60421


**Illinois Department
of Transportation**
**Local Public Agency
Proposal Bid Bond**

E-mail

Reset Form

Local Public Agency

County

Section Number

City of Crest Hill

Will

N/A

WE, Austin Tyler Construction, Inc. 23343 S. Ridge Rd. Elwood, IL 60421 as PRINCIPAL, and
Old Republic Surety Company 18500 W Corporate Dr Ste 170 Brookfield, WI 53201 as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their

respective officers this 22nd of April 2024
 Day Month and Year

Principal

Company Name

Austin Tyler Construction, Inc.

Signature & Date

By:

Title

Gary S. Schumal, President

Company Name

Signature & Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Old Republic Surety Company

Signature of Attorney-in-Fact Signature & Date

By:

4/22/24

STATE OF IL
 COUNTY OF Kendall
Maureen Rott

, a Notary Public in and for said county do hereby certify that

Gary S. Schumal and Lynn M. Blaylock

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 22nd day of April 2024
 Day Month and Year

Notary Public Signature & Date

4/22/24Date commission expires February 4, 2026



OLD REPUBLIC SURETY COMPANY

Item 5.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
- (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification there of authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 18TH day of AUGUST, 2023.

Karen J. Haffner

Assistant Secretary



OLD REPUBLIC SURETY COMPANY

Alan Pavlic

President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 18TH day of AUGUST, 2023, personally came before me, Alan Pavlic and Karen J Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say; that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson

Notary Public

My commission expires: 9/28/2026

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338



Signed and sealed at the City of Brookfield, WI this 22nd day of April, 2024

Karen J. Haffner

Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

ADDENDUM NO. 1**April 18, 2024****Proposed Watermain Plans****CITY OF CREST HILL****PUBLIC WORKS CENTER****2090 OAKLAND AVE****WILL COUNTY, ILLINOIS****PROPOSAL DUE DATE: 10:00 AM, April 25, 2024**

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.

This is the only notice you receive, with no follow up by mail.

Updates to the Contract Specifications**BLR 12230 Form**

The bid bond amount has been revised from 5% to 10%

I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.

End of Addendum No. 1

I acknowledge the receipt of Addendum No. 1 for the referenced project:

Signed:

Name 

Name of
Company Austin Tyler Construction, Inc

Ron Wiedeman
City Engineer
City of Crest Hill
815.741.5122
rwiedeman@cityofcresthill.com



E-mail

Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name

Austin Tyler Construction, Inc

Contractor's Address

23343 S. Ridge Rd

City

Elwood

State

IL

Zip Code

60421

STATE OF ILLINOIS

Local Public Agency

City of Crest Hill

County

Will

Section Number

N/A

Route(s) (Street/Road Name)

Circle Street, Green Street

Type of Funds

Local

☐ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review
Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

CREST HILL WATERMAIN IMPROVEMENTS

City of Crest Hill, Illinois
Will County

Bid Tab

Return With Bid

SP	PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
	20101200	TREE ROOT PRUNING	EACH	14	75.00	1,050.00
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	526	20.00	10,520.00
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,577	2.75	4,336.75
	28000510	INLET FILTERS	EACH	35	75.00	2,625.00
*	30103000	SHAPING AND GRADING ROADWAY	SQ YD	1,858	1.75	3,251.50
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	528	38.00	19,984.00
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	1,188	20.00	23,760.00
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,851	.01	68.51
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,278	.01	42.78
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	142	15.00	2,130.00
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	364	84.00	30,576.00
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	338	117.00	39,546.00
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	683	91.00	62,113.00
*	44000100	PAVEMENT REMOVAL	SQ YD	3,047	6.00	18,282.00
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	4,691	4.00	18,764.00
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,188	72.00	85,536.00
*	50100100	STRUCTURES TO BE REMOVED	EACH	3	625.00	1,875.00
*	56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	142	115.00	16,380.00
*	56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2,048	119.00	243,712.00
*	56105000	WATER VALVES, 8"	EACH	13	2,600.00	33,800.00
*	56400500	FIRE HYDRANT TO BE REMOVED	EACH	6	600.00	3,600.00
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8	8,800.00	70,400.00
*	56500800	DOMESTIC WATER SERVICE BOX	EACH	32	250.00	8,000.00
*	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	3,250.00	6,500.00
*	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	5	2,000.00	10,000.00
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	3,450.00	3,450.00
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3,450.00	10,350.00
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	4,400.00	57,200.00
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40	5.00	200.00
	78000850	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108	28.00	3,024.00
*	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	481	113.00	54,353.00
*	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 18"	FOOT	149	131.00	19,519.00
*	550A2570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 27"	FOOT	35	184.00	6,440.00
*	X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	125	80.00	10,000.00
*	X0327301	RELOCATE EXISTING MAILBOX	EACH	5	300.00	1,500.00
*	X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	8	2,500.00	20,000.00
*	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	3,050	55.00	167,750.00
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	800	20.00	16,000.00
*	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	186	20.00	3,720.00
*	X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	1,879	12.00	22,548.00
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	174	35.00	6,090.00
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	900.00	7,200.00
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	5	600.00	3,000.00
*	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	60,000.00	60,000.00
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	2	.01	.02
*	Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	15	750.00	11,250.00
*		PARKWAY RESTORATION - SODDING	SQ YD	1,327	25.00	33,175.00
*		PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	734	100.00	73,400.00
*		COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,521	55.00	83,655.00
*		INSERTION VALVES, 8"	EACH	2	12,000.00	24,000.00
*		WATER SERVICE LINE, 1" (SHORT)	EACH	18	3,100.00	55,800.00
*		WATER SERVICE LINE, 1" (LONG)	EACH	14	4,000.00	56,000.00
*		CASH ALLOWANCE	UNITS	50,000	1	\$ 50,000.00
*		SUMP LINE	FOOT	100	40.00	4,000.00
*		TEMPORARY ACCESS	EACH	9	.01	.09
*		FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	2	1,500.00	3,000.00
*		WATER MAIN CASING SLEEVE	FOOT	40	90.00	3,600.00
TOTAL CONSTRUCTION COST						\$ 1,585,250.63

TOTAL
BID 1,585,250.63

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, Public Works

20600 City Center Boulevard, Crest Hill, IL 60403	until	10:00 AM	on	04/25/24
Address		Time		Date

Sealed proposals will be opened and read publicly at the office of City's council chambers

20600 City Center Boulevard, Crest Hill, IL 60403	at	10:00 AM	on	04/25/24
Address		Time		Date

DESCRIPTION OF WORK

Location	Project Length
Circle & Green St- Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root St to Green St	

Proposed Improvement

Water main and service installation; Storm sewer removal and installation; Pavement removal and restoration; Pavement resurfacing; Driveway, Sidewalk, Curb & Gutter removal and replacement; Landscape restoration

1. Plans and proposal forms will be available in the office of

Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

PROPOSAL

1. Proposal of Austin Tyler Construction, Inc.
23343 S Ridge Road
Elwood, IL 60421
Contractor's Name
Contractor's Address
2. The plans for the proposed work are those prepared by V3 Companies
and approved by the Department of Transportation on N/A
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by _____ unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City Treasurer of Crest Hill
- The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number N/A

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

SIGNATURES

(If an individual)

Bidder Signature & Date

--

Business Address

--

City

State

Zip Code

--	--	--

(If a partnership)

Firm Name

--

Signature & Date

--

Title

--

Business Address

--

City

State

Zip Code

--	--	--

Insert the Names and Addresses of all Partners

--

(If a corporation)

Corporate Name

Austin Tyler Construction, Inc

Signature & Date

<i>Ray A. Schul</i>	<i>3/29/24</i>
---------------------	----------------

Title

President

Business Address

<i>23343 S. Ridge Rd.</i>

City

State

Zip Code

<i>Elwood</i>	<i>IL</i>	<i>60421</i>
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Insert Names of Officers

President

President

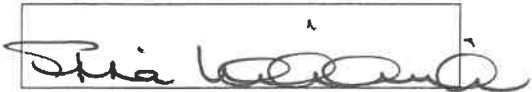
Secretary

<i>Tina Wilder</i>

Treasurer

--

Attest:



Secretary

Subcontractor Form

Contractor Name	Contractor Contact Information	Work Performed
TBD	TBD	Permanent Manure
TBD	TBD	Landscaping

Prime Contractor: Austin Tyler Construction, Inc



CERTIFICATE OF LIABILITY INSURANCE

DATE (M)
5/28
Item 5.

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Robertson Ryan & Associates, Inc 1770 Park Street, Suite 210 Naperville IL 60563	CONTACT NAME: Maureen Rott PHONE (A/C, No, Ext): 630.420.3400 E-MAIL ADDRESS: mrott@robertsonryan.com FAX (A/C, No): 630.420.8520
INSURED Austin Tyler Construction, Inc Joliet Asphalt, LLC 23343 S. Ridge Road Elwood IL 60421	INSURER(S) AFFORDING COVERAGE INSURER A: THE CINCINNATI INSURANCE COMPANIES INSURER B: Chubb Indemnity Insurance Co INSURER C: INSURER D: INSURER E: INSURER F:
	NAIC # 10677 12777

COVERAGES

CERTIFICATE NUMBER: 2032245567

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU Included <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	EPP 0625850	8/25/2023	8/25/2024	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	EBA0625850	8/25/2023	8/25/2024	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EPP 0625850	8/25/2023	8/25/2024	EACH OCCURRENCE \$15,000,000 AGGREGATE \$15,000,000 \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	Y N/A	EWC 062585102	8/25/2023	8/25/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A B	Inland Marine Pollution Liability Installation Floater			EPP 0625850 CPM G72537695 002	8/25/2023 8/25/2023	8/25/2024 8/25/2024	Leased/Rented Site & Premises \$500,000 Installation Floater \$3,000,000 \$750,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Circle Street - Green Street Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

The following are additional insureds as respects general liability and auto liability coverages on a primary and non-contributory basis, for the work performed by the above insured, as required by direct written contract, subject to the forms and endorsements attached to the policies: City of Crest Hill and their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives; and V3 Companies, LTD. A Waiver of subrogation in favor of the aforementioned additional insureds applies to the general liability, auto liability and workers compensation coverages as required by written contract. Umbrella coverage follows underlying policies.

CERTIFICATE HOLDER

CANCELLATION

City of Crest Hill
20600 City Center Boulevard
Crest Hill IL 60403

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY. Item 5.

CinciPlus® BUSINESS AUTO XC+® (EXPANDED COVERAGE PLUS) ENDORSEMENT

This endorsement modifies insurance provided by the following:

BUSINESS AUTO COVERAGE FORM

With respect to the coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

A. Blanket Waiver of Subrogation

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 5. Transfer of Rights of Recovery Against Others to Us is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for "bodily injury" or "property damage" arising out of the operation of a covered "auto" when you have assumed liability for such "bodily injury" or "property damage" under an "insured contract", provided the "bodily injury" or "property damage" occurs subsequent to the execution or the "insured contract".

B. Noncontributory Insurance

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance c. is deleted in its entirety and replaced by the following:

- c. Regardless of the provisions of Paragraph a. above, this Coverage Form's Liability Coverage is primary and we will not seek contribution from any other insurance for any liability assumed under an "insured contract" that requires liability to be assumed on a primary noncontributory basis.

C. Additional Insured by Contract

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended to include as an insured any person or organization for whom you have agreed in a valid written contract to provide insurance as afforded by this policy.

This provision is limited to the scope of the valid written contract.

This provision does not apply unless the valid written contract has been:

1. Executed prior to the accident causing "bodily injury" or "property damage"; and
2. Is still in force at the time of the "accident" causing "bodily injury" or "property damage".

D. Employee Hired Auto

1. Changes in Liability Coverage

The following is added to the **SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured**:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. Changes in General Conditions

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance is deleted in its entirety and replaced by the following:

- b. For Hired Auto Physical Damage Coverage the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

E. Audio, Visual and Data Electronic Equipment

SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance is amended by adding the following:

4. The most we will pay for all "loss" to audio, visual or data electronic equipment and any accessories used with this equipment as a result of any one "accident" is the lesser of:
 - a. The actual cash value of the damaged or stolen property as of the time of the "accident";
 - b. The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality; or
 - c. \$2,500.

Provided the equipment, at the time of the "loss" is:

- a. Permanently installed in or upon the covered "auto" in a housing, opening or other location that is not normally used by the "auto" manufacturer for the installation of such equipment;
- b. Removable from a permanently installed housing unit as described in Paragraph 2.a. above; or
- c. An integral part of such equipment.

F. Who is an Insured - Amended

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended by adding the following:

The following are "insureds":

1. Any subsidiary which is a legally incorporated entity of which you own a financial interest of more than 50% of the voting stock on the effective date of this coverage form.

However, the insurance afforded by this provision does not apply to any subsidiary that is an "insured" under any other automobile liability policy or would be an "insured" under such policy but for termination of such policy or the exhaustion of such policy's limits of insurance.

2. Any organization that is newly acquired or formed by you and over which you maintain majority ownership. The insurance provided by this provision:

- a. Is effective on the date of acquisition or formation, and is afforded for 180 days after such date;
 - b. Does not apply to "bodily injury" or "property damage" resulting from an "accident" that occurred before you acquired or formed the organization;
 - c. Does not apply to any newly acquired or formed organization that is a joint venture or partnership; and
 - d. Does not apply to an insured under any other automobile liability policy or would be an insured under such a policy but for the termination of such policy or the exhaustion of such policy's limits of insurance.
3. Any of your "employees" while using a covered "auto" in your business or your personal affairs, provided you do not own, hire or borrow that "auto".

G. Liability Coverage Extensions - Supplementary Payments - Higher Limits

SECTION II - LIABILITY COVERAGE, A. Coverage, 2. Coverage Extensions, a. Supplementary Payments is amended by:

1. Replacing the \$2,000 Limit of Insurance for bail bonds with \$4,000 in (2); and
2. Replacing the \$250 Limit of Insurance for reasonable expenses with \$500 in (4).

H. Amended Fellow Employee Exclusion

SECTION II - LIABILITY COVERAGE, B. Exclusions, 5. Fellow Employee is modified as follows:

Exclusion 5. **Fellow Employee** is deleted.

I. Hired Auto - Physical Damage

If hired "autos" are covered "autos" for Liability Coverage, then Comprehensive and Collision Physical Damage Coverages as provided under **SECTION III - PHYSICAL DAMAGE COVERAGE** of this Coverage Part are extended to "autos" you hire, subject to the following:

1. The most we will pay for "loss" to any hired "auto" is \$50,000 or the actual cash value or cost to repair or replace, whichever is the least, minus a deductible.
2. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage, or \$1,000, whichever is less.
3. Hired Auto - Physical Damage coverage is excess over any other collectible insurance.

Item 5.

4. Subject to the above limit, deductible, and excess provisions we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own insured under this policy.

Coverage includes loss of use of that hired auto, provided it results from an "accident" for which you are legally liable and as a result of which a monetary loss is sustained by the leasing or rental concern. The most we will pay for any one "accident" is \$3,000.

If a limit for Hired Auto - Physical Damage is shown in the Schedule, then that limit replaces, and is not added to, the \$50,000 limit indicated above and the deductibles shown in the Schedule are applicable.

J. Rental Reimbursement

SECTION III - PHYSICAL DAMAGE COVERAGE is amended by adding the following:

1. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of a "loss" to a covered "auto". Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductible applies to this coverage.
2. We will pay only for those expenses incurred during the policy period beginning 24 hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days:
 - a. The number of days reasonably required to repair the covered "auto". If "loss" is caused by theft, this number of days is added to the number of days it takes to locate the covered "auto" and return it to you; or
 - b. 30 days.
3. Our payment is limited to the lesser of the following amounts:
 - a. Necessary and actual expenses incurred; or
 - b. \$50 per day.
4. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.
5. We will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under **SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions**.

K. Transportation Expense - Higher Limits Item 5.

SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions is amended by replacing \$20 per day with \$50 per day, and \$600 maximum with \$1,500 maximum in **Extension a. Transportation Expenses**.

L. Airbag Coverage

SECTION III - PHYSICAL DAMAGE COVERAGE, B. Exclusions, 3.a. is amended by adding the following:

However, the mechanical and electrical breakdown portion of this exclusion does not apply to the accidental discharge of an airbag. This coverage for airbags is excess over any other collectible insurance or warranty.

M. Loan or Lease Gap Coverage

1. **SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance** is deleted in its entirety and replaced by the following, but only for private passenger type "autos" with an original loan or lease, and only in the event of a "total loss" to such a private passenger type "auto":
 - a. The most we will pay for "loss" in any one "accident" is the greater of:
 - (1) The amount due under the terms of the lease or loan to which your covered private passenger type "auto" is subject, but will not include:
 - (a) Overdue lease or loan payments;
 - (b) Financial penalties imposed under the lease due to high mileage, excessive use or abnormal wear and tear;
 - (c) Security deposits not refunded by the lessor;
 - (d) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
 - (e) Carry-over balances from previous loans or leases, or
 - (2) Actual cash value of the stolen or damaged property.
 - b. An adjustment for depreciation and physical condition will be made in determining actual cash value at the time of "loss".

2. **SECTION V - DEFINITIONS** is amended by adding the following, but only for the purposes of this **Loan or Lease Gap Coverage**:

"Total loss" means a "loss" in which the cost of repairs plus the salvage value exceeds the actual cash value.

N. Glass Repair - Waiver of Deductible

SECTION III - PHYSICAL DAMAGE COVERAGE, D. Deductible is amended by adding the following:

No deductible applies to glass damage if the glass is repaired in a manner acceptable to us rather than replaced.

O. Duties in the Event of an Accident, Claim, Suit or Loss - Amended

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 2. Duties in the Event of Accident, Claim, Suit or Loss, a. is amended by adding the following:

This condition applies only when the "accident" or "loss" is known to:

1. You, if you are an individual;
2. A partner, if you are a partnership;
3. An executive officer or insurance manager, if you are a corporation; or
4. A member or manager, if you are a limited liability company.

P. Unintentional Failure to Disclose Hazards

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 2. Concealment, Misrepresentation or Fraud is amended by adding the following:

However, if you unintentionally fail to disclose any hazards existing on the effective date of this Coverage Form, we will not deny coverage under this Coverage Form because of such failure.

Q. Mental Anguish Resulting from Bodily Injury

SECTION V - DEFINITIONS, C. "Bodily injury" is deleted in its entirety and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish and death sustained by the same person that results from such bodily injury, sickness or disease. "Bodily injury" does not include mental anguish or death that does not result from bodily injury, sickness or disease.

R. Coverage for Certain Operations in Connection with Railroads

With respect to the use of a covered "auto" in operations for or affecting a railroad:

1. **SECTION V - DEFINITIONS, H. "Insured contract", 1.c.** is deleted in its entirety and replaced by the following:
 - c. An easement or license agreement;
2. **SECTION V - DEFINITIONS, H. "Insured contract", 2.a.** is deleted.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY. Item 5.

CONTRACTORS ADDITIONAL INSURED - AUTOMATIC STATUS AND AUTOMATIC WAIVER OF SUBROGATION WHEN REQUIRED IN WRITTEN CONTRACT, AGREEMENT, PERMIT OR AUTHORIZATION - ILLINOIS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Additional Insured - Owners, Lessees Or Contractors - Automatic Status For Other Parties When Required In Written Contract Or Agreement With You

1. Section II - Who Is An Insured is amended to include as an additional insured any person or organization you have agreed in writing in a contract or agreement to add as an additional insured on this Coverage Part. Such person(s) or organization(s) is an additional insured only with respect to liability for:

a. "Bodily injury", "property damage" or "personal and advertising injury" *caused, in whole or in part, by* the performance of your ongoing operations by you or on your behalf, under that written contract or written agreement. Ongoing operations does not apply to "bodily injury" or "property damage" occurring after:

(1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

(2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project; and

b. "Bodily injury" or "property damage" *caused, in whole or in part, by* "your work" performed under that written contract or written agreement and in-

cluded in the "products-completed operations hazard", but only if:

(1) The Coverage Part to which this endorsement is attached provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard"; and

(2) The written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for that person or organization.

If the written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for a specified length of time for that person or organization, the "bodily injury" or "property damage" must occur prior to the expiration of that period of time in order for this insurance to apply.

If the written contract or written agreement requires you to provide additional insured coverage for a person or organization per only ISO additional insured endorsement form number **CG 20 10**, without specifying an edition date, and without specifically requiring additional insured coverage included within the "products-completed operations hazard", this Paragraph **b.** does not apply to that person or organization.

2. If the written contract or written agreement described in Paragraph **1.** above specifically requires you to provide additional insured coverage to that person or organization:

a. *Arising out of* your ongoing operations or *arising out of* "your work"; or

- b. By way of an edition of an ISO additional insured endorsement that includes *arising out of* your ongoing operations or *arising out of* "your work";

then the phrase *caused, in whole or in part, by* in Paragraph **A.1.a.** and/or Paragraph **A.1.b.** above, whichever applies, is replaced by the phrase *arising out of*.

3. With respect to the insurance afforded to the additional insureds described in Paragraph **A.1.**, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- a. The preparing, approving or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of, or the failure to render, any professional architectural, engineering or surveying services.

4. This Paragraph **A.** does not apply to additional insureds described in Paragraph **B.**

B. Additional Insured - State Or Governmental Agency Or Subdivision Or Political Subdivision - Automatic Status When Required In Written Permits Or Authorizations

1. **Section II - Who Is An Insured** is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision you have agreed in writing in a permit or authorization to add as an additional insured on this Coverage Part. Such state or governmental agency or subdivision or political subdivision is an additional insured only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued, in writing, a permit or authorization.

2. With respect to the insurance afforded to the additional insureds described in Paragraph **B.1.**, the following additional exclusions apply:

This insurance does not apply to:

- a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- b. "Bodily injury" or "property damage" included within the "products-completed operations hazard."

- C. The insurance afforded to additional insureds described in Paragraphs **A.** and **B.**:

- 1. Only applies to the extent permitted by law;
- 2. Will not be broader than that which you are required by the written contract, written agreement, written permit or written authorization to provide for such additional insured;
- 3. Does not apply to any person, organization, state, governmental agency or subdivision or political subdivision specifically named as an additional insured for the same project in the schedule of an endorsement added to this Coverage Part; and
- 4. Does not apply to the City of Chicago, its officers, employees and agents with respect to liability caused by or arising from:
 - a. The building or disassembly of scaffolding by or for you; or
 - b. The use of such scaffolding.

- D. With respect to the insurance afforded to the additional insureds described in Paragraphs **A.** and **B.**, the following is added to **Section III - Limits Of Insurance**:

The most we will pay on behalf of the additional insured is the amount of insurance:

- 1. Required by the written contract, written agreement, written permit or written authorization described in Paragraphs **A.** and **B.** For the purpose of determining the required amount of insurance only, we will include the minimum amount of any Umbrella Liability or Excess Liability coverage required for that additional insured in that written contract, written agreement, written permit or written authorization; or
- 2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance shown in the Declarations.

E. Section IV - Commercial General Liability Conditions is amended to add the following:

Automatic Additional Insured Provision

This insurance applies only if the "bodily injury" or "property damage" occurs, or the "personal and advertising injury" offense is committed:

1. During the policy period; and
2. Subsequent to your execution of the written contract or written agreement, or the issuance of a written permit or written authorization, described in Paragraphs **A.** and **B.**

F. Except when **G.** below applies, the following is added to **Section IV - Commercial General Liability Conditions, 5. Other Insurance**, and supersedes any provision to the contrary:

When Other Additional Insured Coverage Applies On An Excess Basis

This insurance is primary to other insurance available to the additional insured described in Paragraphs **A.** and **B.** except:

1. As otherwise provided in **Section IV - Commercial General Liability Conditions, Other Insurance, b. Excess Insurance**; or
2. For any other valid and collectible insurance available to the additional insured as an additional insured on another insurance policy that is written on an excess basis. In such case, this insurance is also excess.

G. The following is added to **Section IV - Commercial General Liability Conditions, Other Insurance**, and supersedes any provision to the contrary:

Primary Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and

2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary to any other insurance available to the additional insured.

Item 5.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

Primary And Noncontributory Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to and will not seek contribution from any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

H. Section IV - Commercial General Liability Conditions, Transfer Of Rights Of Recovery Against Others To Us is amended by the addition of the following:

Waiver of Subrogation

We waive any right of recovery against any additional insured under this endorsement, because of any payment we make under this endorsement, to whom the insured has waived its right of recovery in a written contract, written agreement, written permit or written authorization. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such additional insured prior to loss.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART SCHEDULE

Designated Location(s):

EACH LOCATION OWNED, RENTED OR LEASED TO OR BY THE NAMED INSURED

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** - Coverage **A**, and for all medical expenses caused by accidents under Section **I** - Coverage **C**, which can be attributed only to operations at a single designated "location" shown in the Schedule above:
1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.
- 4.** The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.
- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** - Coverage **A**, and for all medical expenses caused by accidents under Section **I** - Coverage **C**, which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:
1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
 2. Such payments shall not reduce any Designated Location General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.

- D. For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:

"Location" means premises involving the same or connecting lots, or premises whose connec-

tion is interrupted only by a street, roadway, waterway or right-of-way of a railroad.

- E. The provisions of Section **III** - Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

Item 5.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Blanket Waiver of Subrogation

If you are required by a written contract or agreement, which is executed before a loss, to waive your rights of recovery from others, we agree to waive our rights of recovery.

This waiver of rights applies to any person or organization for whom the Named Insured has agreed by written contract to furnish this waiver, but shall not be construed to be a waiver with respect to any other operations in which the Insured has no contractual interest.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 08-25-23 Policy No. EWC 062 58 51-02 Endorsement No.

Insured AUSTIN TYLER CONSTRUCTION INC

Insurance Company THE CINCINNATI INSURANCE COMPANY

Premium \$INCL

Countersigned by _____

WC 00 03 13

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Performance Bond

CONTRACTOR:

(Name, legal status and address)

Austin Tyler Construction, Inc.
23343 S. Ridge Rd.
Elwood, IL. 60421

SURETY:

(Name, legal status and principal place of business)

Old Republic Surety Company

Mailing Address for Notices

18500 W Corporate Drive
Suite 170
Brookfield, WI. 53045

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

City of Crest Hill
20600 City Center Boulevard
Crest Hills, IL. 60403

CONSTRUCTION CONTRACT

Date: June 4, 2024

Amount: \$ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Description:

(Name and location)

Circle Street, Green Street Caton Farm Road to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

BOND

Date: June 4, 2024

(Not earlier than Construction Contract Date)

Amount: \$ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Modifications to this Bond:

☒ None

☐ See Section 16

CONTRACTOR AS PRINCIPAL

Company: (Corporate Seal)

Austin Tyler Construction, Inc.

SURETY

Company: (Corporate Seal)

Old Republic Surety Company

Signature:

Name
and Title:

Gary S. Schumal, President

Signature:

Name
and Title:

Maureen Rott, Attorney in Fact

(Any additional signatures appear on the last page of this Performance Bond.)

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

Robertson Ryan & Associates
1770 Park St. Suite 210
Naperville, IL 60563

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party:)

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after

- .1 the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
- .2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
- .3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

§ 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

§ 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

§ 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

§ 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

- .1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
- .2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 If the Surety elects to act under Section 5.1, 5.2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for

- .1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
- .2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
- .3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

§ 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is limited to the amount of this Bond.

§ 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 14 Definitions

§ 14.1 Balance of the Contract Price. The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

§ 14.2 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

§ 14.3 Contractor Default. Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

§ 14.4 Owner Default. Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 14.5 Contract Documents. All the documents that comprise the agreement between the Owner and Contractor.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

Company: *(Corporate Seal)*

Austin Tyler Construction, Inc.

Signature: _____

Name and Title:

Address

SURETY

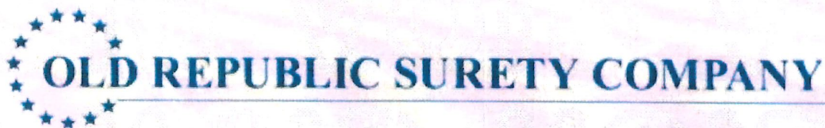
Company: *(Corporate Seal)*

Old Republic Surety Company

Signature: _____

Name and Title:

Address



Bond#7463825

Item 5.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

(i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or

(ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or

(iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification there of authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 11TH day of JANUARY, 2024.

Karen J. Staffner

Assistant Secretary



OLD REPUBLIC SURETY COMPANY

Alan Pavlic

President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 11TH day of JANUARY, 2024, personally came before me, Alan Pavlic and Karen J. Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson

Notary Public

My commission expires: 9/28/2026

(Expiration of notary commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338



Signed and sealed at the City of Brookfield, WI this 3rd day of June 2024

Karen J. Staffner

Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

BOND # 7463825

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Payment Bond

CONTRACTOR:

(Name, legal status and address)

Austin Tyler Construction, Inc.
23343 S. Ridge Rd.
Elwood, IL. 60421

SURETY:

(Name, legal status and principal place of business)

Old Republic Surety Company

Mailing Address for Notices

18500 W Corporate Drive
Suite 170
Brookfield, WI. 53045

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

City of Crest Hill
20600 City Center Boulevard
Crest Hills, IL. 60403

CONSTRUCTION CONTRACT

Date: June 4, 2024

Amount: \$ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Description:

(Name and location)

Circle Street, Green Street Caton Farm Road to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

BOND

Date: June 4, 2024

(Not earlier than Construction Contract Date)

Amount: \$ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Modifications to this Bond:



None



See Section 18

CONTRACTOR AS PRINCIPAL

Company:

(Corporate Seal)

SURETY

Company:

(Corporate Seal)

Old Republic Surety Company

Signature:

Name and Title:

Gary S. Schumal, President

Signature:

Name and Title:

Maureen Rott Attorney-In-Fact

(Any additional signatures appear on the last page of this Payment Bond.)

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

Robertson Ryan & Associates
1770 Park St. Suite 210
Naperville, IL 60563

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party:)

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.

§ 2 If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Section 13) of claims, demands, liens or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety.

§ 4 When the Owner has satisfied the conditions in Section 3, the Surety shall promptly and at the Surety's expense defend, indemnify and hold harmless the Owner against a duly tendered claim, demand, lien or suit.

§ 5 The Surety's obligations to a Claimant under this Bond shall arise after the following:

§ 5.1 Claimants, who do not have a direct contract with the Contractor,

- .1 have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
- .2 have sent a Claim to the Surety (at the address described in Section 13).

§ 5.2 Claimants, who are employed by or have a direct contract with the Contractor, have sent a Claim to the Surety (at the address described in Section 13).

§ 6 If a notice of non-payment required by Section 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Section 5.1.1.

§ 7 When a Claimant has satisfied the conditions of Sections 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:

§ 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and

§ 7.2 Pay or arrange for payment of any undisputed amounts.

§ 7.3 The Surety's failure to discharge its obligations under Section 7.1 or Section 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Section 7.1 or Section 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

§ 8 The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Section 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

§ 9 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

§ 10 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to, or give notice on behalf of, Claimants or otherwise have any obligations to Claimants under this Bond.

§ 11 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 12 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Section 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 13 Notice and Claims to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.

§ 14 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 15 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

§ 16 Definitions

§ 16.1 Claim. A written statement by the Claimant including at a minimum:

- .1 the name of the Claimant;
- .2 the name of the person for whom the labor was done, or materials or equipment furnished;
- .3 a copy of the agreement or purchase order pursuant to which labor, materials or equipment was furnished for use in the performance of the Construction Contract;
- .4 a brief description of the labor, materials or equipment furnished;
- .5 the date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
- .6 the total amount earned by the Claimant for labor, materials or equipment furnished as of the date of the Claim;
- .7 the total amount of previous payments received by the Claimant; and
- .8 the total amount due and unpaid to the Claimant for labor, materials or equipment furnished as of the date of the Claim.

§ 16.2 Claimant. An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

§ 16.3 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.

§ 16.4 Owner Default. Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 16.5 Contract Documents. All the documents that comprise the agreement between the Owner and Contractor.

§ 17 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 18 Modifications to this bond are as follows:

(Space is provided below for additional signatures of additional parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

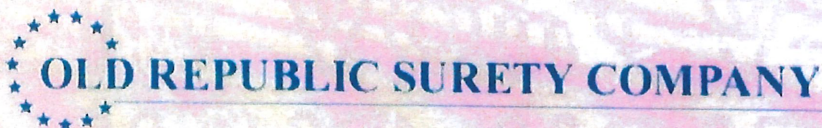
Company: _____
(Corporate Seal)

SURETY

Company: _____
(Corporate Seal)

Signature: _____
Name and Title: _____
Address _____

Signature: _____
Name and Title: _____
Address _____



Bond#7463825

Item 5.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification there of authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 11TH day of JANUARY, 2024.

Karen J. Haffner

Assistant Secretary



OLD REPUBLIC SURETY COMPANY

Alan Pavlic

President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 11TH day of JANUARY, 2024

, personally came before me, Alan Pavlic and Karen J. Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson

Notary Public

My commission expires: 9/28/2026

(Expiration of notary commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked, and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338



Signed and sealed at the City of Brookfield, WI this 3rd day of June 2024

Karen J. Haffner

Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

CREST HILL
WILL COUNTY, ILLINOIS
NOTICE TO CONTRACTORS

Item 5.

The City of Crest Hill's Engineering Department will receive sealed proposals for the following improvements at the Clerk's office, 20600 City Center Boulevard, Crest Hill, Illinois 60403, until 10:00 A.M. on April 25, 2024.

CIRCLE STREET AND GREEN STREET WATER MAIN IMPROVEMENT PROJECT

Sealed proposals will be opened and read publicly at City Hall at 20600 City Center Boulevard in the Council Chambers, Crest Hill, Illinois 60403 at 10:00 A.M. April 25, 2024. No bid shall be withdrawn after the opening of the proposals without the consent of the Engineering Department or the Mayor and City Council for a period of forty-five days after the scheduled time of closing bids.

All proposals shall be sealed in an envelope addressed to the City of Crest Hill, attention Engineering Department. The name and address of the bidder and the name of the project shall also appear on the outside of the envelope. Proposals must be submitted on the forms provided.

The Contract Documents may be examined without charge at the office of V3 Companies, 7325 Janes Ave, Woodridge, IL 60517, or by sending an email request to Jason Holy @ jholy@v3co.com

The Bid Documents, including plans and specifications may be obtained from the V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set. The Bid Documents will only be transmitted electronically. The bid documents will be issued until 5:00 P.M. on April 22, 2024

A certified check/bank draft drawn on a solvent bank, payable without condition to the City or bid bond in an amount not less than 10% shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into, and the performance of the contract is properly secured.

A performance and payment bond in a sum equal to 100% of the amount authorized with sureties to be approved by the Mayor and City Council for the faithful performance of the contract must be furnished by the successful bidder. All bids or proposals shall contain an offer to furnish bond upon acceptance of such bid or proposal.

The right is reserved to reject any or all proposals, to waive technicalities, to postpone the bid opening, or to advertise for new proposals, if in the judgment of the Engineering Department or Mayor and City Council their best interests will be promoted thereby.

The contractor will be required to pay not less than the prevailing wage rates on this project as established by the Illinois Department of Labor. He shall also comply with all applicable Federal, State and local regulations.

Prequalification will be required to be submitted to the engineer by all potential bidders. If in the opinion of the City Engineer and the Mayor and City Council, an applicant would not be able to serve the best interest of the city, a proposal will not be issued to the applicant.

City of Crest Hill Engineer
Department

INSTRUCTIONS TO BIDDERS

GENERAL

Proposals will be received by the City of Crest Hill's Engineering Department, for the construction of,

CIRCLE STREET AND GREEN STREET WATER MAIN IMPROVEMENT PROJECT

In accordance with the legal advertisement attached hereto entitled "Notice to Contractors".

The Notice to Contractors, Instructions to Bidders, Contractor's Proposal, Certificate as to Corporate Principal, Certified Check/Bid Bond, Specifications, Plans, Contract, the Performance Bond and the Maintenance Bond, shall be considered in every bid submitted and will become a part of every contract subsequently entered into for doing the work referred to herein.

EXAMINATION OF PLANS, SPECIFICATIONS AND SITE OF WORK

See Division 100, General Requirements and Covenants, Section 2, 2-3

PRE-QUALIFICATION

Proposers must be experienced in the construction of the type of facilities to be constructed under the contract for which a proposal is submitted. Which for the improvement is water main and storm sewer installation, pavement restoration and finishing.

DOCUMENTS OBTAINED FROM OTHER SOURCES

The Bid Documents, including plans and specifications may be obtained from V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set.

PROPOSALS

Proposals are solicited on the basis of a unit price bid for the work completed. They shall be made on the printed forms herewith attached. The blank spaces must be filled in correctly where indicated. The amount of the proposal must include all work necessary to make the project ready for operation, as shown on the plans and called for in the specifications. The proposal shall be for the work complete.

In the event of any difference or discrepancy in any amount or amounts which is set out both in words and in figures, in any of the contract documents or in the formal proposal of the Contractor, the written word or words shall not be construed to either limit or destroy the legal status of a unit price Contract.

Proposals that contain any omissions, erasures, or alterations or that contain additions or items not called for in the Contract Specifications and Plans, or that are deemed by the City of Crest Hill to contain irregularities of any kind may be rejected as informal.

No proposals will be accepted unless the bidder submitting it furnishes evidence satisfactory to the City of Crest Hill of his experience and familiarity with work of the character specified and of the legal status of the bidder, that is, as a corporation, partnership, or an individual which must be stated in the proposal. A corporation bidder must name the state in which its articles of incorporation are held. A partnership proposer must give the full name and address of all partners. When a firm

submits a proposal, the individual names of all its members shall be written and shall be signed in full but the signers may, if they choose, describe themselves, in addition as doing business under a firm name and style.

In cases where a corporation submits a proposal, the proposal must be signed in the name of and under the seal of the corporation by a duly authorized officer or agent of the corporation and his address given. Such officer or agent must present legal evidence that he or she has lawful authority to sign said proposal and that the signature is binding upon the corporation and that the corporation has a legal existence. In the event that any corporation organized and doing business under the laws of any foreign state, is the successful proposer, such corporation shall present evidence before a contract of said work is executed that it is authorized to do business in the State of Illinois.

Decisions on the acceptance or rejection of the various proposals will be made as soon as practicable after proposals are received, but the right is reserved by the City of Crest Hill to reject any or all proposals and to defer action on awarding a contract for sixty (60) days after proposals are received and opened.

THE PROPOSAL MUST NOT BE DETACHED HEREFROM OR FROM THE CONTRACT BY ANY PROPOSER WHEN SUBMITTING A PROPOSAL.

SOURCE AND NATURE OF FUNDS AVAILABLE

The payment for the proposed improvement referred to herein shall be made by the City of Crest Hill only after it has received a properly executed claim and approved pay estimate.

MATERIAL GUARANTEE

Before any proposal is awarded, the proposer may be required to furnish a complete statement of the original composition and manufacturer of any or all the materials to be used in the construction of the work along with any required samples. These samples will be subjected to the requirements spelled out in the contract documents to determine their quality and if the samples meet the requirements as specified. When the Contractor orders materials which will be subject to the tests as required by the contract documents, he shall state clearly to the Vendor that the material ordered is subject to such tests and the samples will not be used for the completion of work under this contract.

CONSIDERATION OF PROPOSALS/PROPOSAL

See Division 100, General Requirements and Covenants, Section 2, and Section 3, 3-1

BASIS OF AWARD

The award of the proposal will be made based on the summation of unit prices multiplied by the number of units for the entire improvement unless otherwise specified in the project special provisions. The contract for the construction of the work will be awarded based on the lowest total monetary Proposal Price for the entire improvement unless otherwise specified in the project special provisions, submitted by a qualified and responsible proposer. See Division 100, Section 3-2 for additional information.

In determining the most responsive and responsible proposer, the City reserves the right to take into account and give responsible weight to the items listed in Division 100, Section 2-13.

No proposal will be awarded to any proposer whose work and/or equipment and materials as proposed do not, in the opinion of, the City, conform to the intent of the specifications.

The City reserves the right to award in part or in whole, or to not award whatever is deemed in the best interest of the Municipality. The city of Crest Hill further reserves the right to reject any or all bids.

See Division 100, General Requirements and Covenants, Section 3, 3-2 for timing of award.

PERFORMANCE AND PAYMENT BOND

The successful Contractor shall furnish to the city within ten (10) days after the successful proposer has been notified of the acceptance of his proposal;

1. A performance bond satisfactory to the city, executed by a surety company authorized to do business in the State of Illinois, in an amount equal to 100 percent (100%) of the amount authorized or a purchased order issued by the municipality conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans, and contract. The performance bond shall be properly executed and signed at the time of filing of said bonds. Said bonds are to remain in full force and effect up to and including the final acceptance of the work.
2. A payment bond satisfactory to the city executed by surety company authorized to do business in the State of Illinois, for the protection of all persons supplying labor and materials to the Contractor or Subcontractors for the performance of the work provided for in the contract, in the amount 100 percent (100%) of the amount authorized or a purchased order issued by the city. In no case shall the bond be in an amount less than one Thousand Dollars (\$1,000).
3. Documents required by this section must be received and approved by the city before a written contract will be issued.

All bonds must be from companies having of at least A-minus and of a class size of at least X as determined by A.M. Best Rating. The cost of acquiring these bonds shall be incidental to the construction contract.

MAINTENANCE BOND

Before the construction bond shall be released, the Contractor shall file a maintenance bond in an amount equal to ten percent (10%) of the amount the contract price prior to completion and final payment of the contract, as a guarantee that all workmanship and material furnished by the Contractor under the Contract shall be kept in satisfactory condition for a period of one (1) year, after the date of acceptance of the work by the City of Crest Hill. The surety required upon such maintenance bond shall be any surety company legally authorized to transact business in the State of Illinois. Said bond to be subject to the approval of the City of Crest Hill.

The cost of acquiring this bond shall be incidental to the construction contract.

RETAINAGE

Retainage will be held based on Public Act 103-0570. 10% will be held up to 50% completion of the project. When more than 50% of the contract is completed 5% will be withheld.

SUBCONTRACTORS

If any Bidder submitting a bid intends on subcontracting out all or any portion of the engagement, that fact, and the **name of the proposed subcontracting firm(s) must be clearly disclosed in the bid on the forms provided herein** (use additional forms if necessary).

In the event the Contractor requires a change of the subcontractor(s) identified, a written request from the Contractor and a written approval from the City of Crest Hill is required.

Notwithstanding written consent to subcontract approved by the City, the Contractor shall perform the Contractor's own organization, work amount to not be less than fifty (50%) percent of the total contract cost, and the materials purchased or produced by the Contractor.

Failure to identify subcontractors could result in disqualification.

SERVICEMEN'S EMPLOYEES TENURE ACT

The Contractor shall abide by the Servicemen's Employees Tenure Act, as amended, 330 ILCS 60/2, "safeguarding the employment and the rights and privileges inhering in the employment contract, of servicemen."

CHILD LABOR LAW

The Contractor shall abide by the Child Labor Law, as amended, 820 ILCS 205/1, which provides: "No minor under 16 years of age...at any time shall be employed, permitted or suffered to work in any gainful occupation...in any type of construction work within the state."

DRUG FREE WORK PLACE

The Contractor, as a party to a public contract, certifies and agrees that it will provide a drug free workplace through the Drug Free Workplace Act. A copy of this policy shall be included with the executed contract to each Municipality.

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECT ACT

The Contractor agrees to comply with the Substance Abuse Prevention on Public Works Project Act, as amended, 620 ILCS 265/1 et Seq., and further agrees that all of its subcontractors shall comply with such Act.

PREVAILING WAGE RATES

The contractor shall follow the Prevailing Wage Act, as amended, 820 ILCS 130/0.01 et seq. on this project.

The current Prevailing Wages Rates for this project are for Will and Grundy County and they can be found at: <http://www.state.il.us/agency/idol/rates/rates.HTM>

NUMBER OF COPIES OF CONTRACT

See Division 100, General Requirements and Covenants Section 3-5

FAILURE TO EXECUTE CONTRACT

See Division 100, General Requirements and Covenants Section 3-6.

ESTIMATE OF QUANTITIES

The attention of all prospective proposers on the construction improvement provided for herein is also directed to the following:

An Estimate of Quantities for the proposed improvement is included herein. The Estimate of Quantities shown is believed to be substantially correct, but is not guaranteed as to correctness by either the City of Crest Hill, or by the Engineer, or by any representative of the City of Crest Hill or of the Engineer.

INSURANCE

See Division 100, General Requirements and Covenants Section 7-2.

A **Certificate of Insurance** that states **the City** has been endorsed as an “additional insured” by the Contractor’s **Insurance carrier. Specifically, this Certificate must include the following language: “The (municipality’s name inserted). And their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above referenced policy number _____ on a primary and non-contributory basis for general liability insurance and automobile liability coverage for the duration of the contract term.”**

In the event the Contractor fails to obtain or maintain any insurance coverages required under this agreement each municipality may purchase such insurance coverages and charge the expense thereof to the Contractor.

CHANGE IN STATUS

The Contractor shall notify the city immediately of any change in its status resulting from any of the following: (a) Contractor is acquired by another party; (b) change of greater than 5% ownership interest; (c) Contractor becomes insolvent; (d) Contractor, voluntarily or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (e) Contractor ceases to conduct its operations in the normal course of business. The city shall have the option to terminate this agreement with the Contractor immediately on written notice based on any such change in status.

INVOICES, PAYMENTS, AND QUANTITIES

The Contractor shall submit invoices the city or their authorized representative detailing the services provided directly to the City. All services shall be invoiced based on unit pricing and quantities used. The City shall only pay for quantities used or ordered. Quantities may be adjusted up or down based on the needs of the City. Payment shall be made in accordance with the Local Government Prompt Payment Act.

Invoices shall be delivered to:

City of Crest Hill

Ronald J Wiedeman
 City Engineer
 2090 Oakland Avenue
 Crest Hill Illinois 60403

AUDIT/ACCESS TO RECORDS

- A. The Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. The Contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection, (Negotiation, of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the Municipality. The Municipality or any of its duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The Contractor will provide facilities for such access and inspection.
- B. If this contract is a formally advertised, competitively awarded, fixed price contract, the contractor agrees to include access to records as specified above. This requirement is applicable to all negotiated change orders and contract amendments in excess of \$25,000, which affect the contract prices. In all other prime contracts, the contractor also agrees to include access to records as specified above in all its contracts and all tier subcontracts or change orders thereto directly related to project performance, which are in excess of \$25,000.
- C. Audits conducted in pursuant to this provision shall be consistent with accepted auditing standards in accordance with the American Institute of Public Accountants Professional Standards.
- D. The contractor agrees to the disclosure of all information and reports resulting from access to records pursuant to the subsection above. Where the audit concerns the contractor, the auditing agency will afford the contractor an opportunity for an audit exit conference and an opportunity to comment on the pertinent portions of the draft audit report. The final audit report will include the written comments, if any, of the audited parties.\
- E. Records under the subsection above shall be maintained and made available during performance of the work under this agreement and until three years from the date of final audit for the project. In addition, these records with relate to any dispute or litigation or the settlement of claims arising out of such performances, costs or items to which an audit exception has been taken, shall be maintained and made available for three years after the date of resolution of such dispute, appeal, litigation, claim or exception.
- F. The right of access conferred by this clause will generally be exercised (with respect to financial records) under:
 - a. Negotiated prime contractor
 - b. Negotiated change orders or contract amendments in excess of \$25,000 affecting the price of any formally advertised, competitively awarded, fixed rate contract; and
 - c. Subcontracts or purchase orders under any contract other than a formally advertised, competitively awarded, fixed price contract.

- G. The right of access will generally not be exercised with respect to the prime contract, subcontract or purchase order awarded after effective price competition. In any event, the right of access shall be exercised under any type of contract of subcontract:
- a. With respect to records pertaining directly to contract performance, excluding any financial records of the contractor; and
 - b. If there is any indication that fraud, gross abuse, or corrupt practices may be involved.

COOPERATION WITH FOIA COMPLIANCE

Contractor acknowledges that the Freedom of Information Act may apply to public records in possession of the Contractor or a subcontractor. Contractor and all of its subcontractors shall cooperate with the municipality in its efforts to comply with the freedom of information Act. 5 ILCS 140/1 et.seq.

LICENSE

The successful contractor and all sub-contractors shall have a license to work in the City of Crest Hill.

CREST HILL
WILL COUNTY, ILLINOIS
NOTICE TO CONTRACTORS

Item 5.

The City of Crest Hill's Engineering Department will receive sealed proposals for the following improvements at the Clerk's office, 20600 City Center Boulevard, Crest Hill, Illinois 60403, until 10:00 A.M. on April 25, 2024.

CIRCLE STREET AND GREEN STREET WATER MAIN IMPROVEMENT PROJECT

Sealed proposals will be opened and read publicly at City Hall at 20600 City Center Boulevard in the Council Chambers, Crest Hill, Illinois 60403 at 10:00 A.M. April 25, 2024. No bid shall be withdrawn after the opening of the proposals without the consent of the Engineering Department or the Mayor and City Council for a period of forty-five days after the scheduled time of closing bids.

All proposals shall be sealed in an envelope addressed to the City of Crest Hill, attention Engineering Department. The name and address of the bidder and the name of the project shall also appear on the outside of the envelope. Proposals must be submitted on the forms provided.

The Contract Documents may be examined without charge at the office of V3 Companies, 7325 Janes Ave, Woodridge, IL 60517, or by sending an email request to Jason Holy @ jholy@v3co.com

The Bid Documents, including plans and specifications may be obtained from the V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set. The Bid Documents will only be transmitted electronically. The bid documents will be issued until 5:00 P.M. on April 22, 2024

A certified check/bank draft drawn on a solvent bank, payable without condition to the City or bid bond in an amount not less than 10% shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into, and the performance of the contract is properly secured.

A performance and payment bond in a sum equal to 100% of the amount authorized with sureties to be approved by the Mayor and City Council for the faithful performance of the contract must be furnished by the successful bidder. All bids or proposals shall contain an offer to furnish bond upon acceptance of such bid or proposal.

The right is reserved to reject any or all proposals, to waive technicalities, to postpone the bid opening, or to advertise for new proposals, if in the judgment of the Engineering Department or Mayor and City Council their best interests will be promoted thereby.

The contractor will be required to pay not less than the prevailing wage rates on this project as established by the Illinois Department of Labor. He shall also comply with all applicable Federal, State and local regulations.

Prequalification will be required to be submitted to the engineer by all potential bidders. If in the opinion of the City Engineer and the Mayor and City Council, an applicant would not be able to serve the best interest of the city, a proposal will not be issued to the applicant.

City of Crest Hill Engineer
Department

INSTRUCTIONS TO BIDDERS

GENERAL

Proposals will be received by the City of Crest Hill's Engineering Department, for the construction of,

CIRCLE STREET AND GREEN STREET WATER MAIN IMPROVEMENT PROJECT

In accordance with the legal advertisement attached hereto entitled "Notice to Contractors".

The Notice to Contractors, Instructions to Bidders, Contractor's Proposal, Certificate as to Corporate Principal, Certified Check/Bid Bond, Specifications, Plans, Contract, the Performance Bond and the Maintenance Bond, shall be considered in every bid submitted and will become a part of every contract subsequently entered into for doing the work referred to herein.

EXAMINATION OF PLANS, SPECIFICATIONS AND SITE OF WORK

See Division 100, General Requirements and Covenants, Section 2, 2-3

PRE-QUALIFICATION

Proposers must be experienced in the construction of the type of facilities to be constructed under the contract for which a proposal is submitted. Which for the improvement is water main and storm sewer installation, pavement restoration and finishing.

DOCUMENTS OBTAINED FROM OTHER SOURCES

The Bid Documents, including plans and specifications may be obtained from V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set.

PROPOSALS

Proposals are solicited on the basis of a unit price bid for the work completed. They shall be made on the printed forms herewith attached. The blank spaces must be filled in correctly where indicated. The amount of the proposal must include all work necessary to make the project ready for operation, as shown on the plans and called for in the specifications. The proposal shall be for the work complete.

In the event of any difference or discrepancy in any amount or amounts which is set out both in words and in figures, in any of the contract documents or in the formal proposal of the Contractor, the written word or words shall not be construed to either limit or destroy the legal status of a unit price Contract.

Proposals that contain any omissions, erasures, or alterations or that contain additions or items not called for in the Contract Specifications and Plans, or that are deemed by the City of Crest Hill to contain irregularities of any kind may be rejected as informal.

No proposals will be accepted unless the bidder submitting it furnishes evidence satisfactory to the City of Crest Hill of his experience and familiarity with work of the character specified and of the legal status of the bidder, that is, as a corporation, partnership, or an individual which must be stated in the proposal. A corporation bidder must name the state in which its articles of incorporation are held. A partnership proposer must give the full name and address of all partners. When a firm

submits a proposal, the individual names of all its members shall be written and shall be signed in full but the signers may, if they choose, describe themselves, in addition as doing business under a firm name and style.

In cases where a corporation submits a proposal, the proposal must be signed in the name of and under the seal of the corporation by a duly authorized officer or agent of the corporation and his address given. Such officer or agent must present legal evidence that he or she has lawful authority to sign said proposal and that the signature is binding upon the corporation and that the corporation has a legal existence. In the event that any corporation organized and doing business under the laws of any foreign state, is the successful proposer, such corporation shall present evidence before a contract of said work is executed that it is authorized to do business in the State of Illinois.

Decisions on the acceptance or rejection of the various proposals will be made as soon as practicable after proposals are received, but the right is reserved by the City of Crest Hill to reject any or all proposals and to defer action on awarding a contract for sixty (60) days after proposals are received and opened.

THE PROPOSAL MUST NOT BE DETACHED HEREFROM OR FROM THE CONTRACT BY ANY PROPOSER WHEN SUBMITTING A PROPOSAL.

SOURCE AND NATURE OF FUNDS AVAILABLE

The payment for the proposed improvement referred to herein shall be made by the City of Crest Hill only after it has received a properly executed claim and approved pay estimate.

MATERIAL GUARANTEE

Before any proposal is awarded, the proposer may be required to furnish a complete statement of the original composition and manufacturer of any or all the materials to be used in the construction of the work along with any required samples. These samples will be subjected to the requirements spelled out in the contract documents to determine their quality and if the samples meet the requirements as specified. When the Contractor orders materials which will be subject to the tests as required by the contract documents, he shall state clearly to the Vendor that the material ordered is subject to such tests and the samples will not be used for the completion of work under this contract.

CONSIDERATION OF PROPOSALS/PROPOSAL

See Division 100, General Requirements and Covenants, Section 2, and Section 3, 3-1

BASIS OF AWARD

The award of the proposal will be made based on the summation of unit prices multiplied by the number of units for the entire improvement unless otherwise specified in the project special provisions. The contract for the construction of the work will be awarded based on the lowest total monetary Proposal Price for the entire improvement unless otherwise specified in the project special provisions, submitted by a qualified and responsible proposer. See Division 100, Section 3-2 for additional information.

In determining the most responsive and responsible proposer, the City reserves the right to take into account and give responsible weight to the items listed in Division 100, Section 2-13.

No proposal will be awarded to any proposer whose work and/or equipment and materials as proposed do not, in the opinion of, the City, conform to the intent of the specifications.

The City reserves the right to award in part or in whole, or to not award whatever is deemed in the best interest of the Municipality. The city of Crest Hill further reserves the right to reject any or all bids.

See Division 100, General Requirements and Covenants, Section 3, 3-2 for timing of award.

PERFORMANCE AND PAYMENT BOND

The successful Contractor shall furnish to the city within ten (10) days after the successful proposer has been notified of the acceptance of his proposal;

1. A performance bond satisfactory to the city, executed by a surety company authorized to do business in the State of Illinois, in an amount equal to 100 percent (100%) of the amount authorized or a purchased order issued by the municipality conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans, and contract. The performance bond shall be properly executed and signed at the time of filing of said bonds. Said bonds are to remain in full force and effect up to and including the final acceptance of the work.
2. A payment bond satisfactory to the city executed by surety company authorized to do business in the State of Illinois, for the protection of all persons supplying labor and materials to the Contractor or Subcontractors for the performance of the work provided for in the contract, in the amount 100 percent (100%) of the amount authorized or a purchased order issued by the city. In no case shall the bond be in an amount less than one Thousand Dollars (\$1,000).
3. Documents required by this section must be received and approved by the city before a written contract will be issued.

All bonds must be from companies having of at least A-minus and of a class size of at least X as determined by A.M. Best Rating. The cost of acquiring these bonds shall be incidental to the construction contract.

MAINTENANCE BOND

Before the construction bond shall be released, the Contractor shall file a maintenance bond in an amount equal to ten percent (10%) of the amount the contract price prior to completion and final payment of the contract, as a guarantee that all workmanship and material furnished by the Contractor under the Contract shall be kept in satisfactory condition for a period of one (1) year, after the date of acceptance of the work by the City of Crest Hill. The surety required upon such maintenance bond shall be any surety company legally authorized to transact business in the State of Illinois. Said bond to be subject to the approval of the City of Crest Hill.

The cost of acquiring this bond shall be incidental to the construction contract.

RETAINAGE

Retainage will be held based on Public Act 103-0570. 10% will be held up to 50% completion of the project. When more than 50% of the contract is completed 5% will be withheld.

SUBCONTRACTORS

If any Bidder submitting a bid intends on subcontracting out all or any portion of the engagement, that fact, and the **name of the proposed subcontracting firm(s) must be clearly disclosed in the bid on the forms provided herein** (use additional forms if necessary).

In the event the Contractor requires a change of the subcontractor(s) identified, a written request from the Contractor and a written approval from the City of Crest Hill is required.

Notwithstanding written consent to subcontract approved by the City, the Contractor shall perform the Contractor's own organization, work amount to not be less than fifty (50%) percent of the total contract cost, and the materials purchased or produced by the Contractor.

Failure to identify subcontractors could result in disqualification.

SERVICEMEN'S EMPLOYEES TENURE ACT

The Contractor shall abide by the Servicemen's Employees Tenure Act, as amended, 330 ILCS 60/2, "safeguarding the employment and the rights and privileges inhering in the employment contract, of servicemen."

CHILD LABOR LAW

The Contractor shall abide by the Child Labor Law, as amended, 820 ILCS 205/1, which provides: "No minor under 16 years of age...at any time shall be employed, permitted or suffered to work in any gainful occupation...in any type of construction work within the state."

DRUG FREE WORK PLACE

The Contractor, as a party to a public contract, certifies and agrees that it will provide a drug free workplace through the Drug Free Workplace Act. A copy of this policy shall be included with the executed contract to each Municipality.

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECT ACT

The Contractor agrees to comply with the Substance Abuse Prevention on Public Works Project Act, as amended, 620 ILCS 265/1 et Seq., and further agrees that all of its subcontractors shall comply with such Act.

PREVAILING WAGE RATES

The contractor shall follow the Prevailing Wage Act, as amended, 820 ILCS 130/0.01 et seq. on this project.

The current Prevailing Wages Rates for this project are for Will and Grundy County and they can be found at: <http://www.state.il.us/agency/idol/rates/rates.HTM>

NUMBER OF COPIES OF CONTRACT

See Division 100, General Requirements and Covenants Section 3-5

FAILURE TO EXECUTE CONTRACT

See Division 100, General Requirements and Covenants Section 3-6.

ESTIMATE OF QUANTITIES

The attention of all prospective proposers on the construction improvement provided for herein is also directed to the following:

An Estimate of Quantities for the proposed improvement is included herein. The Estimate of Quantities shown is believed to be substantially correct, but is not guaranteed as to correctness by either the City of Crest Hill, or by the Engineer, or by any representative of the City of Crest Hill or of the Engineer.

INSURANCE

See Division 100, General Requirements and Covenants Section 7-2.

A Certificate of Insurance that states the City has been endorsed as an “additional insured” by the Contractor’s Insurance carrier. Specifically, this Certificate must include the following language: “The (municipality’s name inserted). And their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above referenced policy number_____ on a primary and non-contributory basis for general liability insurance and automobile liability coverage for the duration of the contract term.”

In the event the Contractor fails to obtain or maintain any insurance coverages required under this agreement each municipality may purchase such insurance coverages and charge the expense thereof to the Contractor.

CHANGE IN STATUS

The Contractor shall notify the city immediately of any change in its status resulting from any of the following: (a) Contractor is acquired by another party; (b) change of greater than 5% ownership interest; (c) Contractor becomes insolvent; (d) Contractor, voluntarily or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (e) Contractor ceases to conduct its operations in the normal course of business. The city shall have the option to terminate this agreement with the Contractor immediately on written notice based on any such change in status.

INVOICES, PAYMENTS, AND QUANTITIES

The Contractor shall submit invoices the city or their authorized representative detailing the services provided directly to the City. All services shall be invoiced based on unit pricing and quantities used. The City shall only pay for quantities used or ordered. Quantities may be adjusted up or down based on the needs of the City. Payment shall be made in accordance with the Local Government Prompt Payment Act.

Invoices shall be delivered to:

City of Crest Hill

Ronald J Wiedeman
 City Engineer
 2090 Oakland Avenue
 Crest Hill Illinois 60403

AUDIT/ACCESS TO RECORDS

- A. The Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. The Contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection, (Negotiation, of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the Municipality. The Municipality or any of its duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The Contractor will provide facilities for such access and inspection.
- B. If this contract is a formally advertised, competitively awarded, fixed price contract, the contractor agrees to include access to records as specified above. This requirement is applicable to all negotiated change orders and contract amendments in excess of \$25,000, which affect the contract prices. In all other prime contracts, the contractor also agrees to include access to records as specified above in all its contracts and all tier subcontracts or change orders thereto directly related to project performance, which are in excess of \$25,000.
- C. Audits conducted in pursuant to this provision shall be consistent with accepted auditing standards in accordance with the American Institute of Public Accountants Professional Standards.
- D. The contractor agrees to the disclosure of all information and reports resulting from access to records pursuant to the subsection above. Where the audit concerns the contractor, the auditing agency will afford the contractor an opportunity for an audit exit conference and an opportunity to comment on the pertinent portions of the draft audit report. The final audit report will include the written comments, if any, of the audited parties.\
- E. Records under the subsection above shall be maintained and made available during performance of the work under this agreement and until three years from the date of final audit for the project. In addition, these records with relate to any dispute or litigation or the settlement of claims arising out of such performances, costs or items to which an audit exception has been taken, shall be maintained and made available for three years after the date of resolution of such dispute, appeal, litigation, claim or exception.
- F. The right of access conferred by this clause will generally be exercised (with respect to financial records) under:
 - a. Negotiated prime contractor
 - b. Negotiated change orders or contract amendments in excess of \$25,000 affecting the price of any formally advertised, competitively awarded, fixed rate contract; and
 - c. Subcontracts or purchase orders under any contract other than a formally advertised, competitively awarded, fixed price contract.

- G. The right of access will generally not be exercised with respect to the prime contract, subcontract or purchase order awarded after effective price competition. In any event, the right of access shall be exercised under any type of contract of subcontract:
- a. With respect to records pertaining directly to contract performance, excluding any financial records of the contractor; and
 - b. If there is any indication that fraud, gross abuse, or corrupt practices may be involved.

COOPERATION WITH FOIA COMPLIANCE

Contractor acknowledges that the Freedom of Information Act may apply to public records in possession of the Contractor or a subcontractor. Contractor and all of its subcontractors shall cooperate with the municipality in its efforts to comply with the freedom of information Act. 5 ILCS 140/1 et.seq.

LICENSE

The successful contractor and all sub-contractors shall have a license to work in the City of Crest Hill.



E-mail

Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

☐ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)	Item 5.
City of Crest Hill	Will	N/A	Circle Street, Green Street	

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, Public Works

20600 City Center Boulevard, Crest Hill, IL 60403	until 10:00 AM	on 04/25/24
Address	Time	Date

Sealed proposals will be opened and read publicly at the office of Video Recorded and posted on the City's website for public

viewing https://www.cityofcresthill.com/	at 10:00 AM	on 04/25/24
Address	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Circle & Green St- Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root St to Green St	

Proposed Improvement

Water main and service installation; Storm sewer removal and installation; Pavement removal and restoration; Pavement resurfacing; Driveway, Sidewalk, Curb & Gutter removal and replacement; Landscape restoration

1. Plans and proposal forms will be available in the office of

Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)	Item 5.
City of Crest Hill	Will	N/A	Circle Street, Green Street	

PROPOSAL

- Proposal of _____ Contractor's Name _____
Contractor's Address _____
- The plans for the proposed work are those prepared by V3 Companies
and approved by the Department of Transportation on N/A.
- The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
- The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
- The undersigned agrees to complete the work within _____ working days or by _____ unless additional time is granted in accordance with the specifications.
- The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
- Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
- The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
- The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
- A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City Treasurer of Crest Hill.
The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal Section Number N/A for: _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)	Item 5.
City of Crest Hill	Will	N/A	Circle Street, Green Street	

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)	Item 5.
City of Crest Hill	Will	N/A	Circle Street, Green Street	

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Secretary

Treasurer

Attest:

Secretary



E-mail

Reset Form

Local Public Agency

County

Section Number

City of Crest Hill

Will

N/A

WE, _____ as PRINCIPAL, and
_____ as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____
Day Month and Year

Principal

Company Name

Signature & Date

By:

Title

Company Name

Signature & Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Signature of Attorney-in-Fact Signature & Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____.

Day

Month and Year

(SEAL, if required by the LPA)

Notary Public Signature & Date

Date commission expires _____

Local Public Agency	County	Section Number	Item 5.
City of Crest Hill	Will	N/A	

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature & Date

--

Title

--

CREST HILL WATERMAIN IMPROVEMENTS

City of Crest Hill, Illinois

Will County

Bid Tab**Return With Bid**

SP	PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
	20101200	TREE ROOT PRUNING	EACH	14		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	526		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,577		
	28000510	INLET FILTERS	EACH	35		
*	30103000	SHAPING AND GRADING ROADWAY	SQ YD	1,858		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	526		
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	1,188		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,851		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,276		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	142		
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	364		
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	338		
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	663		
*	44000100	PAVEMENT REMOVAL	SQ YD	3,047		
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	4,691		
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,188		
*	50100100	STRUCTURES TO BE REMOVED	EACH	3		
*	56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	142		
*	56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2,048		
*	56105000	WATER VALVES, 8"	EACH	13		
*	56400500	FIRE HYDRANT TO BE REMOVED	EACH	6		
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8		
*	56500800	DOMESTIC WATER SERVICE BOX	EACH	32		
*	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2		
*	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	5		
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13		
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40		
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108		
*	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	481		
*	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 18"	FOOT	149		
*	550A2570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 27"	FOOT	35		
*	X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	125		
*	X0327301	RELOCATE EXISTING MAILBOX	EACH	5		
*	X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	8		
*	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	3,050		
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	800		
*	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	186		
*	X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	1,879		
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	174		
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8		
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	5		
*	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1		
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	2		
*	Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	15		
*		PARKWAY RESTORATION - SODDING	SQ YD	1,327		
*		PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	734		
*		COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,521		
*		INSERTION VALVES, 8"	EACH	2		
*		WATER SERVICE LINE, 1" (SHORT)	EACH	18		
*		WATER SERVICE LINE, 1" (LONG)	EACH	14		
*		CASH ALLOWANCE	UNITS	50,000	1	\$ 50,000.00
*		SUMP LINE	FOOT	100		
*		TEMPORARY ACCESS	EACH	9		
*		FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	2		
*		WATER MAIN CASING SLEEVE	FOOT	40		
TOTAL CONSTRUCTION COST						\$ 50,000.00



Print Form

Reset Form

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if						\$0
Uncompleted Dollar Value if Firm is the Subcontractor						\$0
Total Value of All Work						\$0

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						\$0
Portland Cement Concrete Pa ⁺						\$0
HMA Plant Mix						\$0
HMA Paving						\$0
Clean & Seal Cracks/Joints						\$0
Aggregate Bases, Surfaces						\$0
Highway, R.R., Waterway Struc.						\$0
Drainage						\$0
Electrical						\$0
Cover and Seal Coats						\$0
Concrete Construction						\$0
Landscaping						\$0
Fencing						\$0
Guardrail						\$0
Painting						\$0
Signing						\$0
Cold Milling, Planning, Rotomi ⁺						\$0
Demolition						\$0
Pavement Markings (Paint)						\$0
Other Construction (List)						\$0
						\$0
						\$0
						\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

Item 5.

For each contract described in Part I, list all the work you have subcontracted to others.

- Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts

Subcontractor Form

Contractor Name	Contractor Contact Information	Work Performed

Prime Contractor: _____

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GENERAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022; the latest editions of the "Supplemental Specifications and Interim Special Provisions" and the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways"; the "Manual of Test Procedures for Materials" in effect on the date of the invitation for bids. The specifications included herein apply to and govern the proposed contract except as modified below. However, Division 100, General Requirements and Covenants shall, in all cases, govern the work of this contract. Section 100 "General provisions" of the Standard Specifications is specifically excluded from this contract unless otherwise noted."

When the term "WATER AND SEWER SPECIFICATIONS" is used in the contract documents, it shall refer to the "Standard Specifications for Water and Sewer Main Construction in Illinois", Seventh Edition, adopted in July 2014. The text is available from the Associated General Contractors of Illinois or the Illinois Society of Professional Engineers.

SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK

The BIDDER acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work. It has investigated and satisfied itself as to the general and local conditions which can affect the work or its costs, including but not limited to:

- (1) Conditions bearing upon transportation, disposal, handling and storage of materials
- (2) The availability of labor, water, electric power, and roads
- (3) Uncertainties of weather, river stages, tides, or similar physical conditions at the site
- (4) The conformation and conditions of the ground
- (5) The character of equipment and facilities needed preliminary to and during work performance

The BIDDER also acknowledges that it has satisfactorily assessed the character, quality, and quantity of surface materials, subsurface materials, and obstacles to be encountered from all resources at the BIDDER's disposal including but not limited to: site inspection, exploratory work, drawings, and the specifications. Any failure of the BIDDER to take the actions described and acknowledged in this paragraph causing an improper estimate of the difficulty and cost for successfully performing the work will not relieve them from their responsibility for successfully performing said work at no additional expense to the CITY.

V3 Companies, Ltd. assumes no responsibility for any conclusions or interpretations made by the BIDDER based on the information made available by V3 Companies, Ltd. or the CITY. Neither the CITY nor V3 Companies, Ltd. assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the acceptance of the bid offer and execution of the contract, unless that understanding or representation is expressly stated in the contract.

PREVAILING WAGES

This contract calls for the construction of a “public work”, within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* (“the Act”). The Act requires CONTRACTORS and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the “prevailing rate of wages” (hourly cash wages plus fringe benefits) in the county where the work is performed. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website at: <http://www.state.il.us/agency/idol/rates/rates.HTML>. All CONTRACTORS and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage, notice, and record keeping duties.

CERTIFIED PAYROLL REQUIREMENTS

CONTRACTORS and subcontractors must submit certified payroll records on a monthly basis to The City of Crest Hill along with a statement affirming that such records are true, accurate, and that the wages paid to each worker are not less than the required prevailing rate.

The certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, except for the employee’s address, telephone number, and social security number. Any CONTRACTOR who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor and subject to the consequences of the law.

CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN’S BUSINESS ENTERPRISE, AND LABOR SURPLUS AREA FIRMS

MBE and WBE firms are encouraged to bid on this project. It is national policy to award a fair share of contracts to small and minority businesses when possible as sources of supplies, equipment, construction, and services. If any subcontractors are to be let, the prime CONTRACTOR shall take the following affirmative steps:

- A. Including qualified small and minority businesses on solicitation lists.
- B. Assuring that small and minority businesses are solicited whenever they are potential sources
- C. When economically feasible, dividing total requirements into small tasks or quantities so as to permit maximum small and minority businesses.
- D. Where the requirement permits, establishing delivery schedules which will encourage participation by small and minority business.
- E. Using the services and assistance of the Small Business Administration, the Office of Minority Business Enterprise of the Department of Commerce and the Community Services Administration as required.

CONTRACTORS shall take similar appropriate affirmative actions in support of Women's Business Enterprises. CONTRACTORS are encouraged to procure goods and services from labor surplus areas.

AVAILABILITY OF CONTRACT DOCUMENTS

The Bid Documents, including plans and specifications may be obtained by prequalified CONTRACTORS from V3 Companies. by emailing Jason Holy at jholy@v3co.com or calling 630-729-6184 and requesting a digital set. The Bid Documents will only be transmitted electronically. The bid documents will be issued until 5:00 PM on January 6, 2023.

LIMITATIONS OF OPERATIONS

The CONTRACTOR shall conduct the work on this project in such a manner and in such sequence as will assure the least interference with traffic and disruption to residents. Construction activities shall be restricted to the following staging:

- Stage 1 – Circle Street install watermain, drainage, curb & gutter and HMA pavement to binder
- Stage 2 – Green Street and Sweetbriar Avenue install watermain, drainage, curb & gutter and HMA pavement to binder
- Stage 3 - Final landscaping and final HMA surface course install

The water main shall be tested and put into service before the final HMA surface is to be installed

The CITY reserves the right to require the CONTRACTOR to complete sufficient work in a section of the project that will result in the restoration of daily traffic and permit accessibility to private driveway entrances before work is started on any additional sections of the project.

VIDEO OF CONSTRUCTION ROUTE

Description. Prior to the start of any construction or excavation, the CONTRACTOR shall videotape the existing conditions in the area of the construction route. The video shall be done on standard color DVD. The CONTRACTOR shall supply the ENGINEER with two copies of the video prior to starting construction. The video shall include the following:

- | | | |
|----------------------|-----------------------|-------------------------------|
| 1. Full right-of-way | 2. Parkway condition | 3. Pavement condition |
| 4. Curb condition | 5. Driveway condition | 6. Existing manholes |
| 7. Fire hydrants | 8. Fences | 9. Trees and landscaped areas |

The video recordings shall also supply a continuous audio record of the location (preferably with address), all anticipated problem areas, items, and features for the complete area to be affected by the construction.

The video recording shall be made on a DVD or other approved equal and shall conform to Japan Electronics and Information Technology Industries Association (JEITA) standards. The format of recording and type of media used shall remain the same throughout the project. When the recorded video information is replayed and reviewed, it shall be free of electrical interference.

The audio portion of the composite signal shall be sufficiently free of electrical interference, background noise, and heavy foreign or regional accents to provide an oral report that is clear and complete and easily discernible. The audio portion of the video report shall be recorded by the operating technician on the video as they are being produced and shall include references to the street address and type of construction to be performed at the site as specified in the plans. Audio comments pertaining to special circumstances, which may arise during the excavation, shall also be included. Dubbing the audio information onto the video tract after the video is completed will not be permitted.

Video recordings shall be enclosed in vinyl plastic containers, which shall clearly indicate the date the video was taken, the designated section(s) of construction contained on the tape, and the label "CITY OF CREST HILL CHANEY AVE AND CENTER ST WATER MAIN IMPROVEMENT PROJECT." The actual street location shall also be listed on the DVD. One (1) copy of the finished video shall be delivered to the ENGINEER prior to commencing excavation.

The surface condition of excavated areas after final restoration shall be the same or better than the pre-construction site conditions as shown in the video.

The cost of video and log preparation shall not be compensated for separately but shall be considered incidental to the contract.

MOBILIZATION & DEMOBILIZATION

The CONTRACTOR should note that no mobilization and demobilization payment will be made for this contract, and it shall be considered incidental to the various contract pay items.

MAINTENANCE OF EXISTING UTILITIES

The CONTRACTOR shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace them in kind at the CONTRACTOR's own expense and with the least possible delay to the satisfaction of the utility owner and/or the ENGINEER. The CONTRACTOR shall give prior notification to the utility companies of their intention to begin work. The CONTRACTOR shall also call J.U.L.I.E. at 1-800-892-0123 and the CITY to mark the location of underground utilities.

NAME OF UTILITY	CONTACT	ADDRESS	TYPE	CONFLICT STATUS
AT&T-D	Tom Laskowski	1000 Commerce Drive Oak Brook, IL 60523 630-573-5643	Phone	N/A
Comcast	Ted Wyman	688 Industrial Drive Elmhurst, IL 60126 847-652-6074	Cable	N/A
ComEd	Rick Oster	2 Lincoln Center Oakbrook Terrace, IL 60181 779-231-3174	Electric	N/A
Nicor	Micheal Ann Beyke	1844 Ferry Road Naperville, IL 60563 630-388-2761	Gas	Contact when working in close proximity to Nicor utilities. Reference #SC23351
City of Crest Hill	Ron Wiedeman	1610 Plainfield Road Crest Hill, IL 60403 815-741-5122 Rwiedeman@cityofcresthill.com	Water and Sanitary Sewer	N/A

The CONTRACTOR shall note that all representation of existing utilities within the contract documents is for informational purposes only and shall not be understood to be the exact location of the existing utilities or a complete account of all possible existing utilities. The CONTRACTOR shall be responsible for avoiding interference with any existing utility, to the satisfaction of the ENGINEER.

The CONTRACTOR shall contact and notify NICOR when working in close proximity to existing NICOR facilities.

VANDALISM

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at the CONTRACTOR's sole expense prior to final payment. The CITY shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible to correct any damage.

CONSTRUCTION AND DEMOLITION DEBRIS

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years.

Additionally, the following shall apply to this project:

All removal or excavation items being disposed of at an uncontaminated soil fill operation or Clean Construction and Demolition Debris (CCDD) fill site shall meet the requirements of Public Act 96-1416. All costs associated with meeting these requirements shall be included in the unit price for the associated items in the contract that require removal and disposal of CCDD and uncontaminated soil. These costs shall be included but are not limited to all required testing, lab analysis, certification by a licensed professional engineer, state and local tipping fees."

The geotechnical investigation and Uncontaminated Soil Certification LPC-663 (663) are provided in Appendix B. The 663 for this project certified all project soils for CCDD disposal. It should be noted by the contractor that demonstration of compliance with CCDD regulations and achievement of the Maximum Allowable Concentrations (MACs) does not guarantee soils and fill material will be accepted at all CCDD/Uncontaminated Soil Fill Operations (USFO). CCDD/USFO facilities are privately operated facilities and reserve the right to reject fill material on any criteria. The provided soil evaluation was conducted in accordance with applicable Illinois clean fill regulations. It is the contractor's responsibility to coordinate acceptance with the selected facility based on this documentation. CCDD/USFO facilities may have acceptance criteria which is more stringent than the minimum requirements of Title 35: Subtitle J: Chapter I: Part 1100. Any additional sampling or soil evaluation required by a contractor selected CCDD/USFO facility is the responsibility of the contractor.

Environmental, geological and geotechnical conditions can vary from those encountered at times and locations where data was obtained and may result in uncertainty with respect to the interpretation of these conditions, despite the use of standard professional care. The geotechnical investigation was conducted with a level of care ordinarily exercised by professional consultants acting under similar circumstances in performing these services. Should conditions inconsistent with the findings contained within this report are encountered during the course of the project, project soils should be reevaluated.

MAINTENANCE OF ROADWAYS

Beginning on the determined start date of the project, the CONTRACTOR shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the CITY but shall not include snow removal operations. Traffic control and protection for this work will be provided by the CONTRACTOR as required by the CITY.

The work involved in maintaining the existing pavement will not be paid for separately, but shall be considered incidental to the contract, unless otherwise specified elsewhere in these Special Provisions. Traffic control and protection required for this work shall be included in the TRAFFIC CONTROL & PROTECTION (SPECIAL) Special Provision.

PROTECTION OF EXISTING WATER MAINS

The contractor shall make effort to protect the existing water mains located within the project limits. Care shall be taken when working within the vicinity of existing water mains and the CONTRACTOR should limit excavation and material storage near and/or above existing water mains. If an existing water main break occurs within the vicinity of the CONTRACTOR's work area during active construction, or a break occurs due to CONTRACTOR negligence, the CONTRACTOR shall be responsible for repairing the break on the existing water main at his/her own expense.

If a water main break occurs within the project limits outside of work hours, or due to City-authorized valve exercising, the CONTRACTOR shall provide assistance to repair the main, but shall be compensated on a Time and Materials basis for the work as approved by the City.

STREET CLEANING

Special attention shall be paid to Section 107.15 of the STANDARD SPECIFICATIONS. If the CONTRACTOR fails to clean the pavement, sidewalk, or parkways on or adjacent to the section under construction to the satisfaction of the CITY at any time during the contract, the CITY will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond. If the CONTRACTOR fails to respond within 24 hours, an amount of \$500.00 per incident will be deducted from any monies due the CONTRACTOR not as a penalty but as liquidated damages.

DUST CONTROL

The CONTRACTOR shall be responsible for controlling the dust and air-borne dirt generated by his/her construction activities in accordance to Section 107.36 of the STANDARD SPECIFICATIONS.

The implementation of dust control procedures will be required if wind and dry soil conditions reduce visibility on adjacent roads and property and interfere with drainage or create a traffic hazard. Concerns for health and safety to the public using adjacent facilities will be grounds for the implementation of a dust control provisions. When circumstances warrant, a specific dust control procedure shall be developed by the CONTRACTOR that will provide the materials and methods for controlling dust control. The dust control provisions will be sent to the ENGINEER and OWNER for information. Sample techniques that may warrant consideration include such measures as:

1. Minimize track out of soil onto nearby publicly traveled roads.
2. Street Sweeping as necessary.
3. Reduce vehicle speed on unpaved surfaces.
4. Cover haul vehicles.
5. Apply chemical dust suppressants or water to exposed surfaces, particularly to surfaces on which construction vehicles travel.

Dust control measures as indicated shall be readily available for use on the project site. The cost of this work shall be included in the unit prices bid for various items and no additional compensation will be allowed.

CONSTRUCTION SITE INSPECTION, STREET SWEEPING AND CONCRETE WASHOUTS

Description. This work will consist of furnishing all labor and equipment to perform the items listed below to prevent the movement of soils or the effects of pollutants from a construction site that could get into existing or proposed drainage systems or a watercourse. This work will be completed as shown in the plans and as described below.

Construction Site Inspection - The CONTRACTOR shall monitor all erosion control items at least once (1) per week or by the end the following business day after a measurable rain event. This inspection must be completed in a written form and shall, at a minimum, have the following information.

1. The name of the person performing the inspection
2. Date of the inspection
3. Problem Identified
4. Details of corrective action and the date this action has been completed

These reports must be kept on the jobsite and shall be provided to the OWNER or ENGINEER if requested. These records must be held for a minimum of 2-years after the completion of the project.

Street Sweeping-This work will be completed to reduce the amount of pollutants that could be washed into a storm sewer or water course.

Concrete Washouts-The concrete washouts shall be a prefabricated unit. The CONTRACTOR will need to provide the CITY with a copy of the product that is intended to be used for review and approval.

The cost of construction site inspection, street sweeping, concrete washouts shall be considered incidental to the contract.

STOCKPILE AND SPOILS PROTECTION

Description. This work will consist of furnishing all labor, equipment and materials to protect spoils to prevent the movement of spoils or the effects of pollutants in the spoils from a construction site from getting into existing or proposed drainage systems or a watercourse when performing dewatering, stockpiling material and installing storm sewer, sanitary sewer or water mains. Stockpiles are not

anticipated for this project, however if the CONTRACT determines their need, the work will be completed as described below.

The CONTRACTOR shall use a filter sock by Siltworm, Inc. or approved equal. The filter sock shall be placed completely around the spoil pile and be installed per the manufacturer's directions.

The ends of the filter socks shall be secured with zip ties.

When multiple filter socks are required to surround a spoil pile the ends shall be secured with zip ties when staking is not feasible or desired.

The cost of Stockpile and Spoils Protection shall be considered incidental to the contract.

SIGN RELOCATE

Street signs located in or near the construction zone that are not indicated for replacement shall be removed and relocated to intersection street light poles by the CONTRACTOR as directed by the CITY.

The CONTRACTOR shall be responsible for replacing, at the CONTRACTOR's sole expense, any signs damaged during construction and the operation of removing and relocating any signs. The removal and relocation of all existing signs within the construction limits shall not be paid for separately but shall be incidental to the contract.

CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE

The CONTRACTOR shall provide a written guarantee and Maintenance/Warranty Bond for an amount not to be less than ten (10) percent of the final contract amount. The written guarantee and bond shall be in full force for a period of one (1) year after approval of the final payment on the contract. The conditions of the warranty and guarantee shall be as follows:

- A. CONTRACTOR warrants and guarantees to the CITY that all work will be in accordance with the contract documents and will not be defective. ENGINEER and its officers, directors, members, partners, employees, agents, consultants and subcontractors shall be entitled to rely on representation of CONTRACTOR's warranty and guarantee.
- B. CONTRACTOR's warranty and guarantee here under excludes defects or damage caused by:
 - a. Abuse, modification, or improper maintenance or operation by persons other than the CONTRACTOR, subcontractor, suppliers, or any other individual or entity for whom the CONTRACTOR is responsible
 - b. Normal wear and tear under normal usage
- C. CONTRACTOR's obligation to perform and complete the work in accordance with the contract documents shall be absolute. None of the following will constitute an acceptance of work that is not in accordance with the contract documents or a release of the CONTRACTOR's obligation to perform the work in accordance with the contract documents:
 - a. Observations by ENGINEER
 - b. Recommendation by ENGINEER or payment by CITY of any progress or final payment

- c. The issuance of a certificate of substantial completion by ENGINEER or any payment related thereto by the CITY
- d. Use or occupancy of the work or any part thereof by the CITY
- e. Any review and approval of a shop drawing or sample submittal or the issuance of a notice of acceptability by the ENGINEER
- f. Any inspection, test, or approval by others
- g. Any correction of defective work by the CITY

The warranty and guarantee shall be included in the cost of the contract.

PUBLIC CONVENIENCE AND SAFETY

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvements. Interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused the CONTRACTOR by complying with these requirements shall be considered as incidental to the contract and no additional compensation will be allowed.

The CONTRACTOR is to plan their work so that there will be no open holes in the pavement during non-work hours. All trenches, excavations, street openings, and other work located within the limits of the pavement shall be filled flush with the adjacent pavement or covered with steel plates at the end of each workday until after the underground water main work is complete.

All trench backfill shall be paid according to the special provision for TRENCH BACKFILL, SPECIAL excluding the top 5.5" of backfill required to bring the trench flush with the pavement. The top 5.5" of backfill shall be filled with temporary aggregate. The temporary aggregate surface shall be maintained until the entire pavement is removed. The installation of the 5.5" of temporary aggregate will not be considered for payment but shall be incidental to the cost of TRENCH BACKFILL, SPECIAL.

During all construction operations, the CONTRACTOR will be required to provide, erect, and maintain proper signage and barricades plus provide flagmen as necessary for stage traffic control. All - traffic control including signage, barricades, and the use of flagmen shall be according to current IDOT and MUTCD standards.

WATER SUPPLY AND USAGE

Water to be used for construction purposes for the proposed improvements will be available to the CONTRACTOR at the CITY's East Treatment Plant, located at 2250 Broadway Street, Crest Hill, Illinois.

MATERIAL TESTING

All materials shall be inspected and tested by the CONTRACTOR. This includes compaction tests, the making and breaking of concrete test cylinders and asphalt plant inspection and onsite compaction testing. Test results shall be furnished directly to the ENGINEER by the materials testing firm retained by the CONTRACTOR. The materials testing firm shall be experienced and qualified to perform the type of work required by this Special Provision.

Work to be performed under this Special Provision of the Specification shall be in accordance with the applicable requirements and the adopted STANDARD SPECIFICATIONS, and shall be conducted by experienced personnel regularly engaged, knowledgeable, and skilled in inspections and testing materials.

Submittals shall include results/reports of the materials inspected and/or tested. Reports on inspections and/or materials tested shall be prepared in an acceptable form and in accordance with the applicable requirements of the STANDARD SPECIFICATIONS and adopted by these Specifications.

Inspections and/or testing of material shall be performed in accordance with the applicable requirements of the STANDARD SPECIFICATIONS and as required by these Specifications.

Separate measurement or payment will not be made for the work specified in this Special Provision. All costs of such work shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

MATERIAL SUBMITTALS

Shop drawings of the proposed materials shall be submitted to the ENGINEER prior to the ordering of materials by the CONTRACTOR including, but not limited to all of the following Mix Designs, Storm Sewer Pipe, Ductile Iron Water Main, Manholes, Catch Basins, Inlets, Valve Vaults, Valves, etc. No compensation shall be given to the CONTRACTOR if materials are ordered prior to receiving approval of the material submittals and need to be remade.

TEMPORARY WATER SHUTDOWNS

The CITY Water Department shall be notified at least three (3) working days in advance of any water shutdown. The CITY will determine what residences will be affected by the shutdown and supply the CONTRACTOR with the affected area and shut-off notice handouts. The CONTRACTOR will be responsible for distributing said handouts to the affected residences. The turning of any valve other than those installed, but not yet accepted by the CITY shall be performed by City Water Department personnel only. Before the system is returned to service, a fire hydrant must be opened to relieve any air in the line and to flush the system. After the system is fully flushed, a representative from the CITY will collect chlorine residual and bacteriological samples. An additional sample will be collected after 24 hours.

SODDING-NURSERY-SUPPLEMENTAL WATERING

Description. The licensed landscape CONTRACTOR will be responsible for additional water of newly placed sod. Section 252.08 will be revised accordingly:

Sod shall be watered immediately after laying. The amount of watering shall be sufficient to saturate the sod and the upper few inches of the underlying soil. The sod shall be watered three times every day of the first two weeks after placement, once a day the 3rd week and once every other day for the 4th week. During ample rainfall, watering may be modified to simulate the above schedule. After the 4-week period the CONTRACTOR shall request acceptance of the sod.

This additional watering will not be paid for separately, but included in the cost of SODDING.

SPECIAL PROVISIONS

CLARIFICATION OF CONTRACT DOCUMENTS

All requests for interpretations or clarifications shall be submitted to V3 Companies by emailing Jason Holy at jholy@v3co.com and received at least five (5) business days prior to the date set for receipt of Bids. Requests will be addressed at least two (2) business days prior to the date set for receipt of Bids.

CONTRACT TIME

The CONTRACTOR shall complete all contract work by October 25th, 2024. The CONTRACTOR will be allowed to complete all sodding and pavement markings within 5 working days after the completion date. Clean-up work and punch list items shall be completed within 5 working days after the completion date. Working days shall be calculated as per Article 108 of the STANDARD SPECIFICATIONS.

PAVEMENT REMOVAL

Description: This work shall consist of the complete removal of existing pavement and sufficient amount of aggregate base course required to achieve proposed pavement section.

Construction Requirements:

440.03 General. Add the following to the Article:

“The PAVEMENT REMOVAL thickness shall vary depending on the pavement material being removed. The PAVEMENT REMOVAL thickness for Portland Cement Concrete Pavement shall be sufficient enough to allow for the installation of nine (9) inches of Portland Cement Concrete Pavement and ten (10) inches of aggregate base as specified in the plans. The nominal PAVEMENT REMOVAL thickness shall be considered to be five (5.0) inches for all hot-mix asphalt material. In the event that varying depths of pavement are found, the ENGINEER may elect to remove only the proposed five (5.0) inches of pavement or choose to remove the full pavement thickness. Any variance in pavement thickness shall be considered included in the cost of this work item.

Any pavement in the curb and gutter shall not be considered pavement removal but shall be incidental to the cost of PAVEMENT REMOVAL.”

440.08 Basis of Payment. Revise the Article to Read:

“This work will be paid for at the contract unit price per square yard for PAVEMENT REMOVAL. PAVEMENT REMOVAL limits shall be from the edge of curb to the edge of curb; PAVEMENT REMOVAL shall be paid one time. Removal of temporary aggregate over any trench shall not be considered for payment but shall be included in the cost of the TRENCH BACKFILL, SPECIAL installation. Any additional stone required to prepare the roadway to the proposed cross-section after the pavement is removed due to varying pavement thickness shall be paid for at the contract unit price for AGGREGATE BASE REPAIR (SPECIAL).”

DUCTILE IRON WATER MAIN

Description: This item shall be constructed in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and with the applicable portions of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

561.02 Materials. Add the following to the Article:

“The water main shall be ductile cast iron, cement lined, with push-on joints, Class 52, of the size as designated in the plans, and shall conform to the latest ANSI/AWWA C151/A21.51-86, C111 and C104.”

41-2.03 HANDLING OF PIPE. Add the following to the Article:

“Wherever water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Dewatering plans must be approved by the CITY or the CITY’s representative. Any dewatering of the trenches shall be considered incidental. At no time shall trench water be allowed to enter the water main. Water main shall be installed to provide a minimum 5.5’ of cover.

Dirt or other foreign material shall be prevented from entering the pipe or pipe joint during handling or laying operations, and any pipe or fitting that has been installed with dirt or foreign material therein shall be removed, cleaned and re-laid. At times when pipe laying is not in progress, the open ends of the pipe shall be closed by a watertight plug or by other means subject to the approval of the ENGINEER, to ensure absolute cleanliness inside the pipe. All cutting of existing water main pipe for the insertion of valves, tees, or other fittings shall be performed without damage to the pipe or pipe lining, and so as to leave a smooth end at right angles to the axis of the pipe. Any damaged water main shall be re-cut and replaced by the CONTRACTOR at the CONTRACTOR’s sole expense.”

41-2.05A LAYING OF DUCTILE IRON PIPE. Add the following to the Article:

“Ductile iron pipe, pipe fittings, and valve bodies, as well as cast iron valve boxes, shall be wrapped with polyethylene film, a minimum of 8 mils in thickness. The entire wrap on any pipe or fitting shall have a single seam secured by waterproof tape. Polyethylene shall overlap a minimum of 24 inches at seams. The wrap shall enclose the entire pipe or fitting and shall be secured to the adjoining pipe barrel by waterproof tape tightened securely around the juncture of the wrap and the pipe barrel. The CONTRACTOR shall re-wrap the water main at all service tap locations. All polyethylene wrapped ductile iron pipe, pipe fittings, and valve bodies shall be inspected and approved by the ENGINEER prior to backfill.

A canvas strap shall be used to lower the water main into the trench to avoid damaging the polyethylene film. “

41-2.05B JOINTS FOR DUCTILE IRON PIPE. Add the following to the Article:

“The first two joints beyond any bend or tee branch shall be a restrained joint. Also, any joint where the proposed water main ties into the existing water main shall be restrained. Acceptable methods of joint restraint include the use of TR-Flex restrained joint pipe, push-on joint pipe with Field-Lok gaskets by U.S. Pipe, mechanical joint ductile iron pipe with TUFgrip series 1000 restraints by Tyler Union, or an equal approved by the ENGINEER. Also, all bends, crosses, and tees shall be additionally restrained with thrust

blocks as shown on the details in the plans. The cost of restrained joints and thrust blocks shall be considered included in the cost of the ductile iron water main."

Basis of Payment: This work will be paid for at the contract unit price per lineal foot for DUCTILE IRON WATER MAIN, of the diameter specified, measured in place. This price shall include the cost of labor, equipment and materials such as all pipe, joint materials, retainer glands, thrust blocks, hydrostatic pressure tests, leakage test, main disinfection, excavation, bedding, and polyethylene wrapping. Bedding shall be understood to be compacted Granular Cradle (CA-7) from six (6) inches below the bottom of the pipe to twelve (12) inches above the top of the pipe for the full trench width. Excavation and backfill, with the exception of surface removal items listed specifically in the schedule of prices and trench backfill as required, will not be measure for payment, but shall be considered as incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified. Fittings such as tees, bends, reducers, and plugs shall be considered incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified.

The unit price shall also reflect the cost of and all items necessary to complete the work as specified, such as corporation stops (for testing), water pumps, gauges, meters, and laboratory test costs.

PRESSURE TESTING OF WATER MAINS

Description: This item shall be conducted in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

41-2.14A PRESSURE TEST. Revise the Article to read:

"After the pipe has been laid and partially backfilled as specified herein, all newly-laid pipe and fire hydrants or any valved sections of pipe shall, unless otherwise expressly specified, be subjected to a hydrostatic pressure of 150 PSI at the lowest elevation of the pipe section. The ENGINEER and CITY shall be given notice twenty-four (24) hours prior to the beginning of testing. The duration of each pressure test shall be not less than two hours. Water main testing shall be in accordance with the applicable portions of AWWA Standards C00 and C603, or as otherwise modified herein."

41-2.14B PROCEDURE FOR TEST. Revise the Article to read:

"The CONTRACTOR shall notify the CITY at least twenty-four (24) hours prior to the pressure test. Valves will be turned on only under direct supervision of the CITY and the CITY will witness all pressure testing

Each section of pipe to be tested, as determined by the ENGINEER, shall be slowly filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe in a satisfactory manner. All necessary apparatuses including, but not limited to pump, pipe connection, gauges and meters shall be furnished by the CONTRACTOR. Before applying the specified test pressure, all air shall be expelled from the pipe. To accomplish this, taps shall be made, if necessary, at points of highest elevations and afterwards tightly plugged. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced by the CONTRACTOR with sound material at the CONTRACTOR's own expense. The test shall be repeated until the results are satisfactory to the ENGINEER and the CITY. The provisions of AWWA C600 and C603, where applicable, shall apply.

The pressure testing shall be accomplished with fire hydrant auxiliary valves open.”

41-2.14C Leakage Test. Revise the Article to Read:

“After completion of the pressure test, a leakage test shall be conducted to determine the quantity of water lost by leakage under the specified test pressure.

1. Test pressure is defined as the maximum operating pressure of the section under test and is based on the elevation of the lowest point in the line or section under test corrected to the elevation of the test gauge. Applicable provisions of AWWA C600 and C603 shall apply. The minimum duration of each leakage test shall be one (1) hour in addition to the pressure test period.
2. Allowable leakage in gallons per hour for ductile iron water main shall not be greater than that determined by the following formula: $L = \frac{ND\sqrt{P}}{7400}$

Note: L = Allowable leakage in gallons per hour

N = Number of joints in length of pipeline tested

D = Nominal diameter of the pipe in inches.

P = Average test pressure during leakage test in pounds per square inch gauge.

3. Leakage is defined as the quantity of water to be supplied in the newly laid pipe or any valved section under test, which is necessary to maintain the specified leakage test pressure after the pipe has been filled with water and the air expelled.

Immediately after a passed test the pressure shall be drained through a fire hydrant until it is below the potable system pressure.”

Basis of Payment. This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified, which price shall be payment in full for all labor, equipment, material to complete the work as specified herein.

DISINFECTION OF WATER MAINS

Disinfection of water mains shall be completed in accordance with Section 41-2.15 of the WATER AND SEWER SPECIFICATIONS except as modified in this Special Provision.

41-2.15 DISINFECTION OF WATER MAINS. The CITY shall be notified at least twenty-four (24) hours before the disinfection procedure. Representatives of the water division must be present during the procedure.

41-2.15A FLUSHING. Revise the second paragraph to read as follows:

“All taps required for chlorination or flushing purposes, or for temporary or permanent release of air, shall be provided for by the CONTRACTOR as part of the construction of water mains.”

41-2.15B REQUIREMENT OF CHLORINE. Revise the Article to read as follows:

“A free chlorine residual of at least 50 ppm and no more than 400 ppm must be reached throughout the entire length and branch lines of the water main. After the super-chlorinated

water has sat in the main for twenty-four (24) hours, a chlorine residual test shall be taken to ensure the residual has not dropped by over one half (1/2)."

41-2.15C FORM OF APPLIED CHLORINE. Revise the Article to read as follows:

"Chlorine shall be applied by the method which follows, subject to the review of the ENGINEER. Chlorination shall be made by the use of chlorine gas only. The dry gas shall be fed directly through proper devices for regulating the rate of flow and providing effective diffusion of the gas into the water within the pipe being treated. Chlorinating devices for feeding the chlorine gas must provide means for preventing the backflow of water into the chlorine. The chlorine gas shall be injected into the main at intervals of no more than 1,000 feet."

41-2.15H FINAL FLUSHING AND TESTING. Revise the Article to read as follows:

"Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipe at its extremity until the replacement water throughout its entire length shows, upon test, a chlorine residual of less than one (1) mg/l. in the event chlorine is normally used in the source of supply, then the test shall show a residual of not in excess of that carried in the system.

At this time, a water sample will be taken by the CONTRACTOR or the CONTRACTOR's representative and sent to a state-certified water lab of their choice. The CITY shall bear witness to the sampling. The CONTRACTOR shall take two (2) samples, twenty-four (24) hours apart with satisfactory results or the procedure shall be repeated. After satisfactory sample results are obtained, an operating permit shall be obtained from the Illinois Environmental Protection Agency. No service line installation shall be performed until the approved operating permit is received."

41-2.15I REPETITION OF FLUSHING AND TESTING. Revise the Article to read as follows:

"Should the initial treatment result in an unsatisfactory bacterial test, the original chlorination procedure shall be repeated by that CONTRACTOR until satisfactory result are obtained. After water main passes chlorination testing, the corporation stop used to chlorinate the main shall be shut off and any piping removed."

Basis of Payment. This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified, which price shall be payment in full for all labor, equipment, material to complete the work as specified herein.

WATER MAIN FITTINGS

Description. This work shall consist of furnishing and installing all tees, bends, elbows, crosses, reducers, and retainer glands necessary to complete the water main installation as shown on the plans.

All fittings shall be ductile iron, mechanical joint in accordance with AWSI/AWWA C153/A21.53 and ANSI/AWWA C111/A 21.11. Fittings shall be cement-lined and seal coated in accordance with ANSI/AWWA C104/A21.4. The working pressure rating shall be 350 PSI. All joints between the water main

pipe and fitting shall be restrained using TUF Grip Series 1000 restraints or an approved equal. Bolts and nuts on all fittings shall be Corten steel, or an approved equivalent.

Fittings shall be subject to the same testing and disinfecting procedures stated herein in the PRESSURE TESTING WATER MAIN and DISINFECTION OF WATER MAIN sections.

Basis of Payment. This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified, which price shall be payment in full for all labor, equipment, material, testing, and disinfecting to complete the work as specified herein.

ABANDON EXISTING WATER MAIN

Description. This work shall consist of the abandonment of portions of existing water main as shown on the plans and as directed by the ENGINEER to construct the proposed improvements.

Existing water main shall be abandoned only after all new water services have been transferred over to the new main and the new main has passed all required testing and is operational.

Water main to be abandoned shall be drained of all water and shall be plugged at both ends with a minimum of two (2) feet of non-shrink concrete/mortar plugs to the satisfaction of the ENGINEER. Pumping access points shall be at the proposed excavation locations. This shall include saw cutting and excavation to the main to install the plug. The backfill of the hole shall be trench backfill and shall be included in the price of this work.

Basis of Payment. This work will be paid for at the contract unit price per lineal foot for ABANDON EXISTING WATER MAIN, of the diameter specified, measured in place. The price shall include the cost of all labor, equipment and materials required to perform the work as specified.

WATER MAIN REMOVAL

Description. This work shall consist of the removal of existing water main that are in direct conflict with the proposed improvements. Existing water main that are to be taken out of operation but are not in conflict with the proposed improvements shall be abandoned as specified for ABANDON EXISTING WATER MAIN.

This work shall be completed in accordance with applicable portions of Section 551 of the STANDARD SPECIFICATIONS, except that the material shall not be salvaged, but shall be disposed according to Article 202.03 of the STANDARD SPECIFICATIONS. All diameters of water main to be removed will be covered under this pay item. This work shall also include any necessary saw cutting of the existing water main and the removal of valves, tees, and other appurtenances (excluding fire hydrants).

The ends of the existing water main shall be plugged as specified for ABANDON EXISTING WATER MAIN.

Trenches resulting from the removal of water main shall be backfilled in accordance with the applicable requirements of Article 550.07. Backfill of removal trenches (including Trench Backfill) shall be included in this item.

Basis of Payment. All labor, materials and equipment necessary to complete the work as specified for WATER MAIN REMOVAL shall not be paid for separately but shall be included in the bid price for the installation of the proposed items of work.

EXISTING SEWER REMOVAL

Description. This work shall consist of the removal of existing sewers that are in direct conflict with the proposed improvements.

Existing sewers shall be removed only as directed by the ENGINEER. Excavated pipe material shall be disposed of by the CONTRACTOR in accordance with Article 202.03 of the STANDARD SPECIFICATIONS.

The ends of the existing sewers shall be plugged with a minimum of two (2) feet of non-shrink concrete/mortar plugs to the satisfaction of the ENGINEER.

Trenches resulting from the removal of sewers shall be backfilled in accordance with the applicable requirements of Article 550.07. Backfill of removal trenches (including Trench Backfill) shall be included in this item.

Basis of Payment. All labor, materials and equipment necessary to complete the work as specified for EXISTING SEWER REMOVAL shall not be paid for separately but shall be included in the bid price for the installation of the proposed items of work.

WATER VALVES, of the diameter specified

Description: This item shall consist of the installation of water valves of the resilient wedge gate

valve type suitable for ordinary water-works service, intended to be installed in a normally open position on buried pipelines for water distribution systems. This work shall be completed in accordance with the applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

42-2.01 MANUFACTURER AND MARKING. Revise the Article to read as follows:

The gate valves shall be standard pattern and shall have the name or mark of the manufacturer, size, and working pressure plainly cast in raised letters on the valve body. Gate valves shall be an East Jordan Valve, the Clow RW Valve or an equal approved by the CITY.

42-2.02 TYPE AND MOUNTING. Revise the Article to read as follows:

“The valve bodies shall be cast iron, mounted with approved non-corrosive metals. All wearing surface shall be bronze or other approved non-corrosive material and there shall be no movement, bearing or contact between iron surfaces. Contact surfaces shall be machined and finished in the best workmanlike manner and all wearing surfaces shall be easily renewable. All trim bolts shall be 300 series stainless steel.

The resilient-seated disc wedge shall be of the resilient wedge fully-supported type. Solid guide lugs shall travel within channels in the body of the valve. The disc and guide lugs shall be fully (100%) encapsulated in SBR (styrene butadiene) rubber.

Disc wedges that are not 100% fully encapsulated shall not be acceptable. Guide caps of an acetyl copolymer bearing material shall be provided to protect the rubber-encapsulated solid guide lugs from abrasion for long life and ease of operation.

All internal and external exposed ferrous surfaces of the valve shall be coated with a fusion-bonded, thermosetting powder epoxy coating conforming to AWWA C550 and certified to NSF 61. Coating shall be non-toxic and shall impart no taste to water. Coating thickness shall be nominal 10 mils.

The stem shall be of high tensile strength bronze or other approved non-corrosive metal, providing 70,000 PSI tensile strength with 15% elongation and a yield strength of 30,000 PSI. All nonferrous bushings shall be of substantial thickness, tightly fitted and pressed into machine seats. All valves shall open by turning to the left (counterclockwise), unless otherwise specified."

42-3 END CONNECTIONS. Revise the Article to read as follows:

"End connections of gate valves shall be restrained mechanical joints as specified elsewhere herein.

42-10 INSTALLATION OF GATE VALVES. Add the following to the Article:

All gate valves are to be installed in concrete valve vaults as detailed in the plans. The valves shall be wrapped with polyethylene film, as specified in the Special Provision for "DUCTILE IRON WATER MAIN", included elsewhere herein. A one-inch (1") corporation stop shall be installed in the water main on each side of the valve within the vault to allow for testing, chlorinating, and sampling work to be done.

Basis of Payment: This work will be paid for at the contract unit price each for WATER VALVES, of the diameter specified. This price shall include the cost of all labor, materials, and equipment necessary to install the gate valve in a valve vault, including polyethylene wrapping and corporation stops as detailed in the plans and to the satisfaction of the ENGINEER. This shall not include the price of the valve vault which shall be paid for separately.

FIRE HYDRANT TO BE REMOVED

Description. This work shall consist of the removal of existing fire hydrants, including auxiliary valves, and plugging and blocking of abandoned water main as indicated on the plans or required by the ENGINEER. The existing fire hydrants are not to be removed until after the new fire hydrants have been installed and satisfactorily tested. The fire hydrants and auxiliary valves to be removed shall become the property of the CITY and shall be delivered to the Public Works Facility. The CONTRACTOR is to bag any existing or new fire hydrants that are not in use.

Measurement and Payment. This work will be paid for at the contract unit price each for FIRE HYDRANT TO BE REMOVED, which price shall be payment in full for all labor, equipment, and material necessary to complete the work as specified herein.

FIRE HYDRANT WITH AUXILIARY VALVE & VALVE BOX

Description: This work shall consist of furnishing new fire hydrants of the type and size specified herein below at the locations indicated on the plans or otherwise directed by the ENGINEER as detailed in the plans.

Materials: Hydrants shall be of the compression or gate type conforming to the latest specifications of the American Water Works Association, C502, and shall be of a make that has been adopted by the CITY as standard. Hydrants shall be designed for a 150-pound working pressure. Hydrants shall be finished with two (2), two & one-half inch (2-1/2") hose nozzles, and one (1) four & one-half inch (4-1/2") steamer connection pumper nozzle. Threads on nozzles and caps shall be national standard thread and shall conform to the standard adopted by the CITY. Hydrants shall open by turning to the left or counter-clockwise and shall be so marked. All new fire hydrants furnished under this contract shall be either East Jordan # 5BR250 or Clow Medallion, "14BL Cadet Blue" in color with no weather shield, and shall have traffic flange construction design with a break way flange and mechanism at the ground line. Fire hydrants shall also include a STORZ connection on the front port. The lead time for material purchases for Jordan # 5BR250 or Clow Medallion, "14BL Cadet Blue" fire hydrants is 21 days. The CONTRACTOR shall not be provided any time extension to the contract due to lack of coordination in material purchasing.

Hydrants shall have a six-inch (6") pipe connection, shall be equipped with a six-inch (6") auxiliary valve, and shall have a five and one-quarter inch (5 ¼ ") valve opening. The auxiliary valve shall be attached to the hydrant so that a minimum of thirty inches (30") of separation will exist between the edge of the auxiliary valve box and edge of the fire hydrant; this shall be done by means of a 6" spool piece with wedge type mechanical joint couplings. The joint for joining the auxiliary valve shall be fitted with a cast iron valve box of the same type as specified under standard drawing #14 of the WATER AND SEWER SPECIFICATIONS. A valve box stabilizer shall be rubber of the type 'Adapter Inc.' Stabilizer or an approved equal and shall be installed between the valve box and the auxiliary valve. Bolts and nuts on all fittings shall be Corten Steel, or equivalent.

Installation: Hydrants shall be set at the locations indicated on the plans and shall be such length that with the frost ring nearly at the ground level, there will be five and one-half feet (5.5') of cover over the connecting pipe and the height of the nut on the cap is a minimum of thirty inches (30") above the ground. At least four feet (4.0') of cover will be provided across ditches. Hydrants shall be placed on poured concrete slabs ready mix 3500 PSI (or an approved equal) and shall have a minimum of one-half cubic yard (½ CY) of gravel or porous stone around the base to provide drainage for the hydrant drip. This shall include a 3-4 mil. Plastic barrier, between the gravel drain field and the earth cover. All hydrants shall be properly braced to prevent movement. Any mechanical joint glands required on any mechanical joint fittings necessary for the installation of the hydrants shall be retainer-type glands. All hydrants shall be placed so that the steamer connection is facing the existing roadway. The CONTRACTOR shall grease all hydrants (including breakaway, upper stem, ports and any other parts per manufacturer's recommendations) post installation. **The CONTRACTOR shall bag each hydrant post installation prior to backfilling to protect the hydrant from the backfilling process.** If the CONTRACTOR fails to protect the hydrant from the backfilling process, the CONTRACTOR shall sand and paint the hydrants "14BL Cadet Blue" color at no additional cost to the CITY.

Basis of Payment: This work will be paid for at the contract unit price per EACH for FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX, which price shall include all necessary labor, material, and equipment to install the fire hydrants as per the applicable standards and as specified herein.

VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID

Description. This work shall consist of constructing valve vaults for water mains and water services in accordance with Section 44 of the WATER AND SEWER SPECIFICATIONS and the applicable provisions of Section 602 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

“Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2”). They shall be installed and sealed underneath the frames according the manufacturer’s specifications. “

In addition to the requirements of Sections 44 – 2.02 and 44 – 3.01 and 602, valve vaults shall be constructed in accordance with IDOT Highway Standard 602501, Value Vault Type A. All lids for valve vaults shall have the words "WATER" and "CREST HILL" cast into them.

Measurement and Payment. This work will be paid for at the contract unit price per each for VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID, of the diameter specified, which price shall include all materials, labor and equipment required to complete the work as specified.

STORM STRUCTURES TO BE ADJUSTED

Description: This work shall consist of the adjusting of drainage structures within the curb line or within areas of pavement removal according to the plans. The term "STRUCTURE" shall be understood to refer to any of the following: catch basins, manholes, inlets. This work shall be completed in accordance with applicable provisions of Section 602 of the STANDARD SPECIFICATIONS.

This item includes the cost of a new precast cone section or barrel sections if needed when adjusting the structures within the curb line. The frame shall be replaced with a new Type 1 Frame Open Lid.

Contractor shall also follow the detail for the placement of the new Type 1 open Lid within the curb line "CURB WITH TYPE 1 FRAME AND GRATE".

Each structure adjustment shall be limited to a maximum of one (1) foot in adjustment height and a maximum of two adjustment rings. Adjustment rings for structures in the pavement or curb and gutter and rings 2" or less on all drainage adjustments shall be performed rubber. Adjustment rings greater than 2" for structures in the parkway may be PCC. The CONTRACTOR shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure and adjustment ring. The CONTRACTOR shall also place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the top of the adjusting ring and the bottom of the frame.

Basis of Payment: This work will be paid for at the contract unit price per each for STORM STRUCTURES TO BE ADJUSTED, which price shall include all material, labor, and equipment necessary to perform this work.

EXPLORATION TRENCH, SPECIAL

Description: This item shall consist of excavating a trench at the locations directed by the ENGINEER for the purpose of locating existing utility lines within the construction limits of the proposed improvement. This work shall conform to the requirements of Section 213 of the STANDARD SPECIFICATIONS except as herein modified.

An estimated length of exploration trench has been shown in the summary of quantities; unit price is unaffected by a change in quantity and shall be based on the actual length of trench explored. The trench shall be excavated to a satisfactory depth to explore the local area.

213.02 General. Add the following to the end of the Article:

“The exploration trench shall be backfilled with TRENCH BACKFILL, SPECIAL meeting the requirements as stated in the Special Provisions, the cost of which shall be included in the item of Exploration Trench, Special.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per foot for EXPLORATION TRENCH, SPECIAL and no additional compensation will be accommodated for any delays, inconveniences, or damage sustained by the CONTRACTOR in performing the work.

AGGREGATE BASE REPAIR (SPECIAL)

Description: This work shall be done in accordance with Section 358 of the STANDARD SPECIFICATIONS except as modified herein.

358.01 Description. Revise this Article to read:

“358.01 Description. This work shall consist of the addition of aggregate as a top-dressing material to an existing aggregate base course, where it is necessary to bring the base to the proposed base elevation, on those streets where the entire HMA pavement is to be removed and replaced.”

Materials: 358.02 Materials. Revise this Article to read:

“358.02 Materials. The aggregate materials shall be crushed stone or crushed gravel and have a gradation equal to CA-6 conforming to Section 1004 of the STANDARD SPECIFICATIONS, except that the material shall be crushed stone or crushed gravel.”

358.04 Aggregate Bases. Delete the reference to Article 358.04 (b).

358.04 Aggregate Bases. Add the following sentence to the first paragraph of Article 358.04 (b):

“Fine aggregate screenings shall be used if required for surface stability.”

Method of Measurement: Revise Article 358.06 (b) to read:

“(b) Measured Quantities: The aggregate will be measured for payment in tons according to the requirements of Article 311.08 (b)”

Basis of Payment: This work will be paid for at the contract unit price per ton for AGGREGATE BASE REPAIR (SPECIAL). Aggregate base must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement. Base or subgrade repairs, as referenced in Article 358.04 (a) will be paid for in accordance with the special provision at the contract unit price per cubic yard for REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS and AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL).

AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL)

Description: This work shall consist of constructing an aggregate subgrade improvement (ASI).

Materials: Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.07

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement

Equipment: The vibratory roller shall be according to Article 1101.01, or as approved by the ENGINEER. Vibratory machines, such as tampers, shall be used in areas where rollers do not fit.

Soil Preparation: The minimum immediate bearing value (IBV) of the soil below the improved subgrade shall be according to the Department's "Subgrade Stability Manual" for the aggregate thickness specified.

Placing and Compacting: The maximum nominal lift thickness of aggregate gradations CA 2, CA 6, and CA 10 when compacted shall be 9 in. The maximum nominal lift thickness of aggregate gradations CS 1, CS 2, and RR 1 when compacted shall be 24 in.

The top surface of the aggregate subgrade improvement shall consist of a layer of capping aggregate gradations CA 6 or CA 10 that is 3 in. thick after compaction. Capping aggregate will not be required when aggregate subgrade improvement is used as a cubic yard pay item for undercut applications.

Each lift of aggregate shall be compacted to the satisfaction of the ENGINEER. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

Finishing and Maintenance: The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the ENGINEER. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

Method of Measurement: This work will be measured for payment according to Article 311.08.

Basis of Payment: This work will be paid for at the contract unit price per cubic yard for AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL).

SHAPING AND GRADING ROADWAY

Description: This work shall consist of shaping and grading of the roadway subgrade in accordance with Section 301 of the STANDARD SPECIFICATIONS except as modified herein.

Construction Requirements: This item shall include up to 2" of aggregate for shaping and grading of the roadway subgrade. Additional aggregate needed for profile adjustments will be paid for in accordance with the special provision for AGGREGATE BASE REPAIR (SPECIAL).

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per square yard for SHAPING AND GRADING ROADWAY.

TEMPORARY ACCESS

Description: This work shall consist of furnishing and placing aggregate for use as temporary access to maintain ingress and egress at all times to abutting properties during construction operations, Work shall be in accordance with section 402 of the Standard Specifications, except as herein modified.

Construction Requirements: The CONTRACTOR shall construct and maintain aggregate for temporary access to private entrances, commercial entrances, and roads according to Article 402.07 and as directed by the ENGINEER.

The CONTRACTOR shall coordinate with adjacent property owners prior to impacting access.

If deemed necessary by the ENGINEER temporary access ramps shall be constructed of cold millings or crushed aggregate. The ENGINEER shall identify each location that is to receive a temporary access ramp. All temporary access ramps shall be compacted to the satisfaction of the ENGINEER.

Maintenance of the temporary access ramps shall consist of relocating and/or regarding any millings or aggregate disturbed, and placing and compacting additional millings or aggregate if deemed necessary by the ENGINEER

When use of the temporary access is discontinued, the cold millings or aggregate shall be removed and hauled off site at no additional charge.

Method of Measurement: This work shall be measured for payment per EACH private entrance, commercial entrance or roadway where a TEMPORARY ACCESS was constructed.

Basis of Payment: This work will be paid for at the contract unit price per EACH for TEMPORARY ACCESS for the installation specified which price shall include all material, equipment, and labor necessary to place, compact, and maintain each TEMPORARY ACCESS installed. Each TEMPORARY ACCESS shall only be paid for one time and shall be maintained for the duration of the project or to such a time when the ENGINEER deems the ramps no longer necessary.

CONSTRUCTION LAYOUT

The CONTRACTOR shall be required to furnish and place construction layout stakes for this project. The ENGINEER will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans and listed herein. Any additional control points set by the ENGINEER will be identified in the field to the CONTRACTOR and all field notes will be kept in the office of the ENGINEER.

The CONTRACTOR shall provide field forces, equipment, and materials to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The CONTRACTOR shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection or checking of the CONTRACTOR's layout by the ENGINEER and the acceptance of all or any part of it shall not relieve the CONTRACTOR of their responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The CONTRACTOR shall exercise care in the preservation of stakes and benchmarks and shall have them reset at the CONTRACTOR's own expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the ENGINEER

- a. The ENGINEER will locate and reference the centerline of all roads and streets except interchange ramps. The centerline of private entrances and short street intersection returns will not be located or referenced by the ENGINEER.
Locating and referencing the centerline of survey will consist of establishing and referencing the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.
- b. Benchmarks will be established along the project outside of the construction lines not exceeding 300 m (1,000 ft.) intervals horizontally and 6 m (20 ft.) vertically.
- c. Stakes set for (a) and (b) above will be identified in the field to the CONTRACTOR.
- d. The ENGINEER will make random checks of the CONTRACTOR's staking to determine if the work is in substantial conformance with the plans. Where the CONTRACTOR's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.
- e. The ENGINEER will set all stakes for utility adjustment for building fences along the right of way line by parties other than the CONTRACTOR.
- f. The ENGINEER will make all arrangements and take all cross sections from which the various pay items are to be measured.
- g. Where the CONTRACTOR, in setting construction stakes, discovers discrepancies, the ENGINEER will check to determine their nature and make whatever revisions are necessary in the plans, including the re-cross sectioning of the area involved. Any additional restaking required by the ENGINEER will be the responsibility of the CONTRACTOR. The additional restaking done by the CONTRACTOR will be paid for in accordance with 109.04 of the STANDARD SPECIFICATIONS.
- h. The ENGINEER will accept responsibility for the accuracy of the initial control points as provided herein.
- i. It is not the responsibility of the ENGINEER, except as provided herein, to check the correctness of the CONTRACTOR's stakes; however, any errors that are apparent will be immediately called to the CONTRACTOR's attention and the CONTRACTOR shall be required to make the necessary correction before the stakes are used for construction purposes.
- j. Where the plan quantities for excavation are to be used as the final pay quantities, the ENGINEER will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

Responsibility of the CONTRACTOR

- a. The CONTRACTOR shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. The CONTRACTOR shall provide the ENGINEER adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.
It is the CONTRACTOR's responsibility to tie in centerline control points in order to preserve them during construction operations.
- b. At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.
- c. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the ENGINEER at the completion of the project. All notes shall be neat, orderly and in accepted form.
- d. For highway structure staking, the CONTRACTOR shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction accuracy. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the CONTRACTOR and checked by the ENGINEER. The CONTRACTOR shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

Method of Measurement and Basis of Payment: This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT, which shall be payment in full for all labor, materials, transportation, and incidentals necessary to furnish, install, maintain, replace, and relocate all control and stationing points.

CASH ALLOWANCE

Description: Unforeseen circumstances in the field may arise and provide cause for additional work to be added to the project. The intent of this item is to provide for adequate budget to cover items not specifically included in the contract prior to the bidding process.

Requirements: All work shall conform to appropriate articles of the STANDARD SPECIFICATIONS, City ordinances, City details and specifications that are considered industry standards or standards set forth by a governing body for the furnishing, fabrication, installation, or removal of the included items.

Method of Measurement: This item shall be measured for payment in the appropriate dimensions for the work performed.

Basis of Payment: The CONTRACTOR will include in their bid a sum of 25,000 units at \$1 per unit for a total of \$25,000.00 per street for CASH ALLOWANCE. Only additional work, not covered by existing Pay Items, indicated on the Drawings or in the Project Specifications will be eligible for payment under the CASH ALLOWANCE. Additional work may consist of items such as additional connection to an existing water service of an odd size or other construction that may be deemed necessary by the CITY to add to the project.

CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID

Description. This work shall consist of constructing Type A Catch Basins for storm water in accordance with applicable provisions of Sections 602 and 604 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

“Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2”). They shall be installed and sealed underneath the frames according to the manufacturer’s specifications. “

604.04 Construction Requirements. Add the following to the article:

“The Frame and Grate to be installed on the specified Type A Catch Basin shall be Type 1 Frame and Open Lid per City detail.”

Measurement and Payment. This work will be paid for at the contract unit price per each for CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, which price shall include all materials, labor and equipment required to complete the work as specified in the STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Grate.

CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID

Description. This work shall consist of constructing Type C Catch Basins for storm water in accordance with applicable provisions of Sections 602 and 604 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

“Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2”). They shall be installed and sealed underneath the frames according to the manufacturer’s specifications. “

604.04 Construction Requirements. Add the following to the article:

“The Frame and Grate to be installed on the specified Type C Catch Basin shall be Type 1 Frame and Open Lid per City detail.”

Measurement and Payment. This work will be paid for at the contract unit price per each for CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID, which price shall include all materials, labor and equipment required to complete the work as specified in the STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Lid.

COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)

This work shall consist of the removal of the existing curb and gutter and the construction of new combination concrete curb and gutter, Type B6.12, including all necessary excavation, embankment, doweling and subbase granular material as shown in the details and in accordance with Sections 606, 202, 205 and 311 of the STANDARD SPECIFICATIONS.

High Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

Construction Requirements: In addition to the requirements of Article 606.06 of the STANDARD SPECIFICATIONS the CONTRACTOR shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the STANDARD SPECIFICATIONS. Driveways shall not be removed for forming purposes unless approved by the ENGINEER.

The proposed subbase shall be subbase granular material, Type B with minimum thickness of 4" in accordance with Section 311 of the STANDARD SPECIFICATIONS. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the STANDARD SPECIFICATIONS.

The CONTRACTOR shall machine-saw a perpendicular clean joint between that portion of the curb and gutter to be removed and that which is to remain in place. If the CONTRACTOR removes or damages the existing curb and gutter outside the limits designated on the plans or by the ENGINEER for removal and replacement, they will be required to remove and replace that portion at the CONTRACTOR's own expense to the satisfaction of the ENGINEER.

CONTRACTOR shall use full forms on both sides of the patch - 9" at edge of pavement and either 12" or 15" at back of curb.

Contraction joints shall be provided at uniform intervals not to exceed 15 feet. In an instance where a segment of curb is incomplete at the end of day, the curb shall be cut square and a construction joint with dowel bars shall be installed. Expansion joints shall be 1-inch thick with two No. 5 smooth epoxy coated bars with greased cap and shall be constructed at intervals not to exceed 60 feet.

At each location where the new curb meets the existing curb, the existing and new curb shall be tied together with 2 - No. 5 smooth epoxy coated dowel bars, 24" long. Dowel shall be drilled and grouted 12" into the existing curb.

New combination concrete curb and gutter shall be depressed across all driveways and sidewalk ramps intersecting the curb and gutter.

High Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

The CONTRACTOR shall replace the curb and gutter with Type B6.12..

Method of Measurement: Shall be per Article 606, except any earth excavation and subbase granular material will not be measured for payment but shall be included in the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL).

Basis of Payment: This work shall be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL). This work shall include the use of High Early strength concrete across all driveway aprons and any all-pavement removal, excavation, sub-base material, dowel bars and reinforcement, expansion joints, and backfill necessary to construct the work as shown in the details and as specified herein.

CONNECTION TO EXISTING WATER MAINS (NON-PRESSURE)

Description. This work shall consist of the connection of the proposed water main to the existing water main at locations shown on the Plans. It shall be performed in accordance with applicable portions of Section 41 of the "Standard Specifications for Water and Sewer Main Construction in Illinois," latest edition and the Addison Standard Specifications.

The work shall include all equipment necessary to physically make the connection. Any reducers, cutting-in sleeves, or any other fitting near/or as result of the connection, shall be included in this pay item.

Proposed water main shall be connected to existing water main after the new main has passed hydrostatic testing and disinfection. Connections shall be accomplished by use of mechanical joint fittings and lengths of pipe to make the most direct vertical and horizontal adjustments necessary to make the connection. This may include cut-ins to the existing main or connections to existing valves or fittings. This work will require water shut-off, which shall be coordinated with the City's maintenance personnel for date, time and duration of shut-off. The City Public Works shall be notified a minimum of 48 hours prior to the planned water disruption.

New fittings and pipe that need to be put into immediate service shall be flushed and swabbed with 5 percent solution of calcium hypochlorite prior to assembly as approved by the Engineer and/or City.

Method of Measurement. The work will be measured for payment in place for each non- pressure connection made to an existing water main.

Basis of Payment. This work will be paid for at the contract unit price for each CONNECTION TO EXISTING WATER MAINS (NON-PRESSURE), regardless of size, which includes necessary equipment to physically make the connection, polyethylene wrapping, disinfection, testing, and thrust blocking.

WATER MAIN CASING PIPE

Description. This work shall consist of installing a C-900 PVC watermain quality pipe a minimum of ten feet on either side of the conflicting pipe as shown in the plan details. The casing pipe shall be 16" for an 8" DIP watermain pipe.

The end of the casing pipe shall be covered with an end seal to provide a barrier to backfill material and seepage. A "Wraparound" casing pipe end seal shall include butyl mastic strips to seal the edges, and is designed to facilitate installation when the carrier pipe has already been joined together and the installation is complete. A "Pull-on" casing pipe end seal shall be seamless, have vulcanized edges, and can be pulled on at the time of construction. end seal shall be manufactured of a minimum 1/8" thick neoprene or synthetic rubber, assuring excellent chemical resistance and resiliency and shall be specifically designed to conform to concentric carrier/casing configuration and to permit movement of the carrier pipe without damage to the seal from backfilling.

Factory manufactured stainless steel or polyethylene casing pipe spacers shall be installed on all carrier pipes passing through a casing pipe to prevent the carrier pipe bell from touching the casing pipe and to maintain a uniform space between the carrier pipe

and casing interior. Hardwood skids shall NOT be used in place of manufactured casing spacers

Method of Measurement. The work will be measured for by the foot of sleeve installed.

Basis of Payment. This work shall be paid for at the contract unit price per foot for WATER MAIN CASING PIPE. The price shall include the 16" sleeve pipe, casing pipe spacer, end seal material, and all labor, materials, and equipment necessary to complete this work.

DOMESTIC WATER SERVICE BOX

Description: This work shall consist of furnishing new domestic water service boxes as specified herein. The specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The water service box shall not be located within a driveway or sidewalk and shall be placed in a landscaped area.

Materials: All domestic water services boxes shall be the Tyler 6500 with BBAF service box stabilizer or approved equal. All curb stops shall be A.Y. McDonald 76104Q with "dog dish" concrete block.

Installation: The cast iron service box shall be installed over the curb stop and held in a truly vertical position until sufficient backfill has been placed to ensure permanent vertical alignment of the box. The top of the box shall be adjusted and set flush with the established ground surface grade.

Measurement and Payment. Furnishing and installing curb stops, curb boxes, removal of existing domestic water service box, and any couplings and service line required to connect the DOMESTIC WATER SERVICE BOX to the existing service shall be paid for at the contract unit price per each for DOMESTIC WATER SERVICE BOX. This price shall include all labor, equipment and materials necessary to perform the work as specified herein. There shall be no additional payment for water services located deeper than typically expected.

DOMESTIC WATER SERVICE BOX REMOVAL

This work shall consist of the removal of existing curb boxes and curb stops at the locations exemplified on the plans. As previously mentioned, the specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The material shall be removed and disposed of by the CONTRACTOR.

The existing water service line which is connected to an existing water main designated to be abandoned may be removed or abandoned in place. The removed water service lines shall become the property of the CONTRACTOR.

This work shall not be paid for separately but shall be included in the cost of the installation of the DOMESTIC WATER SERVICE BOX pay item. This shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT

Description: This work shall consist of the complete removal of existing driveway pavement and sufficient excavation to achieve proposed driveway pavement typical sections and the replacement of PORTLAND CEMENT CONCRETE (HI-EARLY) driveway pavement in part or in their entirety at locations shown on the plans or as directed by the ENGINEER. This work shall be performed in accordance with applicable provisions of Sections 301, 351, 406, and 423 of the STANDARD SPECIFICATIONS and the details shown on the plans and as directed by the ENGINEER.

Construction Requirements: The CONTRACTOR shall place and compact embankment, or excavate, in accordance with Sections 202 and 205 of the STANDARD SPECIFICATIONS in order to achieve the finished grades shown on the plans.

The proposed driveway pavement typical section shall consist of the following:

- A. PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT:
 - a. 6" of Portland Cement Concrete (High Early)
 - b. 6"x6" wire mesh reinforcement centered throughout the entire driveway
 - c. 4" of Aggregate Base Course, Type B

All Aggregate Base Course, reinforcement, and (High Early) Portland Cement Concrete will not be paid for separately, but shall be included in the pay item DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT.

The CONTRACTOR shall stage driveway installation to maintain ingress and egress of abutting entrances at all times during construction operations.

Method of Measurement and Basis of Payment: This work will be measured and paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT, which price shall be payment in full for constructing this item as specified, including all aggregate base materials, reinforcement, surface course materials, labor, and equipment.

INSERTION VALVE, of the specified diameter

Description: This work shall consist of the furnishing and installation of a water valve onto existing water main under pressure at the locations depicted by the ENGINEER for the purpose of installation of a valve and/or other connection without interruption of service of the existing water distribution system. This item shall conform to the applicable portions of the Special Provision for WATER VALVES and applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

Materials: The material furnished on this project shall be Advanced Valve Technologies, Inc.'s **EZ VALVE SYSTEM** product or an equal approved by the ENGINEER. The CONTRACTOR shall submit the proposed materials for the proposed work to the ENGINEER for review prior to any work.

Method of Measurement & Basis of Payment: This work shall be measured and paid for per EACH for INSERTION VALVE, of the specified diameter installed and which price shall include all necessary material, labor, tools, & equipment to perform the work as indicated in the special provision. This price shall also include all necessary excavation, shoring, and trench backfill.

PARKWAY RESTORATION - SODDING

Description: The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways.

This work shall be done in accordance with Sections 211 and 252 of the STANDARD SPECIFICATIONS and the details provided in the Plans, except where modified herein.

This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting and grading to maintain positive slope, and sodding the areas in accordance with Section 252. CONTRACTOR shall take care to ensure proper placement and compaction as the CONTRACTOR will be responsible for the continued repair of any areas until they are satisfactory to the ENGINEER, at no additional cost.

211.04 Placing Topsoil and Compost. Add the following to the end of the Article:

“The topsoil shall be spread smooth, disked, and compacted to a uniform thickness of not less than 4 inches to allow for the sod placement to match the surrounding grade of the existing landscape.”

252.03 Ground Preparation. Add the following to the end of the Article:

“The ENGINEER shall be notified a minimum of 24 hours prior to the furnishing and excavation of topsoil and the installation of the sod. Failure to provide the ENGINEER with said notice will give the CITY cause to void payment for the sod.

The removal of any excess backfill material or aforementioned unacceptable materials shall be included in the unit price for PARKWAY RESTORATION - SODDING.

Fertilizer nutrients shall be applied in accordance with Section 252.03 of the STANDARD SPECIFICATIONS and shall be included in the pay item for PARKWAY RESTORATION - SODDING.”

252.06 Placing Sod. Add the following to the end of the Article:

“The CONTRACTOR shall provide subsequent resodding until a satisfactory growth of grass is produced, if settlement occurs, or if there are significant variations in grade as determined by the ENGINEER.”

Basis of Payment: This work shall be paid for at the contract unit price per square yard for PARKWAY RESTORATION - SODDING which price shall include all material, equipment, and labor necessary to excavate, furnish, compact, and fertilize a minimum of four inches (4”) of topsoil, to place sod, to stake sod *at the direction of the ENGINEER*, and to maintain sod until satisfactory growth is achieved.

PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)

Description: This work shall consist of removing the Portland Cement Concrete Sidewalk and replacing it on a compacted subbase and shall be performed in accordance with Sections 311 and 424 of the STANDARD SPECIFICATIONS except as modified herein.

Construction Requirements: Areas to receive new sidewalk shall be excavated to the plan depth and prepared according to the specifications.

311.05 Placing and Compacting Subbase Materials (b). Add the following to the Article:

“All sidewalks shall be poured on a minimum of four (4) inches of this granular material type.

424.06 Placing and Finishing. Add the following to the Article:

“Thickness. Sidewalks shall maintain a minimum thickness of five (5) inches unless crossing through a driveway where the minimum thickness shall increase to six (6) inches.

Sidewalks shall be constructed of High-Early strength Portland Cement Concrete when crossing through a driveway.

Reinforcement. Sidewalks shall be doweled with 2 #4 Reinforcement Bars on both ends of the installation segment when installed adjacent to existing sidewalk. Sidewalk spanning a trench shall have 2 continuous #4 Reinforcement Bars installed to a minimum of 10' on each side of the trench.

Sidewalk ramps and depressed curbs for the handicapped shall be installed at all intersecting streets, driveways, crosswalks, and bicycle paths as directed by the ENGINEER in accordance with City of Crest Hill standards for SIDEWALK, RESIDENTIAL DRIVEWAY, PERPENDICULAR CURB RAMPS FOR SIDEWALKS, DIAGONAL CURB RAMPS FOR SIDEWALKS, DEPRESSED CORNER FOR SIDEWALKS, and ENTRANCE/ALLEY PEDESTRIAN CROSSINGS as shown in the plans.

Detectable warnings shall be placed in sidewalk behind depressed concrete curb and gutter at all roadway crossings as directed by the ENGINEER.”

Method of Measurement: Portland cement concrete sidewalk will be measured for payment in place and the area computed in square feet.

Basis of Payment: This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL), which price shall include all work required to remove the sidewalk, all required expansion joints, reinforcement, special texturing, variable height edge treatment at sidewalk ramps, additional thickness at driveway aprons, High-Early strength Portland Cement Concrete at driveways, compacted subbase granular materials, and required excavation and disposal of excavated materials.

SANITARY MANHOLES TO BE ADJUSTED

Description: This work shall be done in accordance with Section 602 and applicable provisions of Section 603 of the STANDARD SPECIFICATIONS and shall consist of the adjustment of sanitary manholes and furnishing and installing a new type 1 frame, closed lid, per City details.

If the sanitary manhole to be adjusted is located within an area shown on the plans to be resurfaced, the contractor is to follow the City of Crest Hill's Frame Adjustment When Milling detail. If the sanitary

manhole to be adjusted is located within an area shown on the plans for pavement removal, the manhole does not require concrete around the structure after the adjustment.

602.02 Materials. Add the following to the Article:

“Non-hardening butyl rubber mastic sealant (minimum thickness one quarter inch (¼”) shall be used between adjusting rings in place of mortar, or as required by the CITY of the Sanitary Sewer.”

In locations where existing external frame seals exist, it shall be removed and disposed of and an internal/external **Cretex** frame seal shall be installed. In locations where internal frame seals exist, it

shall be removed and disposed of and a **Cretex** internal/external frame seal shall be installed. In locations where there are no existing frame seals, a **Cretex** internal/external frame seal shall be installed. The installation of the internal/external frame seal will not be paid for separately and will be considered incidental to this pay item.

The internal/external frame seal shall consist of the following:

- 1) Provide frame seals consisting of a flexible internal rubber sleeve, rubber ring, and external rubber sleeve and extension, and stainless-steel compression bands.
- 2) Rubber sleeve, ring, butyl tape, and extension:
 - a) Provide rubber sleeve and extension complying with ASTM D412 and ASTM D2240.
 - b) Provide rubber ring complying with ASTM D-2000.
 - c) Provide butyl tape: Comply with 1000% minimum webbing @ 77 degrees F, 500% minimum elongation @ 32 degrees F, and maximum 75 PSI compressibility @ 77 degrees F.
 - d) Provide sleeve with a minimum thickness of 0.062” and unexpanded external vertical heights of 10 to 12 inches.
 - e) Provide extension having a minimum thickness of 0.062”.
 - f) Comply with a minimum 1500 PSI tensile strength, maximum 18% compression set and a hardness (durometer) of 48 +/- 5.
- 3) Compression Band:
 - a) Provide compression band to compress the sleeve against the manhole.
 - b) Use 16-gauge stainless steel conforming to ASTM A240 Type 304 with no welded attachments and having a minimum width of one-half inch (½”).
 - c) Make a watertight seal having a minimum adjustment range of two inches (2”) in diameter.
 - d) Provide stainless steel screws, bolts, and nuts conforming to ASTM F593 and 594, Type 304.
- 4) Acceptable Products:
 - a) Cretex Companies, Inc.
 - b) Or as required by the owner of the sanitary sewer system

The internal/external frame seal shall be installed as follows:

- 1) Install internal/external rubber gasket on the manhole chimney.
 - a) Provide watertight gasket to eliminate leakage between the internal/external frame seal and the adjusting ring and between each adjusting ring down to and including the cone section.

- 2) Clean surface and prepare the lower two inches (2") of the manhole frame and exterior of all adjusting rings and cone section/corbel surfaces.
- 3) Install internal rubber gasket in accordance with manufacturer's recommendations.
 - a) Field verify for suitable dimensions and layout before installation.
 - b) Realign frame as required
- 4) Repair and apply mortar grout to the adjusting rings as required to provide a smooth, circular surface for the external rubber gasket.
- 5) Install external rubber gasket in accordance with manufacturer's recommendations
 - a) Field verify for suitable dimensions and layout before installation.
 - b) Utilize sealing caulk where required
 - c) Provide chimney seal extensions as required
- 6) Test installation by flooding area around the manhole with water before backfilling and surface restoration.
 - a) Gaskets are required to provide watertight seal at openings between the frame and adjusting rings and between adjacent adjusting rings down to the cone/corbel section.
- 7) Reinstall and retest failing gaskets at no additional cost to the CITY
- 8) Or as required by the Owner of the sanitary sewer system.
- 9) Lids for the sanitary manhole adjustment shall have the words "SANITARY" and "CREST HILL" cast into them.

Basis of Payment: this work will be paid for at the contract unit price per each of SANITARY MANHOLES TO BE ADJUSTED, which price shall include all of the above. Where directed by the ENGINEER, the existing frame and lid shall be removed and replaced with **SEALED** Type 1 Frame and closed lid. External chimney seal shall be provided in accordance with ASTM C-923. The frame, lid, and chimney seal shall be included in the cost of sanitary manhole adjustments and will not be paid for separately. This work shall be paid for at the Contract unit price per each for SANITARY MANHOLE TO BE ADJUSTED.

FRAME AND LID TO BE ADJUSTED (SPECIAL)

Description: This work shall be done in accordance with Section 602 and applicable provisions of Section 603 of the STANDARD SPECIFICATIONS and shall consist of the adjustment of storm sewer structures and furnishing and installing a new type 1 frame, closed lid within the roadway that is being milled and resurfaced. As well as the adjustment of water main valve boxes within the roadway that is being milled and resurfaced.

Contractor shall follow the City of Crest Hill's Frame Adjustment When Milling detail which is included in the plan set under the construction details.

Basis of Payment: This work will be paid for at the contract unit price per each of FRAME AND LID TO BE ADJUSTED (SPECIAL), which price shall include all materials, labor, and equipment necessary to perform this work.

SANITARY SEWER SERVICE ADJUSTMENT

Description: This work shall consist of adjusting existing sanitary sewer to avoid a potential utility conflict. The sanitary sewer service shall connect to the existing sanitary sewer main and be constructed to the limits of the proposed sewer or water main conflict at which point a sanitary sewer cleanout shall be installed. All work shall be performed in accordance with applicable sections of both Section 33 of the WATER AND SEWER STANDARD SPECIFICATIONS and Section 563 of the STANDARD SPECIFICATION and as specified herein.

33-4 PIPE AND JOINT MATERIALS. Revise the Article to read as follows:

“Sanitary sewer shall be PVC, SDR 26 having a minimum cell classification of 12454 per ASTM D1784 and meeting the requirements of ASTM D3034. The pipe joints and fittings shall be elastomeric seals meeting the requirements of ASTM D3212 and F477. If required, connections to existing sanitary sewer main shall be made with a stainless-steel tapping saddle. All residential sanitary sewer services shall be six (6) inches in diameter.”

Construction. Installation of sanitary sewer service shall be accomplished to line and grade in the trench only after it has been dewatered and the foundation and/or bedding has been prepared in accordance with Section 20 of the WATER AND SEWER STANDARD SPECIFICATIONS. Mud, silt, gravel and other foreign material shall be kept out of the pipe and off the jointing surface

All pipe laid shall be retained in position so as to maintain alignment and joint closure until sufficient backfill has been completed to adequately hold the pipe in place. All pipe shall be laid to conform to the prescribed line and grade specified.

The pipe bedding shall be a minimum of four (4) inches in depth and shall be placed on a sound trench bottom. If unsuitable material is encountered in the trench bottom, the CONTRACTOR shall remove the unsuitable material until suitable material is encountered or as directed by the ENGINEER. All unsuitable material removed shall be replaced with the bedding material.

After the pipe has been laid to the specified line and grade, the CONTRACTOR shall place haunching material on each side of the installed pipe to a level equal to the spring line of the pipe. The CONTRACTOR shall verify that the pipe is adequately supported for the entire length of the installed pipe. Following the haunching of the pipe, the initial backfill shall be placed to a depth that is a minimum of twelve (12) inches above the top of the installed pipe.

The bedding, haunching, and initial backfill material shall have a gradation that meets the minimum requirements of IDOT gradation CA-7.

Upon completion of the initial backfill, the remainder of the trench shall be backfilled to the natural line of finished surface as rapidly as the conditions will permit. The backfill material for trenches where the inner edge of the trench is within two (2) feet or in existing pavements, curb, gutter, or sidewalks shall meet the requirements of the TRENCH BACKFILL, SPECIAL Provision provided elsewhere herein.

All fittings shall be factory produced and shall be designed for installation on the pipe used. Fittings shall be of the same quality and material as the pipe used.

The maximum deflection permissible at any one (1) fitting shall not exceed 45 degrees. The maximum deflection of any combination of two adjacent fittings shall not exceed 45 degrees unless a segment of pipe not less than two and one half (2-1/2) feet in length be installed between such adjacent fittings.

The sanitary sewer service shall be laid at a minimum grade of one (1) percent and shall have a minimum depth of six (6) feet and a maximum depth of eight (8) feet at the Right of Way line unless otherwise directed by the ENGINEER.

Sanitary sewer service connections shall be made to existing sewer main tees. If there is not an existing tee, or if the orientation of the tee is such that a new tee is required to provide the proper separation, the connection shall be made by machine made tap and a stainless-steel tapping saddle. Connections made to existing sanitary sewer pipe shall be made with flexible PVC repair couplings with a stainless-steel shear ring such as Fernco "Strong Back RC 1000 Series" couplings or approved equal. This work shall be considered incidental to the sanitary sewer adjustment.

Measurement and Payment: This work will be paid for at the contract unit price per foot for SANITARY SEWER SERVICE ADJUSTMENT which price shall include all pipe, fittings, excavation, removal and disposal of all excavated material, bedding, haunching backfill, initial backfill, tapping saddles, machine made taps. Final TRENCH BACKFILL, SPECIAL will be measured separately for payment.

STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2

Description. This work shall include the installation of Class A Rubber Gasket storm sewers at location shown on the plans and as directed by the ENGINEER. This work shall conform to applicable sections of the WATER AND SEWER SPECIFICATIONS and applicable provisions of Section 550 of the STANDARD SPECIFICATIONS.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price per lineal foot for STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, of size specified, which price shall include all labor; excavation; materials, including pipe, structure and pipe connections, fittings and bedding; backfilling, compacting and removal of spoils; dewatering; and equipment necessary to complete the work as specified herein.

Placement and compaction of TRENCH BACKFILL, SPECIAL shall be paid for separately.

STORM STRUCTURES TO BE ADJUSTED

Description: This work shall consist of the adjusting of drainage structures within the curb line. The term "STRUCTURE" shall be understood to refer to any of the following: catch basins, manholes, inlets. This work shall be completed in accordance with applicable provisions of Section 602 of the STANDARD SPECIFICATIONS.

This item includes the cost of a new precast cone section or barrel sections if needed when adjusting the structures within the curb line. The frame shall be replaced with a new Type 1 Frame Open Lid. Contractor shall also follow the detail for the placement of the new Type 1 open Lid within the curb line "CURB WITH TYPE 1 FRAME AND GRATE".

Each structure adjustment shall be limited to a maximum of one (1) foot in adjustment height and a maximum of two adjustment rings. Adjustment rings for structures in the pavement and rings under 2" on all drainage adjustments shall be performed rubber. Adjustment rings greater than 2" for structures in the parkway may be PCC. The CONTRACTOR shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure and adjustment ring. The CONTRACTOR shall also place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the top of the adjusting ring and the bottom of the frame.

Basis of Payment: This work will be paid for at the contract unit price per each of STORM STRUCTURES TO BE ADJUSTED, which price shall include all materials, labor, and equipment necessary to perform this work.

VALVE BOXES TO BE REMOVED

Description. This work shall consist of the complete removal and disposal of existing valve box structure at locations shown on the plans or as directed by the Engineer.

Removal and disposal of the existing valve box shall be as specified in Section 605 of the IDOT SSRBC.

Construction Requirements. No work shall proceed prior to the shutdown of any water main passing through or adjacent to the box structure to be removed. This work shall consist of removing the frame and lid of an existing box structure, removal of the valves, fittings, taps and other elements of the water system within the box, removing large debris and backfilling holes as required. Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

The excavated area shall be backfilled with CA7 and is included in the cost of the structure removal. Any capping of existing water mains that remain in place once the box is removed will also be included.

Method of Measurement. This work will be paid for per each existing valve box removed including all valves, fittings, taps or other elements of the water system within the vault. All backfill will be considered as part of the vault removal.

Basis of Payment. This work will be paid for at the contract unit price each for VALVE BOXES TO BE REMOVED.

VALVE VAULTS TO BE REMOVED

Description. This work shall consist of the complete removal and disposal of existing valve vaults structure at locations shown on the plans or as directed by the Engineer.

Removal and disposal of the existing valve vaults shall be as specified in Section 605 of the IDOT SSRBC.

Construction Requirements. No work shall proceed prior to the shutdown of any water main passing through or adjacent to the vault structure to be removed. This work shall consist of removing the frame and lid of an existing vault structure, removal of the valves, fittings, taps and other elements of the water system within the vault, breaking down the structure walls, removing large debris and backfilling

holes as required. Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

The excavated area shall be backfilled with CA7 and is included in the cost of the structure removal. Any capping of existing water mains that remain in place once the vault is removed will also be included.

Method of Measurement. This work will be paid for per each existing valve vault removed including all valves, fittings, taps or other elements of the water system within the vault. All backfill will be considered as part of the vault removal.

Basis of Payment. This work will be paid for at the contract unit price each for VALVE VAULTS TO BE REMOVED.

STRUCTURES TO BE REMOVED

Description. This item of work shall be performed as directed by the ENGINEER in conformance with applicable provisions of Section 605 of the STANDARD SPECIFICATIONS. Storm Structures designated for removal shall be completely removed. Storm Structure shall be understood to mean any Manhole, Catch Basin or Inlet. Depending on existing site conditions, the ENGINEER may direct the CONTRACTOR to completely remove a Storm Structure. The hole formed thereby from the removal shall be filled with crushed aggregate conforming to CA-7 when in a roadway or walkway.

Basis of Payment. The work involved to remove a Storm Structure will be paid for at the contract unit price per each for STRUCTURES TO BE REMOVED, respectively. These prices shall include all labor, excavation, equipment, materials (including backfill material),

SUMP LINE

Description: This work shall consist of the installation of PVC SDR 35 sump drain pipe conforming to ASTM D-3034 size to be determined in the field.

Construction Requirements: During construction if a sump pump line is encountered during construction or preconstruction walk through the contractor is required to identify the pipe on the plans and work with the Engineer to determine what needs to be done. If it was found during the preconstruction walk through the contractor and Engineer will work to figure out if it will be in conflict with the improvements and determine a route to relocate the line. If the line is found during construction and is damaged during construction the contractor is to notify the Engineer and work on how to repair the damaged line so the service is not interrupted. If the Engineer approves it, an option would be to connect the line to a storm sewer manhole nearby is possible. The manhole shall be cored and not sawed open for the new pipe connection. If a drainage structure is not near by the contractor is to work with the Engineer on how the pipe shall daylight and provide positive drainage while not cause a ponding or wet area in the landscaped areas within the City ROW.

Method of Measurement: Installation of SUMP LINE shall be measured in place and the length calculated in feet.

Basis of Payment: This work will be paid for at the contract unit price per foot for SUMP LINE. All excavation, disposal of excavated material, cored manhole/inlet/catch basin connection, tees, fittings, cleanouts, trench backfill, granular bedding, and backfill shall not be paid for separately but shall be included in the cost of SUMP LINE, of the diameter specified.

TRAFFIC CONTROL & PROTECTION (SPECIAL)

701.01 Description. This work shall be performed in accordance with Section 701 of the STANDARD SPECIFICATIONS and any Highway Standards contained herein with the following clarifications.

Special attention is called to Articles 107.09 and 107.14 and the following Highway Standards and District One Standards relating to traffic control:

Highway Standards:

701501 Urban Lane Closure 2-lane, 2-way, Undivided

701801 Urban Lane Closure Crosswalk or Sidewalk Closure

701901 Traffic Control Devices

District One Standards:

TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways

City Standards:

PVT-12 Typical Pavement Marking

701.04 General. Add the following to the Article:

“The CONTRACTOR shall make frequent inspections of the worksite. Any traffic control items that are worn, damaged or are inoperative to the extent that they no longer meet these specifications or that have been displaced shall be repaired or removed and replaced. Traffic control items shall be properly installed and operational 24 hours-a-day, 7 days a week. The CONTRACTOR shall respond to requests from the CITY to correct traffic control deficiencies within 4 hours of the request. If specification is not met within 4 hours of notice, the CITY will take whatever action it may deem necessary to bring the traffic control within specification and deduct all costs (actual and incurred) from amounts due the CONTRACTOR.

The CONTRACTOR shall maintain at least one lane of traffic for local and emergency use at all times. Entrances to driveways and side roads shall also be maintained as indicated in the special provision for TEMPORARY ACCESS .

All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 702001.

Temporary detour signage shall be paid for separately as DETOUR SIGNAGE, however all traffic control devices for the different Stages shall be included in the cost of this item.

Temporary Stop signs shall be included in the cost of this item and not paid for separately.”

701.19 Method of Measurement. Add the following to the Article:

“No compensation for any delays that may be caused the CONTRACTOR in complying with this special provision shall be made.”

701.20 Basis of Payment. This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL & PROTECTION (SPECIAL), less monies deducted for non-compliance with Section 701.

TRAFFIC CONTROL DEFICIENCY DEDUCTION

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the CONTRACTOR shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the ENGINEER is notified or determines a deficiency exists, they shall be the sole judge as to whether the deficiency is an immediate safety hazard. The CONTRACTOR shall dispatch sufficient resources within 4 hours of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within 12 hours. If the CONTRACTOR fails to restore the required traffic control and protection within the time limits specified above, the CONTRACTOR will not be paid for that day of Traffic Control and Protection. In addition, if the CONTRACTOR fails to respond, the ENGINEER may correct the deficiencies and the cost thereof will be deducted from monies due or which may become due to the CONTRACTOR. This corrective action will in no way relieve the CONTRACTOR of his/her contractual requirements or responsibilities.

TRENCH BACKFILL, SPECIAL

Description: The provisions of Section 208 of the STANDARD SPECIFICATIONS shall be modified such that the material used for trench backfill shall be CA-7 Coarse Aggregate. The trench backfill shall be compacted only by Method 1 as defined in Article 550.07 of the STANDARD SPECIFICATIONS.

Method of Measurement and Basis of Payment: This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL, SPECIAL which price shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified. The quantity of trench backfill for payment shall be determined by using the method of measurement as shown in the plans as the Typical Trench Detail for Water Main and as defined in Article 208.03(b) of the STANDARD SPECIFICATIONS for pipes other than water main. The top 5" of any trench requiring trench backfill within roadway shall be backfilled with temporary aggregate bringing the trench flush with the adjacent pavement. The installation of the 5" of temporary aggregate will not be considered for payment but shall be included in the unit price per cubic yard for TRENCH BACKFILL, SPECIAL.

WATER SERVICE LINE, 1" (LONG)

WATER SERVICE LINE, 1" (SHORT)

Description. This work will include all labor, equipment, and materials to install new Type K copper 1-inch water service lines as shown on the plans from the new water main to the property line. The work cannot begin until a satisfactory chlorination report is received on the new water main. Once this report is received the CONTRACTOR shall then disconnect the house services from the old main and connect new services to the new main at locations shown on the plans. This work shall also include the removal and abandonment of the existing service.

Materials. All material shall be approved by the CITY prior to installation.

Corporation Stops: Corporation stops shall be of brass, ball valve type manufactured in accordance with AWWA Standard C800. The inlet connection shall have standard AWWA tapered threads unless otherwise specified or as field conditions dictate or as required by the ENGINEER. The outlet connection shall be a copper or brass compression connection end pack for copper pipe. Corporation stop sizes from 1" to 2" shall match the size of the specified service line materials in the field or as required by the CITY.

Preferred manufacturers and model numbers are:

Ford, F1000, Q-Series with alternates allowed only as directed by the ENGINEER.

Curb Stops: Curb Stops shall be bronze body construction, ball valves, with double O-ring stern seals. Curb stops shall conform to AWWA Standard C800. End connections shall be suitable for copper or brass compression connections. Sizes shall match the service line size.

Preferred manufacturers and model numbers is:

Ford, Compression No Flare, Q-Series, 1½" minimum, with alternates allowed only as directed by the ENGINEER.

Curb boxes shall be standard cast iron, sliding or screw type, 1" or 2-1/2" as required, complete with lid and head bolt. Boxes shall be adjustable from 18-inches to 66-inches. Curb box type shall be Ford "Minneapolis Pattern".

Construction Requirements. The water service line shall be one continuous piece of pipe from the corporation stop to the curb stop with no unions. Each water service shall run perpendicular to the main, directly to the curb stop with no kinks or bends.

The existing service lines are 1" or ¾" diameter of varying material. The locations of existing water service lines on the plans are approximated and exact locations shall be determined in the field. It is the CONTRACTOR's responsibility to locate all existing domestic water service boxes and water services. The CONTRACTOR shall provide the proper couplings between copper and the varying material.

Water Service Installation: The method of installation, excavating and backfilling shall be in accordance with Section 562 of the STANDARD SPECIFICATIONS and Sections 41-2.11, 41-2.12, and 41-2.13 of the WATER AND SEWER SPECIFICATIONS and as described below.

Excavation and Bedding: The trench shall be excavated to an elevation to allow the minimum cover over the service line as called for on the plans. Provision shall be made by the CONTRACTOR to allow for any future cuts to be made to the ground over the pipe to assure that the minimum cover is maintained.

Backfilling: The backfilling required for each water service line shall be as shown on the plans and in accordance with the TRENCH BACKFILL, SPECIAL provision.

After all, backfill has been completed, the ground surface shall be shaped to conform to the contour of adjacent surfaces.

Disposal of Surplus Excavated Material: Surplus excavated material not needed for backfill shall be promptly removed from the site to locations provided by the CONTRACTOR. The cost of removal and disposal of surplus excavated materials shall be included in the cost for water service line installation.

WATER SERVICE LINE, 1" (LONG) shall be the one (1) inch water service lines installed on the side of the roadway opposite of the newly constructed water main. WATER SERVICE LINE, 1" (SHORT) shall be the one (1) inch water service lines installed on the same side of the roadway as the newly constructed water main.

Basis of Payment. All excavation, couplings, new 1" diameter copper water service lines, connections to the existing service line and new water main, capping of any abandoned water service line, necessary TRENCH BACKFILL, SPECIAL, the new curb stop and new corporation stop will not be paid separately but shall be included in the contract unit price per each for WATER SERVICE LINE, 1" (LONG) or WATER SERVICE LINE, 1" (SHORT).

CORPORATION STOPS

Description. This work shall consist of furnishing and installing corporation stops to new and existing water mains, in accordance with Section 562 of the STANDARD SPECIFICATIONS and Sections 41-2.11 and 41-2.13 of the WATER AND SEWER SPECIFICATIONS.

Materials. The corporation stops shall be Ford, F1000, Q-Series or an approved equal.

Method of Measurement and Basis of Payment. This work shall not be paid for separately but shall be included in the corresponding WATER SERVICE LINE, of the specified diameter (LONG) or WATER SERVICE LINE, of the specified diameter (SHORT) pay items when installed as part of a water service connection. Corporation stops installed on the new water main for the purpose of testing the water main shall not be paid for separately but shall be included in the corresponding price per lineal foot for DUCTILE IRON WATER MAIN of the specified size. This shall be considered payment in full for all labor, equipment, and material required to complete the work as specified herein.

RELOCATE EXISTING MAILBOX

Description. This work shall consist of the removal and reinstallation of all mailboxes within the limits of construction which interfere with construction operations.

The Contractor shall erect the removed mailboxes at temporary locations.

As soon as construction operations permit, the Contractor shall set the mailboxes at their permanent locations. This work shall be performed as directed by the Engineer.

The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations at their own expense and to the satisfaction of the Engineer.

Method of Measurement. This item will be measured for payment per each mailbox removed, temporarily erected and reinstalled.

Basis of Payment. This work will be paid for at the contract unit price per each for **RELOCATE EXISTING MAILBOX** and shall include -all labor, equipment, and materials necessary to complete the work as specified herein and as directed by the Engineer.

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019

Revised: December 1, 2021

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13 ^{4/} , CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 ^{3/4/} or CA 16 ^{3/}
	IL-9.5	CA 16, CM 13 ^{4/}
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

Revise Article 1004.03(e) of the Supplemental Specifications to read:

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption
 ≤ 2.0 percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5”

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

“Item	Article/Section
(g) Performance Graded Asphalt Binder (Note 6)	1032
(h) Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein..”

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING)" ^{1/}												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 ^{6/}	90	100
#8 (2.36 mm)	20	42	16	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 µm)			12	16	12	18			15	30		
#50 (300 µm)	6	15					4	15	8	15	15	30
#100 (150 µm)	4	9					3	10	6	10	10	18
#200 (75 µm)	3.0	6.0	7.0	9.0 ^{3/}	7.5	9.5 ^{3/}	4.0	6.0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 µm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.
- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.

3/ Applies when specific gravity of coarse aggregate is ≥ 2.760 .

4/ Applies when specific gravity of coarse aggregate is < 2.760 .

5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steel slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Add after third sentence of Article 1030.09(b) to read:

" If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA ^{3/} _{4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.

“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver.”

Add the following after the fourth paragraph of Article 406.13 (b):

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G_{mb} .”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”. At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results.”

Revise third paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production.”

FRICTION AGGREGATE (D1)

Effective: January 1, 2011

Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

“1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete

Use	Mixture	Aggregates Allowed
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}

Use	Mixture	Aggregates Allowed	
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> ^{5/} :	
		Crushed Gravel	
		Carbonate Crushed Stone (other than Limestone) ^{2/}	
		Crystalline Crushed Stone	
		Crushed Sandstone	
		Crushed Slag (ACBF)	
		Crushed Steel Slag ^{4/}	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
		75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} :	
		Crushed Gravel	
		Crystalline Crushed Stone	
		Crushed Sandstone	
		Crushed Slag (ACBF)	
		Crushed Steel Slag	
		No Limestone.	

Use	Mixture	Aggregates Allowed	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Dolomite ^{2/}	Any Mixture E aggregate
		75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} :	
		Crystalline Crushed Stone	
		Crushed Sandstone	
		Crushed Slag (ACBF)	
		Crushed Steel Slag	
		No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

1/ Crushed steel slag allowed in shoulder surface only.

- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

V3 Companies, Ltd

City of Crest Hill

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

Will County Prevailing Wage Rates posted on 3/19/2024

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						Overtime										
Trade Title	Rg	Type	C	Base	Foreman	M-F	Sa	Su	Hol	H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
ASBESTOS ABT-GEN	All	ALL		48.90	49.90	1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		40.59	43.84	1.5	1.5	2.0	2.0	15.22	15.16	0.00	0.88		2.80	5.60
BOILERMAKER	All	BLD		54.71	59.63	2.0	2.0	2.0	2.0	6.97	25.06	0.00	2.83		0.00	0.00
BRICK MASON	All	BLD		50.81	55.89	1.5	1.5	2.0	2.0	12.50	23.01	0.00	1.16	0.00	0.00	0.00
CARPENTER	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
CEMENT MASON	All	ALL		46.25	48.25	2.0	1.5	2.0	2.0	12.39	31.82	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		45.62	45.62	1.5	1.5	2.0	2.0	12.75	15.64	0.00	1.04	0.00	0.00	0.00
CERAMIC TILE LAYER	All	BLD		53.14	58.14	1.5	1.5	2.0	2.0	12.75	19.41	0.00	1.12	0.00	0.00	0.00
COMMUNICATION TECHNICIAN	All	BLD		43.00	47.30	1.5	1.5	2.0	2.0	16.89	16.10	0.00	0.75	2.37	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		60.15	66.00	1.5	1.5	2.0	2.0	13.08	20.29	0.00	3.25	0.00	0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		46.92	66.00	1.5	1.5	2.0	2.0	10.21	15.83	0.00	2.54	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		60.15	66.00	1.5	1.5	2.0	2.0	13.08	20.29	0.00	3.25	0.00	0.00	0.00
ELECTRICIAN	All	BLD		52.00	56.68	1.5	1.5	2.0	2.0	17.34	21.56	0.00	1.35	4.76	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		65.12	73.26	2.0	2.0	2.0	2.0	16.08	20.56	5.20	0.70		0.00	0.00
GLAZIER	All	BLD		49.75	51.25	1.5	2.0	2.0	2.0	15.44	25.36	0.00	2.07	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		54.12	57.37	1.5	1.5	2.0	2.0	15.22	17.86	0.00	0.88		4.15	8.30
IRON WORKER	All	ALL		49.00	53.90	2.0	2.0	2.0	2.0	13.81	29.18	0.00	1.00	0.00	0.00	0.00
LABORER	All	ALL		48.90	49.65	1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
LATHER	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
MACHINIST	All	BLD		55.74	59.74	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		38.75	52.46	1.5	1.5	2.0	2.0	12.50	20.95	0.00	0.66	0.00	0.00	0.00
MARBLE SETTER	All	BLD		49.96	54.96	1.5	1.5	2.0	2.0	12.50	22.31	0.00	0.85	0.00	0.00	0.00
MATERIAL TESTER I	All	ALL		38.90		1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
MATERIALS TESTER II	All	ALL		43.90		1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
OPERATING ENGINEER	All	BLD	1	56.60	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00

Will County Prevailing Wage Rates posted on 3/19/2024

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OPERATING ENGINEER	All	BLD	2	55.30	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	3	52.75	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	4	51.00	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	5	60.35	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	6	57.60	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	7	59.60	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	1	64.55	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	2	63.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	3	58.55	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	4	54.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	5	66.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	6	54.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	1	54.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	2	54.25	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	3	52.20	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	4	50.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	5	49.60	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	6	57.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	7	55.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
PAINTER	All	ALL		51.55	57.99	1.5	1.5	1.5	2.0	14.76	15.69	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		45.49	51.09	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIIVER	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
PIPEFITTER	All	BLD		55.00	58.00	1.5	1.5	2.0	2.0	12.65	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		48.75	51.68	1.5	1.5	2.0	2.0	17.33	20.33	0.00	1.15	0.00	0.00	0.00
PLUMBER	All	BLD		56.80	60.20	1.5	1.5	2.0	2.0	17.00	17.29	0.00	1.73		0.00	0.00
ROOFER	All	BLD		49.25	54.25	1.5	1.5	2.0	2.0	11.83	16.14	0.00	1.11	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		54.25	56.96	1.5	1.5	2.0	2.0	13.60	19.43	0.00	1.59	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		56.60	59.35	1.5	1.5	2.0	2.0	14.45	18.80	0.00	0.75	0.00	0.00	0.00
STONE MASON	All	BLD		50.81	55.89	1.5	1.5	2.0	2.0	12.50	23.01	0.00	1.16	0.00	0.00	0.00
TERRAZZO FINISHER	All	BLD		46.94	46.94	1.5	1.5	2.0	2.0	12.75	17.73	0.00	1.07	0.00	0.00	0.00

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TERRAZZO MECHANIC	All	BLD		50.85	54.35	1.5	1.5	2.0	2.0	12.75	19.12	0.00	1.10	0.00	0.00	0.00
TRAFFIC SAFETY WORKER I	All	HWY		40.10	41.70	1.5	1.5	2.0	2.0	10.60	9.35	0.00	1.00	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		41.10	42.70	1.5	1.5	2.0	2.0	10.60	9.35	0.00	1.00	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	43.70	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	43.85	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	44.05	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	44.25	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TUCKPOINTER	All	BLD		50.53	51.53	1.5	1.5	2.0	2.0	9.55	21.72	0.00	1.11	0.00	0.00	0.00

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations WILL COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

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ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

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MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with

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attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

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OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turntrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue, East; Post Office Box 19276; Springfield, IL 62794-9276

Division of Public Water Supplies

Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: CREST HILL (IL1970250)

Permit Issued to:
City of Crest Hill
1610 Plainfield Road
Crest Hill, Illinois 60403

PERMIT NUMBER: 0470-FY2024

DATE ISSUED: March 20, 2024

PERMIT TYPE: Water Main Extension

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated, and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the Environmental Protection Act, Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: V3 Companies of Illinois, Ltd.
NUMBER OF PLAN SHEETS: 2
TITLE OF PLANS: "Water Main Replacement Circle Street"
APPLICATION RECEIVED DATE: November 3, 2023

PROPOSED IMPROVEMENTS:

*** The installation of approximately 59 feet of 6-inch and 699 feet of 8-inch diameter water main along Circle Street running from Caton Farm Road to Grandview Avenue in the City of Crest Hill. ***

ADDITIONAL CONDITIONS:

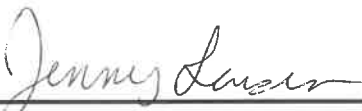
1. All water mains shall be satisfactorily disinfected prior to use pursuant to Ill. Adm. Code, Title 35, Subtitle F, Section 602.310. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria. The samples must be collected from every 1,200 feet of new water main along each branch and from the end of the line. An operating permit must be obtained before the project is placed in service. The application for operating permit and supporting documents can either be mailed to this office or emailed to EPA.PWSPermits@illinois.gov. Use of the email address is preferred.
2. When the owner or operator of a community water supply replaces a water main, the community water supply shall identify all lead service lines connected to the water main and shall comply with the requirements of Section 17.12 of the Act, 415 ILCS 5/17.12 for lead service line replacement. Galvanized service line must also be replaced if the galvanized service line is or was connected downstream to the lead piping. A statement must be submitted with the Application for Operating Permit indicating either that no full or partial lead service lines were identified or that Section 17.12 of the Act was complied with for this project.

3. When replacing water mains with lead service lines or partial lead service lines connected to them, the owner or operator of the community water supply shall provide the owner or operator of each potentially affected building that is serviced by the affected lead service lines or partial lead service lines, as well as the occupants of those buildings, with an individual written notice. The lead informational notice shall be provided at least 14 days prior to permitted water main work. The notification provided by the community water supply must satisfy the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj). A copy of the notice used must be submitted to the Agency with the Application for Operating Permit.

4. The permit approval is for the Application and 2 plan sheets received on November 3, 2023, Schedule B received on March 5, 2024, and additional information received on February 1, 20, & 27, 2024, and March 5, 2024.

JML: GTG

cc: V3 Companies of Illinois, Ltd.
Elgin Regional Office
IDPH/DEH Plumbing & Water Quality Program



Jenny Larsen, P.E.
Working Supervisor, Permit Section – Unit B
Division of Public Water Supplies

STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

The Illinois Environmental Protection Agency Act (415 ILCS 5/39) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

These standard conditions shall apply to all permits which the Agency issues for construction or development projects which require permits under the Division of Water Pollution Control, Air Pollution Control, Public Water Supplies and Land Pollution Control. Special conditions may also be imposed by the separate divisions in addition to these standard conditions.

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year after this date of issuance unless construction or development on this project has started on or prior to that date.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentation of credentials:
 - a. to enter at reasonable times the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit.
 - b. to have access to and copy at reasonable times any records required be kept under the terms and conditions of this permit.
 - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.
 - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.
 - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
 - a. shall not be considered as in any manner affecting the title of the permits upon which the permitted facilities are to be located;
 - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
 - c. does not release the permittee from compliance with the other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
 - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
 - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability directly or indirectly for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. These standard conditions shall prevail unless modified by special conditions.
7. The Agency may file a complaint with Board of modification, suspension or revocation of a permit:
 - a. upon discovery that the permit application misrepresentation or false statements or that all relevant facts were not disclosed; or
 - b. upon finding that any standard or special conditions have been violated; or
 - c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Dear Water Customer:

Today's Date: _____

This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice.

Diese Mitteilung beinhaltet wichtige Informationen über Ihre Wasserversorgung und könnte Ihre Rechte beeinflussen. Wir bitten Sie, dass Sie diese Mitteilung vollständig in eine Sprache übersetzen lassen, die Sie verstehen, bevor Sie eventuelle Entscheidungen treffen, welche im Zusammenhang mit dieser Benachrichtigung erforderlich sind.

Ang abisong ito ay naglalaman ng mahalagang impormasyon tungkol sa iyong serbisyo sa tubig at maaaring makaapekto sa iyong mga karapatan. Hinihikayat namin kayo na isalin nang buo ang abisong ito sa wikang naiintindihan ninyo at bago kayo gumawa ng anumang mga desisyon na maaaring kailanganin sa abisong ito.

આ સૂચનામાં તમારી પાણીની સેવા વિશે મહત્વપૂર્ણ માહિતી શામેલ છે અને તમારા અધિકારોને અસર કરી શકે છે. અમે તમને પ્રોત્સાહિત કરીએ છીએ કે તમે આ સૂચના હેઠળ જરૂરી હોય તેવા કોઈપણ નિર્ણયો લો તે પહેલાં તમે આ સૂચનાને તમે સમજો છો તે ભાષામાં સંપૂર્ણ ભાષાંતર કરો.

Niniejsze zawiadomienie zawiera ważne informacje na temat Państwa przyłącza wodociągowego i może mieć wpływ na Państwa prawa. Przed podjęciem jakichkolwiek decyzji, które mogą być wymagane na mocy niniejszego zawiadomienia, zachęcamy Państwa do przetłumaczenia całości niniejszego zawiadomienia na język, który będzie dla Państwa zrozumiały.

يحتوي هذا الإشعار على معلومات مهمة حول خدمة المياه لديك، وقد يؤثر على حقوقك. قبل اتخاذ أي قرارات قد تكون مطلوبة بموجب هذا الإشعار فإننا نشجعك على ترجمته بالكامل إلى لغة تفهمها.

اس نوٹس میں آپ کی پانی کی سروسز سے متعلق اہم ترین معلومات موجود ہیں اور یہ آپ کے حقوق کو متاثر کر سکتا ہے۔ ہم آپ کو ترغیب دیں گے کہ آپ اس نوٹس کا مکمل طور پر اس زبان میں ترجمہ کروائیں جو آپ سمجھتے ہوں اور ممکن ہے کہ آپ کے کوئی فیصلہ لینے سے قبل اس نوٹس کے تحت یہ درکار بھی ہو۔

Este aviso contiene información importante sobre su servicio de agua y puede afectar sus derechos. Lo animamos a que traduzca este aviso a un idioma que comprenda antes de tomar cualquier decisión que pueda ser necesaria en virtud del mismo.

이 통지서에는 귀하의 권리에 영향을 미칠 수 있는 수도 서비스에 관한 중요한 정보가 제시되어 있습니다. 이 통지서에서 요구하는 결정을 내리기 전에 이 통지서를 귀하가 이해할 수 있는 언어로 번역하시기 바랍니다.

本通知包含有关您的供水服务的重要信息，可能会影响到您的权利。在您做出本通知所要求的任何决定之前，我们鼓励您将本通知完整地翻译成您可理解的语言。

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Our water system will soon begin a water line maintenance and/or construction project that may affect the lead concentrations in your drinking water. Lead, a metal found in natural deposits, is harmful to human health, especially young children, and pregnant women. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that can carry oxygen to all parts of your body. The most common exposure to lead is swallowing or breathing in lead paint chips and dust. However, lead in drinking water can also be a source of lead exposure. In the past, lead was used in some water service lines and household plumbing materials. Lead in water usually occurs through corrosion of plumbing products containing lead; however, disruption (construction or maintenance) of lead service lines may also temporarily increase lead levels in the water supply. This disruption may be sometimes caused by water main maintenance/replacement.

The purpose of this notice is for informational purposes only. While it's not known for certain whether this construction project will adversely affect the lead (if present) plumbing in and outside your home, below describes some information about the project and some preventative measures you can take to help reduce the amount of lead in drinking water.

Project Start Date: _____ Project expected to be completed by: _____

Project location and description: _____

What you can do to reduce lead exposure in drinking water during this construction project:

- *Run your water to flush out lead.* If the plumbing in your home is accessible; you may be able to inspect your own plumbing to determine whether you have a lead service line or lead solder. Otherwise, you will most likely have to hire a plumber.
 - If you do not have a lead service line, running the water for 1 – 2 minutes at the kitchen tap should clear the lead from your household plumbing to the kitchen tap. Once you have done this, fill a container with water and store it in the refrigerator for drinking, cooking, and preparing baby formula throughout the day.
 - If you do have a lead service line, flushing times can vary based on the length of your lead service line and the plumbing configuration in your home. The length of lead service lines varies considerably. Flushing for at least 3 – 5 minutes is recommended.
- *Use cold water for drinking, cooking, and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water. Do not use water from the hot water tap to make baby formula.
- *Look for alternative sources or treatment of water.* You may want to consider purchasing bottled water or a water filter that is certified to remove "total lead".
- *Clean and remove any debris from faucet aerators on a regular basis.*
- *Do not boil water to remove lead. Boiling water will not reduce lead.*
- *Purchase lead-free faucets and plumbing components.*
- *Remove the entire lead service line.*
- *Test your water for lead.* Call us at: _____ to find out how to get your water tested for lead. While we do not do the testing, we can provide a list of laboratories certified to do the testing. Laboratories will send you the bottles for sample collection. Please note that we are not affiliated with any laboratory, and they will charge you a fee.
 - If test results indicate a lead level above 15 ug/L, bottled water should be used by pregnant women, breast-feeding women, young children, and formula-fed infants.



Illinois Environmental Protection Agency

Item 5.

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Public Water Supplies, Permit Section Application for Operating Permit

This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed and signed form to the Illinois EPA, Division of Public Water Supplies, Permit Section at the address listed above.

Facility Name: Crest Hill Facility ID: IL1970250
Address 1: 1610 Plainfield Road Construction Permit No.: 0470-FY2024
Address 2: _____ Permit Type: Water Main
City: Crest Hill State: IL Zip Code: 60403 Date Permit Issued: Mar 20, 2024
County: Will
Project Title: Water Main Replacement Circle Street
Firm Name: V3 Companies of Illinois, Ltd.

Project Status: ☐ Final
☐ Partial

Partial A, B, C, etc.

Application Requirements (check when complete):

- ☐ Permit Number, Facility Number, and Facility Name identified on the Lab Report(s).
☐ Sample results attached to the Application.

(If a new well was constructed, provide a copy of the sample results as required by Section II, Part g of the C-I application).

- ☐ For water main projects subject to Section 17.12 of the Act (415 ILCS 5/17.12), attach a statement on lead service lines and a copy of the lead informational notice (if one was distributed). See the instructions page for additional information.

If you select Partial, you must also submit the following items:

- ☐ Cover letter describing which sections were completed.
☐ General project layout plans.
☐ For water main projects, identify the length the Partial: _____ LF

Date of Project Completion: _____ (Provide the date construction was completed on the project or partial)

Certified Operator in Responsible Charge:

Name: _____ Classification: _____ Number: _____
Telephone: _____ Email (optional): _____

Owner of the Completed Project:

Name: _____ Title: _____ Telephone: _____
Address: _____ City: _____ State: _____ Zip Code: _____

The Owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA. See instructions for further information. For Verbal Approvals, please call 217-782-1724.

Owner/Authorized Personnel Signature

Date

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

FOR IEPA USE ONLY

This operating permit 0470-FY2024 issued on _____ is valid until revoked.

This permit is valid only for the work completed under the Construction Permit of the same number.

David C. Cook, P.E.
Manager, Permit Section
Division of Public Water Supplies

Instructions for Operating Permit Application

The Operating Permit Application must be submitted for all Public Water Supply projects that required a construction permit. The Operating Permit *must* be obtained before the project is placed in service.

Fill out the top section using the corresponding Construction Permit for reference.

- **Facility Name** is the name of the village, city or entity distributing community water supplies.
- **Facility ID Number** can be found on the Construction Permit. This number is specific to your facility.
- **Address** is the same as the address on the Construction Permit.
- **Construction Permit Number** is the assigned permit number of the corresponding Construction Permit. The Operating Permit and the corresponding Construction Permit will have the same permit number.
- **Permit Type** identifies whether the project involved is a Water Main, a Plant Improvement or Both.
- **Date Permit Issued** is the date the Construction Permit was granted.
- **Date of Project Completion** is the date construction was completed for the section of project you are requesting the Operating Permit for. If you are requesting an Operating Permit for a Partial project, the Date of Project Completion is the date construction was completed on that partial section. The Date of Project Completion will never be a date in the future, and must be a date *after* the issue date of the Construction Permit.
- **Title of Project** is the same title of project listed on the corresponding Construction Permit. The Operating Permit and the Construction Permit will have the same Title of Project.
- **Firm Name** is the engineering entity that designed the project.

Project Status will either be Final or Partial.

- **Final:** If construction on the project is complete, you will select **Final**.
- **Partial:** If construction on the total project is only *partially* complete, but you want to operate the completed section, you will select **Partial**. If this is the first partial, you will identify it as "Partial A", if this is the second partial, you will identify it as "Partial B" and so forth. Once the last partial section has been completed, identify it as such and also select Final in the Project Status.

The **Certified Operator in Responsible Charge** and **Owner of the Completed Project** should fill out his/her respective section. Please print your name legibly and sign where appropriate. By signing the application, the owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA, including specifications for bacteriological samples, and that bacteriological samples (if required) were taken under the supervision of a representative from the Public Water Supply. The owner also certifies that the project will be operated in accordance with the provisions of the Illinois Environmental Protection Act and the Rules and Regulations adopted by the Illinois Pollution Control Board pursuant to provisions of the Act.

Requests for **Verbal Approval** and questions can be addressed at (217) 782-1724.

Disinfection and bacteriological analysis must be performed for the completed project in accordance with the requirements of AWWA C651, C652, C653 or C654. For projects requiring these procedures, the sample results must be attached to the application. The construction permit number should be clearly visible on the sample results. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria and the presence of a 0.5 mg/L minimum free chlorine residual or a 1.0 mg/L minimum combined chlorine residual. Samples must be collected every 1,200 feet of new water main along each branch and from the end of the line unless otherwise approved by the Illinois EPA.

All operating permit applications for water main construction permits that have additional conditions for lead service line inventory, replacement, and notification must include a statement indicating either that no full or partial lead service lines were identified or that they were replaced in accordance with Section 17.12 of the Act, 415 ILCS 5/17.12. A copy of the **Lead Informational Notice** satisfying the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj) must also be attached. The notice must contain the following statement translated in the Spanish, Polish, Chinese, Tagalog, Arabic, Korean, German, Urdu, and Gujarati languages: "This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice."

This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed form to the Illinois EPA, Bureau of Water, Permit Section at the following address:

**Illinois Environmental Protection Agency
Division of Public Water Supplies, Permit Section #13
1021 North Grand Avenue East, PO Box 19276
Springfield, IL 62794-9276**

CITY OF CREST HILL DIVISION 100

GENERAL REQUIREMENTS AND COVENANTS

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SECTION 1. DEFINITION OF TERMS

1-1 DESCRIPTION

When a standard specification number is used in the Specifications it shall be taken to mean the latest revision of that Standard Specification at the time of the Bid.

Whenever in the specifications and Contract the following terms, or pronouns in place of them, are used, the intent and meaning shall be interpreted as follows:

1-2 ABBREVIATIONS

The following organizations are referred to in this specification by abbreviations of the titles. Additional information noted but not detailed can be obtained from these organizations by writing to them.

ASTM	American Society for Testing and Materials 1916 Race Street Philadelphia, Pennsylvania 19103
ASSHTO	The American Association of State Highway and Transportation Officials 917 National Press Building Washington, D.C. 20004
AWWA	American Water Works Association 6666 West Quincy Avenue Denver, Colorado 80235
NSF	National Sanitation Test Laboratory Foundation Box 1478 Ann Arbor, Michigan
ANSI	American National Standards Institute 1430 Broadway New York, New York 10018
IDOT	Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764
FHWA	Federal Highway Administration DOT Building, 400 Seventh St., S.W. Washington, D.C. 20590
OSHA	Occupational Safety and Health Act
MWRDGC	The Metropolitan Water Reclamation District of Greater Chicago 100 East Erie Street Chicago, Illinois 60611

CONSULTANT	ENGINEERING CONSULTANT
ISO	Insurance Services Office

1-3 ADDENDA

Written or graphic instruments issued prior to the execution of the Agreement, which modify or interpret the Contract Documents, Drawings, and Specifications by additions, deletions, clarifications or corrections.

1-4 AWARD

The decision of the City to accept the proposal of the lowest responsive, responsible bidder for the work, subject to the execution of and approval of a satisfactory Contract therefore, and bond to secure the performance thereof, and to such other conditions as may be specified or otherwise required by law.

1-5 BASE COURSE

The layer or layers of specified or selected material of designed thickness placed on a sub-base or a subgrade to support the surface course.

1-6 BITUMINOUS PAVEMENT

A pavement structure which maintains intimate contact and distributes loads to the subgrade and depends upon aggregate interlock particle friction and cohesion for stability, and a pavement structure which includes a bituminous concrete surface course over a bituminous concrete base course or a portland cement concrete base course.

1-7 BIDDER

Any individual, firm, partnership or corporation submitting a proposal for the Work contemplated, acting directly or through a duly authorized representative.

1-8 CONTRACT

The written agreement between the City and the Contractor setting forth the obligations of the parties thereunder, including, but not limited to, the performance of the Work (the furnishing of labor and materials, and the basis of payment).

The Contract includes such of the following document parts as may be utilized. These document parts so utilized will be as fully part of the Contract as if therein set out verbatim, or, if not attached, as if attached thereto. The controlling order of priority for these documents on the project is as follows (e.g., A is controlling over B-N, etc.):

- A. Supplemental Agreements (Change Order)
- B. Addenda
- C. Special Conditions of Contract
- D. General Conditions of Contract

- E. Special Provisions to the Specifications
- F. Detailed Specifications
- G. Complete Project Plans or Drawings
- H. General Specifications
- I. Contract
- J. Contractor's Contract Bond
- K. Contractor's Proposal
- L. Notice to Proceed
- M. Notice of Award
- N. Notice to Bidders

1-9 CONTRACTOR

The Bidder awarded the Contract for the Work.

1-10 CONTRACT BOND

The approved form of security furnished by the Contractor and his surety as a guaranty that he will execute the Work in accordance with the terms of the Contract.

1-11 CORPORATION

With respect to the execution and performance of the Contract, a corporate body authorized or licensed to do business in the State of Illinois

1-12 CULVERT

A drainage structure extending across and beneath a traveled way and having a tubular or box-type cross-section open on both ends.

1-13 ENGINEER

CONSULTING ENGINEER, or an engineer of a municipality, including such assistants as are authorized to represent them, who represents the City during the construction phase activities of the Work.

1-14 FORCE MAIN

A pipe constructed or used to carry sewage under pressure.

1-15 ENGINEERING OBSERVER

The authorized representative of the City or of the Engineer assigned to observe the progress of the Work to determine only if the Work is proceeding in accordance with the technical plans and specifications.

1-16 LABORATORY

An established testing laboratory approved by the Engineer.

1-17 MANHOLE

A vertical enclosed structure providing access to a pipe line or other structure.

1-18 NOTICE TO BIDDERS

The official notice, included in the proposal form, inviting bids for the proposed improvement, including a brief description of the Work.

1-19 CITY

The governmental body, corporation, partnership or individual initiating the project, acting through its legally constituted officials, officers or employees. The Department as referenced in the State Specifications.

1-20 PAVEMENT STRUCTURE

The combination of sub-base, base course and surface course placed on a sub-grade to support the traffic load and distribute it to the roadbed.

1-21 PLANS

All official drawings or reproductions of drawings pertaining to the Work provided for in the contract.

1-22 PLUMBING

Plumbing shall be as defined in the latest adopted Illinois State Plumbing Code, copies of which are available from the Illinois Department of Public Health, Division of Engineering and Sanitation, 535 West Jefferson Street, Springfield, Illinois 62706.

1-23 PROPOSAL {BID}

The written offer of the Bidder to perform the proposed Work.

1-24 PROPOSAL GUARANTY

The security designated in the proposal to be furnished by the Bidder as a guaranty that said Bidder will enter into a Contract with the City for the acceptable performance of the Work and will furnish the required Contract Bond, if the Work is awarded to him.

1-25 RAILROAD

The Railroad or Railway Company whose property is involved in the Work.

1-26 RIGHT-OF-WAY AND EASEMENTS

The areas owned, or acquired by permanent easement; also, the areas acquired by temporary easement during the time the easement is in effect.

1-27 SEWER, COMBINED

Any sewer constructed or used for the purpose of carrying both storm water and waterborne wastes to a treatment facility.

1-28 SEWER, SANITARY

Any sewer constructed or used for the purpose of carrying waterborne wastes to a treatment facility.

1-29 SEWER, SERVICE

A branch sanitary sewer line constructed from the main sanitary sewer line to a point described in the Special Provisions or Plans or to a point established by the Engineer.

1-30 SEWER, STORM

A sewer constructed or used for carrying storm water or sub-surface water to a storm water outlet.

1-31 SPECIAL PROVISIONS

Specific directions, provisions, requirements and revisions of the Specifications peculiar to the Work under consideration which are not satisfactorily provided for in the Specifications. The Special Provisions set forth the final contractual intent as to the matter involved. The Special Provisions included in the Contract shall not operate to annul those portions of the Specifications with which they are not in conflict.

1-32 SPECIFICATIONS

The body of directions, provisions and requirements contained herein, or in any supplement to this document referred to in the Special Provisions, together with written agreements and all documents of any description made or to be made pertaining to the method or manner of performing the Work, the quantities or the quality of materials to be furnished under the contract.

1-33 STATE SPECIFICATIONS

IDOT, Standard Specifications for Road and Bridge Construction, latest edition at the time of Bid. This book outlines the general requirements and covenants to all improvements, as well as provisions referring to materials, equipment and construction requirements for individual items of work.

1-34 SUBCONTRACTOR

The individual, firm, partnership or corporation to whom the Contractor, with the written consent of the Engineer, sublets, assigns, or otherwise disposes of any part of the Work covered by the contract.

1-35 SUB-BASE

The layer or layers of specified or selected material of designed thickness placed on a sub-grade to support a base course.

1-36 SUB-GRADE

The top of surface of a roadbed upon which the pavement structure and shoulders are constructed.

1-37 SUPPLEMENTAL AGREEMENT

The written agreement executed by the City and the Contractor, with the assent of the Contractor's surety, covering modifications or alterations of the terms of the original Contract.

1-38 SUPPLIER

Any person or organization who supplies materials or equipment for the Work including that fabricated to a special design.

1-39 SURETY

The corporate body, individual or individuals which engage to be responsible for the Bidder's acts in the execution of the Contract in the event of its being awarded to him; or, which are bound with and for the Contractor to insure his acceptable performance of the Contract, his payment of all obligations pertaining to the Work, and his fulfillment of such other conditions as may be specified or otherwise required by law.

1-40 SURFACE COURSE

One or more layers of a pavement structure designed to accommodate the traffic load, the top layer of which resists skidding, traffic abrasion, and the disintegrating effects of climate. The top layer is sometimes called "wearing course".

1-41 WATER MAIN

A pipe constructed or used to carry potable water under pressure.

1-42 WATER SERVICE LINE

That line connected to the water main, which delivers potable water to the user's facilities.

1-43 THE WORK

The improvement advertised for bids, described in the Proposal form, indicated on the Plans and covered in the Specifications, Special Provisions, Contract, authorized alterations, extensions and deductions, and supplementary agreements, or any part or parts thereof.

SECTION 2. PROPOSAL REQUIREMENT AND CONDITIONS

2-1 CONTENTS OF THE PROPOSAL FORM

Bidders will be furnished with forms stating the location and description of the Work contemplated, the approximate quantities of Work to be performed, the amount of the Proposal Guarantee, requirements pertaining to labor, and the date, time and place of filing and opening Proposals. All documents bound with or attached to the proposal shall be considered a part thereof, and shall not be detached or altered.

2-2 INTERPRETATION OF ESTIMATE OF QUANTITIES

An estimate of quantities of Work to be done and materials to be furnished under the Specifications is given in the Proposal. It is given as a basis for comparison of Proposals and the award of the Contract. The City and Engineer do not expressly or by implication agree that the actual quantities involved will correspond therewith; nor shall the Bidder plead misunderstanding or deception because of such estimate of quantities pertaining to the Work.

Payment will be based on the actual quantities of Work performed in accordance with Contract, at the Contract unit prices specified. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities. The City reserves the right to omit any item or items, or to increase or decrease any or all items as provided in Section 4-3.

2-3 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK

The bidder shall, before submitting his bid, carefully examine the Proposal, Plans, Specifications, Special Provisions, and form of Contract and bond. He shall inspect in detail the site of the proposed Work and familiarize himself with all the local conditions affecting the Contract and the detailed requirements of construction. If his Bid is accepted, he will be responsible for all errors in his Proposal resulting from his failure or neglect to comply with these instructions. The City or Engineer will, in no case, be responsible for any change in anticipated profits resulting from such failure or neglect.

When the Plans or Special Provisions include information pertaining to sub-surface exploration, borings, test pits, and other preliminary investigations, such information is included only for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work, or that unanticipated developments may not occur.

When the Plans or Special Provisions include information pertaining to the location of underground utility facilities, such information is only included for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency or accuracy of the information, or lack of information, shown on the Plans relative to the location of underground utility.

facilities. It shall be the Contractor's responsibility to obtain from the respective utility companies detailed information of the location of their facilities and the work schedules of the utility companies for removing or adjusting them.

2-4 ENGINEER'S ESTIMATE

The Engineer's "Estimate of Cost" as prepared for the City for the work to be completed under this contract may or may not be available to the Bidders at the discretion of the City or the Engineer. If the "Estimate of Cost" is available, it shall be given to all prospective bidders upon request.

2-5 PREPARATION OF THE PROPOSAL

The Bidder shall submit his Proposal on the form furnished by the City. The Proposal shall be executed properly, and Bids shall be made for all items indicated in the proposal form, except that when alternate bids are asked, a Bid on more than one alternate for each item is not required, unless the Special Provisions provide otherwise. The Bidder shall indicate, in figures, a unit price or lump sum for each of the separate items called for in the Proposal; he shall show the products of respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the Proposal shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder, which shall be written with ink.

If the Proposal is made by an individual, his name and post office address shall be shown. If made by a firm, joint venture, or partnership, the name and post office address of each member of the firm, joint venture, or partnership shall be shown. If made by a corporation, the Proposal shall show the names, titles, and business addresses of the president, secretary, and treasurer, certified to by the secretary.

2-6 MULTIPLE BIDS

If multiple Bids are to be received, bidding shall be in accordance with the instructions in the Special Provisions

2-7 REJECTION OF PROPOSALS

Proposals that contain omissions, erasures, alterations, additions not called for, conditional or alternate bids unless called for, irregularities of any kind, or proposals otherwise regular which are not accompanied by the proper proposal guaranty shall be rejected as informal or insufficient. However, the City reserve the right to reject any or all Proposals and to waive such technical error as may be deemed best for the interest of the City.

2-8 PROPOSAL GUARANTY

Per Public Act 103-0570 a proposal guarantee is required for all projects over \$150,000.

If project is over \$150,000 then each proposal shall be accompanied by a bid bond, bank draft, bank cashier's check, or properly certified check for not less than ten per cent (10%) of the amount Bid unless otherwise specified in the Special Provisions.

If a multiple Bid is submitted, the bid bond, bank draft, bank cashier's check, or certified checks, which accompany the individual Proposals making up the combination, will be considered as also covering the multiple Bid.

See Paragraph 3-3 regarding return of Proposal Guaranty.

The bid bond, bank draft, cashier's checks, or certified checks accompanying Proposals shall be made payable to the City.

2-9 DELIVERY OF PROPOSALS

Proposals shall be delivered prior to the time and at the place indicated in the notice to bidders. Each Proposal shall be placed in an envelope sealed and plainly marked to indicate its contents. Only sealed Proposals will be accepted.

Proposals will not be opened unless received at the place of letting and prior to the time stated in the Notice to Bidders.

2-10 WITHDRAWAL OF PROPOSALS

Permission will be given a Bidder to withdraw a Proposal if he makes his request in writing before the time for opening Proposals. If a Proposal is withdrawn, the Bidder will not be permitted to submit another Proposal for the same Work at the same letting.

2-11 WITHDRAWAL OF PROPOSAL GUARANTY

See Paragraphs 3-2 and 3-3 on award of Contract and return of Proposal Guaranty.

2-12 PUBLIC OPENING OF PROPOSALS

Unless otherwise specified, Proposals will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

2-13 DISQUALIFICATION OF BIDDERS

Any one or more of the following causes may be considered as sufficient for the disqualification of a Bidder and rejection of his Proposal.

- A. More than one Proposal for the same Work from an individual, firm, partnership, or corporation under the same or different names.
- B. Evidence of collusion among bidders.
- C. Unbalanced Proposals in which the prices for some items are substantially out of proportion to the prices for other items.
- D. Failure to submit a unit price for each item of Work listed in the Proposal.
- E. If the Proposal form is other than that furnished by the City or if the form is altered or any part thereof is detached.

- F. If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the Proposal incomplete, indefinite or ambiguous as to its meaning.
- G. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- H. If the Proposal is not accompanied by the proper proposal guaranty.
- I. If the Proposal is prepared with other than ink or typewriter.
- J. Lack of competency as revealed by financial statement or experience questionnaire.
- K. Unsatisfactory performance record as shown by past work judged from the standpoint of workmanship and progress.
- L. Uncompleted work, which, in the judgment of the City, might hinder or prevent the prompt completion of additional work.
- M. False information provided on a Bidder's "Contractor's Statement."
- N. Failure to comply with any prequalification regulations of the City.
- O. Default under previous contracts.

2-14 COMPETENCY OF BIDDERS

The Bidder, if a corporation, shall show the name of the State in which the corporation is chartered. Each Bidder shall furnish the City within two (2) weeks after request, with satisfactory evidence of his competency to perform the Work contemplated. When requested, he shall submit to the City a financial statement prepared by a Certified Public Accountant showing his financial condition at the end of his past fiscal year. The accountant who prepares the statement shall certify that he holds a valid and unrevoked certificate as a Certified Public Accountant, issued in accordance with the laws of the State in which he is licensed. The Bidder, if requested, shall also answer and submit questionnaires relating to his experience and available equipment for performing construction work similar to that for which he is offering a proposal, and shall do so within the same two weeks from the time of request.

Before an award is made, the Bidder may, at the option of the City be required to furnish a statement showing the value of all uncompleted work for which he has entered into contracts.

2-15 MATERIAL SUBSTITUTIONS

If restrictions of any governmental authority prohibit the use of certain items that are required by the Plans and Specifications, substitution for such items will be determined by the City.

Each Bidder shall base his bid on the furnishing of all items exactly as shown on the Plans and as described in the Specifications. The successful Bidder will not be authorized to make any substitutions

on his own volition, but in each and every case must obtain a properly authorized change order from the City on his Contract before installing any work in variance with the Contract requirements.

2-16 CONTRACTOR'S UNDERSTANDING

It is understood and agreed that the Contractor has, by careful examination, satisfied himself as to the nature and location of the work, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the character of equipment and facilities needed preliminary to and during the prosecution of the Work, the general and local conditions, and all other matters which can in any way affect the Work under this Contract. No verbal agreement or conversation with any officer, agent, or employee of the City and Engineer, either before or after the execution of this Contract, shall affect or modify any of the terms or obligations herein contained.

2-17 STATUS OF RIGHT-OF-WAY, EASEMENT AND CONSTRUCTION EASEMENT ACQUISITION

Each bidder is instructed to fully acquaint himself with the status of the right-of-way, easement and construction easement acquisition at the time of submission of his proposal and the possibility of the acquisition of the parcels remaining to be acquired, if any, in time so as not to interfere with the progress of his work under this contract, and the City shall not be liable to any damage that may occur to him for any and all delay through delay of the City in securing the necessary right-of-way, easement and construction easement.

The City agrees that it will make every effort to acquire any right-of-way, easement and construction easement with all speed and diligence possible.

SECTION 3. AWARD AND EXECUTION OF CONTRACT

3-1 CONSIDERATION OF PROPOSALS

The proposals received will be compared on the basis of the summation of the products of the items of Work listed and the unit prices offered. In case of discrepancy between the gross sum shown in the Proposal prices, the unit prices shall govern, and any errors found in said products shall be corrected. In awarding Contracts, the City will, in addition to considering the amounts stated in the Proposals, take into consideration the responsibility of the various Bidders as determined from a study of the data required under the previous article and from other investigations, which the City may elect to make.

3-2 AWARD OF CONTRACT

Except in cases where the City exercises the right reserved to reject any or all Proposals, the Contract will be awarded by the City, as soon as practicable after the opening of Proposals.

Unless otherwise specified, if a Contract is not awarded within forty- five (45) days after the opening of Proposals, a Bidder may file a written request with the City for the withdrawal of his bid or award date may be extended by mutual consent of the City and Bidder. The City will have a maximum of ten (10) days after the receipt of such request to award the Contract or release the Bidder from further obligation by return of the Bidder's Proposal Guaranty.

3-3 RETURN OF PROPOSAL GUARANTY

The Proposal Guaranties of all except the two lowest Bidders will be returned promptly after the Proposals have been checked. Proposal Guaranties of the two lowest Bidders will be returned as soon as the Contract and Bond of the successful bidder have been properly executed and approved.

If Contracts cannot be awarded promptly, the City shall permit the two (2) lowest Bidders to substitute for the bank cashier's checks, or certified checks which they may have submitted with their Proposals as Proposal Guaranties, a bid bond executed by a corporate surety company satisfactory to the City, but such substitutions shall not be made until a period of three (3) days has elapsed after the date of opening Proposals.

3-4 REQUIREMENT OF CONTRACT BOND

The successful Bidder, at the time of the execution of the Contract, shall deposit with the City a surety bond for the full amount of the Contract. The form of bond shall be that furnished by the City, and the surety shall be acceptable to the City.

3-5 EXECUTION OF THE CONTRACT

The contract shall be executed by the successful Bidder. The bond, when required, shall be executed by the principal and the sureties, and executed Contract and Contract Bond shall be presented to the City within fifteen (15) days after the date of notice of the award of the Contract.

Each Contract must be executed in three (3) original counterparts, and there shall be executed original counterparts of the Contract Bond in equal number to the executed original counterparts of the Contract. One (1) copy each of such executed documents will be retained by the City and the Engineer, the third will be delivered to the Contractor.

3-6 FAILURE TO EXECUTE CONTRACT

Failure on the part of the successful Bidder to execute a Contract and an acceptable Contract Bond and acceptable insurance certificates as provided herein, within fifteen (15) days from the date of receipt of Contract documents from the City will be considered as just cause for the annulment of the award and the forfeiture of the proposal guaranty to the City, not as a penalty but in payment of liquidated damages sustained as a result of such failure.

SECTION 4. SCOPE OF WORK

4-1 INTENT OF THE PLANS AND SPECIFICATIONS

The intent of the contract is to prescribe a complete outline of work which the Contractor undertakes to do in full compliance with the contract, plans and specifications. The Contractor shall furnish all required materials, equipment, tools, labor, and incidentals, unless otherwise provided in the contract, and shall include the cost of these items in the unit prices bid for the several units of work. Contractor shall be solely responsible for all safety procedures and safety violations. The quantities appearing in the bid schedule of prices are estimates prepared for the establishment of pay item prices and the comparison of bids. Payment to the Contractor will be made for the actual measured quantities performed and accepted or material furnished and accepted according to the contract, and the scheduled quantities may be increased, decreased, or omitted as herein provided.

Under no circumstances shall the Contractor exceed any established pay item quantity without notification to the Engineer and receipt of written authorization as provided herein.

The latest edition of the State Specifications and Standard Specifications for Water and Sewer Construction in Illinois shall be the basis and govern this contract unless otherwise provided by special provision or exception.

4-2 SPECIAL WORK

Should any construction or requirement not covered by the Specifications be anticipated on any proposed Work, Special Provisions for the same will be prepared and included in the Proposal form, which Special Provisions shall be considered as a part of the Specifications the same as though contained fully herein.

4-3 CHANGES

The City reserves the right to make, in writing, at any time during work, changes in quantities, alterations in work, and the performance of extra work to satisfactorily complete the project. Such changes in quantities, alterations, and extra work shall not invalidate the contract nor release the surety, and the Contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the Contractor in such amount as the City may determine to be fair and equitable.

If alterations or changes in quantities do not significantly change the character of the work to be performed under contract, the altered work will be paid for as provided elsewhere in the contract.

The term "significant change" shall be construed to apply only when the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or when a major item, defined as an item whose total original contract costs exceeds ten percent of the total original contract amount, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity.

All alterations, cancellations, extensions, and deductions shall be authorized in writing by the City before work is started. Such authorizations shall set up the items of work involved and the method of payment for each item.

The Contractor shall accept payment for alterations which result in an increase or decrease in the quantities of work to be performed according to the following:

- A. All increases in work of the type which appear in the contract as pay items accompanied by unit prices will, except as provided under paragraph (C) herein, be paid for at the contract unit prices. Decreases in quantities included in the contract will be deducted from the contract at the unit bid prices. No allowance will be made for delays or anticipated profits.
- B. Major items of work for which the quantities are increased by not more than 125 percent or reduced to not less than 75 percent of the original contract quantities will be paid for as specified in paragraph (a) above. Any adjustments for increased quantities for major items of work increased more than 125 percent shall only apply to that portion in excess of 125 percent of original contract quantities. Any adjustments made for major items of work which are decreased to less than 75 percent of the original contract quantities shall apply to the actual amount of work performed.
- C. Extra work which is not included in the contract as pay items at unit prices and is not included in other items of the contract will be paid for according to Section 9-4.

4-4 PERIODIC AND FINAL CLEANUP

From time to time or as may be ordered by the City and immediately after completion of the Work, the Contractor shall at his own expense clean up and remove all refuse and unused materials of any kind resulting from the Work. Upon failure to do so within five (5) working days after receipt of written request from the City, the Work may be done by the City and the cost thereof be charged to the Contractor and be deducted from his Contract price. Upon completion of the Work, the Contractor shall remove all his equipment and put the area of the Work in a neat and clean condition and do all other cleaning required to complete the Work in a workmanlike manner, ready for use and satisfactory to the City.

All Cleanup shall be performed as specified in the various sections of these Specifications or in the Special Provisions.

4-5 LUMP SUM CONTRACTS

On lump sum Contract, when specified in Special Provisions, or Contracts containing lump sum items, the lump sum contract price shall include the furnishing and installation of all Work described in the Specifications and/or shown on the Plans.

4-6 LOCAL ORDINANCES AND REGULATIONS

The Contractor shall keep himself fully informed of all existing laws, ordinances, and regulations of the municipality affecting the work and/or material of this Contract. If any inconsistency is discovered between the Plans, Specifications and those covered by local municipal laws, ordinances, or regulations, it shall be reported to the City and Engineer.

4-7 PREFERENCE TO VETERANS

Attention is called to assure compliance with Illinois Revised State Chapter 126 Section 23. Preference to veterans upon public works: "In the employment and appointment to fill positions in the construction, addition to, or alteration of all public works undertaken or contracted for by the state, or by any political subdivision thereof, preference shall be given to persons who were engaged in the military or naval service of the United States in time of war".

SECTION 5. CONTROL OF THE WORK

5-1 PLANS AND WORKING DRAWINGS

The Contractor shall submit to the Engineer such shop, working, or layout drawings pertaining to the construction of the Work, as may be required. These drawings shall be reviewed by Engineer for general conformance with the design concept only. This review by the Engineer does not relieve the Contractor and/or fabricator/vendor of responsibility for conformance with the Contract documents (see 1-8) and applicable codes, all of which have priority over these shop, working and layout drawings. Corrections or comments made on the shop drawings by the Engineer during this review process do not relieve the Contractor from compliance with the requirements of the Contract documents (1-8) and applicable codes.

When the Contract includes Work adjacent to a railroad and false work, cofferdams, or sheeting is required, the Contractor shall submit to the Engineer for his approval and the Railroad Engineer's approval, plans for the false work, cofferdams, or sheeting by a Registered Structural Engineer. It shall be the responsibility of the Contractor to contact the railroad to determine how to meet their requirements. The cost of meeting those requirements shall be borne by the Contractor. The plans shall be submitted sufficiently in advance of the time the Contractor intends to start work to permit checking. No such work shall be started prior to receipt by the Contractor of approval of the Plans for the false work, cofferdams, or sheeting.

The cost of furnishing such Drawings shall be incidental to the contract and no additional compensation will be allowed the Contractor for any delays resulting therefrom.

5-2 CONFORMITY WITH PLANS AND SPECIFICATIONS

It is the intent of the Specifications that all Work performed, and all materials furnished shall be in conformity with the lines, grades, cross section, dimensions and material requirements shown on the Plans or indicated in the Specifications.

In the event the Engineer finds the materials or the finished product in which the materials are used or the Work performed are not in conformity with the Engineering Plans and technical Specifications including tolerances and have resulted in an inferior or unsatisfactory product, the Work or material shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

5-3 COORDINATION OF COMPONENT PARTS OF THE CONTRACT

The Specifications, the accompanying Plans, the Proposal, the Special Provisions, and all other contract documents are intended to describe a complete Work and are essential parts of the Contract. A requirement occurring in any of them is binding. In case of discrepancy, figured dimensions shall govern over scaled dimensions, Plans shall govern over Specifications, Special Provisions shall govern over both Specifications and Plans, and quantities shown on the plans shall govern over those shown in the Proposal. Neither the City, Engineer, nor the Contractor shall take advantage of any apparent error or omission in the Plans or Specifications, and the City shall be permitted to make such minor changes or alterations as may be deemed necessary for the fulfillment of the intent of the Plans and Specifications. Any corrections or alterations so made shall be subject to the provisions of Section 4-3.

5-4 COOPERATION BY CONTRACTOR

The Contractor will be furnished necessary copies of the Plans and Special Provisions, and he shall have one copy of each available on the work at all times during its prosecution. He shall give the work his constant attention to facilitate the progress thereof, and shall cooperate with the City and Engineer in every way possible. He shall have on the Work site at all times a competent, English-speaking representative authorized to receive orders and act for him and shall not replace him without prior written notification to the City.

5-5 UTILITIES

Not all of the gas, power, telephone or cable television lines, whether above or below ground, have been shown on the drawings. The location of existing underground utilities, such as water mains, sewers gas mains, etc., as shown on the drawings, have been determined from the best available information and are given for the convenience of the Contractor. The Contractor must assume responsibility for location and protection of all utilities, whether shown or not, and must realize that the actual locations of the utilities shown on the drawings may be different from the location indicated.

It is the responsibility of the Contractor to phone the Joint Utility Locating Information for Excavators (J.U.L.I.E.) at least 48 hours before excavation starts (except Saturday, Sunday and Holidays) phone toll free 1-800-892-0123. The Contractor shall also be responsible for having the "Dig Number" assigned as a result of the phone request available at the construction site and at his office.

It is understood and agreed that the Contractor has considered in his Proposal all of the permanent and temporary utility appurtenances shown or otherwise indicated on the Plans in their present positions and that no additional compensation will be allowed for any delays, inconvenience, or damage sustained by him due to any interference from the said utility appurtenances of the operation of moving them either by the utilities company or by the Contractor; or on account of any special construction methods required in prosecuting his work due to the existence of said appurtenances.

5-6 COOPERATION BETWEEN CONTRACTORS

If separate contracts are let for Work comprising an entire improvement, each Contractor shall conduct his Work so as not to interfere with or hinder the progress or completion of the Work being performed by other Contractors.

The Contractor shall as far as possible arrange his Work, and place and dispose of the materials being used so as not to interfere with the operations of the other contractors within the limits of the same improvement. He shall join his work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others. In case of dispute, the latest approved progress schedule shall govern.

5-7 CONSTRUCTION STAKES

Construction stakes and/or paint will be furnished and set by the Engineer to mark the general location, alignment, elevation and grade of the Work. The Contractor shall exercise proper care in the preservation of stakes set for his use or the use of the Engineer. The Contractor shall pay for the cost of replacing stakes damaged by his operation or those stolen by others.

5-8 AUTHORITY AND DUTIES OF OBSERVERS

Observers employed by the City or by the Engineer shall be authorized to observe the progress of the Work to determine if the Work is proceeding in accordance with the technical Plans and Specifications, and to perform such other duties as may be designated by the Engineer. However, the Engineer shall not be responsible for the construction means, methods, techniques, sequences or safety procedures and precautions in connection with the work by the contractors.

5-9 ENGINEER'S FIELD OFFICE AND/OR LABORATORY

When required by the Special Provisions, the Contractor shall furnish a field office and laboratory. The field office and/or laboratory shall be a weatherproof building for the exclusive use of the Engineer. It shall be independent of any building used by the Contractor. All keys to the building shall be turned over to the Engineer. The Engineer shall designate the location of the building and it shall remain on the site until released by the Engineer.

The building shall conform to the following requirements:

Floor space, not less than	120 square feet
Height of ceiling, not less than	8 feet
Windows, not less than	3
Door, with lock approved by the Engineer	1
Instrument locker, 2 feet x 3 feet x 4 feet, with adjustable shelves	
Hinged wall table	3 feet x 6 feet

The Contractor shall provide lights, heat, and when electric power is available, summer air conditioning for the building. The conditions shall be acceptable to the Engineer.

When shown on the plans or specified in the Special Provisions, the Contractor shall furnish two (2) buildings conforming to the above requirements, one to be used as a field laboratory, and each to be located where designated by the Engineer.

With the approval of the Engineer, a mobile building or buildings of approximately the same dimensions and having similar facilities may be substituted for the above described building or buildings.

The cost of furnishing the building or buildings, light, heat, and air conditioning shall be paid for at the contract lump sum price for "FIELD OFFICE AND/OR LABORATORY". The office and/or laboratory shall remain the property of the Contractor when the Work is completed.

5-10 CONSTRUCTION OBSERVATION

All materials and each part or detail of the Work may be subject at all times to observation by the Engineer and the City, or their authorized representatives, and the Contractor will be held strictly to the true intent of the Contract documents in regard to quality of materials, workmanship and the

diligent execution of the Contract. Observations may be made at the site or at the source of material supply whether mill, plant or shop. The Engineer, or his representatives, shall be allowed access to all parts of the Work and shall be furnished with such information and assistance by the Contractor as is required to make his observations and construction review. The duty of the Engineer to conduct observations and construction review of the Contractor's performance shall not include review of the adequacy of the Contractor's safety measures in, on, or near the construction site.

Engineer shall not at any time supervise, direct, or have control over any contractors' work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any Contractor to comply with laws and regulations applicable to contractors' work. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. Engineer shall have no authority to stop the work of any contractor on the Project. The Engineer's efforts will be directed toward providing assurance for the City that the completed project will conform to the Plans and Specifications as prepared by the Engineer, to safeguard the City against variances and deviations from the Plans and Specifications, and to assist in a correct interpretation of the Plans and Specifications.

The Engineer shall not have control of the construction and does not have a right, duty or responsibility to stop work for any reason including any contractor's failure to follow proper safety precautions or any acts or omissions. The Engineer shall not be responsible for the acts, errors or omissions of any contractor or any of their agents or employees or any other person performing any of the Work under the Contract.

The Contractor shall, upon written notice from the City, remove or uncover such portions of the finished Work as he may direct, before the final acceptance of the same. After examination, the Contractor shall restore said portion of the Work to the standard required by the Contract documents. If the Work thus exposed or examined proves acceptable, the expenses of uncovering or removing and the replacing of the parts removed shall be paid for as Extra work, unless otherwise provided in the Contract documents, but if the Work so exposed or examined is unacceptable, the expense of uncovering or removing and the replacing of the same in accordance with the Contract documents shall be borne by the Contractor.

The Contractor shall supervise and direct the Work. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction.

Any reference to "supervision" by the Engineer in the Illinois Department of Transportation, Standard Specifications for Road and Bridge Construction or any other referenced documents shall be changed to "observation."

When the State and/or Federal Government is to pay a portion of the cost of the Work covered by the Contract, the Work shall be subject to the observation of the representatives of those Governments, but such observation shall in no sense make those Governments a part of the Contract.

5-11 REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK

Work done without lines and grades being given, or beyond the lines shown on the Plans or as given, except as herein provided, or any extra work done without authority will be considered as unauthorized and at the expense of the Contractor, and will not be measured or paid for. Work so done may be ordered by the City to be removed or replaced at the Contractor's expense.

All work, which has been rejected, shall be remedied or removed and replaced so as to comply with the Plans and Specifications by the Contractor at his own expense. Upon failure on the part of the Contractor to comply promptly with any order of the City made under the provisions of this article, the City shall, after giving written notice to the Contractor, have the authority to cause defective work to be remedied, or removed and replaced, or to cause unauthorized work to be removed, and to deduct the cost thereof from the contract price due or become due to the Contractor.

5-12 FINAL ACCEPTANCE

The Engineer shall make final acceptance of all Work included in the Contract, as soon as practicable after notification by the Contractor that the Work is completed. If the Work is not acceptable to the Engineer, he shall inform the Contractor in writing as to the particular defects to be remedied before final acceptance can be made.

The Contractor shall be relieved of normal maintenance responsibilities for any sections of the work, which are completed and accepted by the City prior to project completion. For the remainder of the Work, the guarantee period shall be as stated in Section 7-16.

When the Contract includes work for which the County, State and/or Federal Government is to pay a portion of the cost thereof, such work shall also be subject to the inspection and approval of the representatives of those governments.

5-13 PUBLIC CONSTRUCTION BID ACT, 30 ILCS 557—1-Deleted.

SECTION 6. CONTROL OF MATERIAL

6-1 QUALITY OF MATERIALS

It is the intent of the Specifications that first-class materials shall be used throughout the Work, and that they shall be incorporated as to produce completed construction, which is workmanlike and acceptable in every detail. The cost of collecting and furnishing of samples of all test material shall be borne by the Contractor. The cost of all testing shall be borne by the City. Only materials, which conform to the requirements of these Specifications, shall be incorporated in the Work.

6-2 DEFECTIVE MATERIALS

All materials not conforming to the requirements of the Specifications shall be considered as defective and shall be removed from the Work; if in place, they shall be removed by the Contractor at his expense and replaced with acceptable materials. No defective materials, the defects of which have been subsequently corrected, shall be used until approval has been given. Upon failure of the Contractor to comply forthwith with any written order of the City pursuant to the provisions of this article, the City shall have authority to remove and replace defective materials and to deduct the cost of removal and replacement from any monies due to become due the Contractor.

6-3 TESTING MATERIALS

All materials should be tested and approved by the Engineer before incorporation in the Work. The Contractor shall give sufficient advance notice of placing orders to permit tests to be completed before the materials are incorporated in the Work and the Contractor shall afford such facilities as the Engineer may require for collecting and forwarding samples and making observations.

6-4 SAND, GRAVEL AND CRUSHED STONE

The source of sand, gravel and crushed stone construction shall be approved by the Engineer prior to usage. The approval shall be based upon testing of samples furnished by the Contractor and tested by the Engineer for conformance with Specifications. Approval shall be contingent upon the Contractor using materials on the job, which conform with the samples satisfactorily tested.

6-5 CONCRETE

Samples of concrete used in construction shall be taken by the Contractor and made into test cylinders in conformance with ASTM C31. The City shall provide the services of an independent testing laboratory to collect and test the cylinders in conformance with ASTM C39, and furnish a copy of test results to the Engineer. Any concrete, which tests indicate failed to conform to the Specifications, shall be removed and replaced at Contractor's expense. At the option of the City, the concrete may be accepted and agreed upon adjustment in payment.

6-6 MISCELLANEOUS MATERIALS

Fittings, valves, castings, hydrants, house service pipes, masonry blocks, bricks, manhole sections or other miscellaneous manufactured materials used in water and sewer construction shall be furnished

with the implied guarantee that such materials conform with the requirements of the Specifications. The Engineer reserves the right to require a certified statement from the manufacturer of such materials that the specific materials have been inspected and tested and conform with the Specifications.

6-7 JOB SITE OBSERVATION

Regardless of any tests of materials made at the source, the Contractor shall carefully inspect all materials before installation and reject any materials, which have been damaged or have visible flaws. The Engineer also reserves the right to make such observation, but failure to detect irregularities does not relieve the Contractor of responsibility to remove and replace materials, which are found to be defective after installation.

6-8 STORED MATERIALS

If it is necessary to store materials, they shall be protected in such a manner as to insure the preservation of their quality and fitness for the Work. All stored materials shall be inspected at the time of use in the Work, even though they may have been inspected and approved before being placed in storage. The Contractor may use the right-of-way for storage of materials. If stockpiling is done outside the right-of-way, the additional space required shall be provided by the Contractor at his expense.

6-9 "OR EQUAL" CLAUSE

Whenever, in any of the Contract Documents, an article, material or equipment is defined by describing a proprietary product, or by using the name of a manufacturer, or vendor, the term "or equal", if not inserted shall be implied except where the Proposal provides for alternate bids. The specific article, materials, or equipment mentioned shall be understood as indication of the type function, minimum standard or design, efficiency and quality desired and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design and efficiency. The Contractor shall comply with the requirements of the Contract Documents and City's approval of materials and equipment before they are incorporated in the project.

SECTION 7. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

7-1 LAWS TO BE OBSERVED

The Contractor shall at all times observe and comply with all Federal laws, State laws, County laws, local laws, ordinances, and regulations which in any manner affect the conduct of the Work, and all such orders or decrees as exist at the time Bids are advertised, of legislative bodies or tribunals having legal jurisdiction or authority over the work and no plea of misunderstanding or ignorance thereof will be considered. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these laws, ordinances and regulations.

The Contractor shall indemnify and save harmless the City, the Engineer, and all of their officers, agents, employees and servants against any claim or liability, including legal fees, arising from or based on the violation of such law, ordinance, regulation, order or decree, whether by themselves or their employees.

7-1.01 INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless City and Consultants and their respective officers, agents and employees, from and against all claims, damages, losses, costs, expenses, judgments and liabilities, including but not limited to attorney's fees, costs and expenses, arising out of or in connection with Contractor's performance of or failure to perform this Agreement, provided that any such claim, damage, loss, costs, expenses, judgments or liabilities are attributable to bodily injury, sickness, disease or death, or to injury or destruction of tangible personal property, including the loss of use resulting therefrom, that is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by any party indemnified hereunder.

Contractor shall defend, indemnify and hold harmless City, Consultants, and their respective officers, agents and employees from and against all claims, damages, losses, costs and expenses arising out of, relating to, or incurred in connection with the use by Contractor, its officers, agents, subcontractors and employees of any equipment, materials, tools, construction equipment, machinery, and/or motor vehicles owned or leased by City. The indemnification provided by this Section shall apply regardless of whether City consents to the use of equipment by Contractor.

In the event such indemnity as described above is prohibited by law, then said indemnity shall only be to the extent caused by the negligent acts or omissions of the Contractor, subcontractors, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, or to the extent allowed by applicable law.

The indemnification obligation under this paragraph shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the benefit of Contractor or any indemnities under any Worker's Compensation Act, Occupational Disease Act, Disability Benefits Act, or any other employee benefits act. The Contractor further agrees to waive any and all liability limitations based upon the Worker's Compensation Act court interpretations or otherwise.

Contractor agrees that a similar waiver of liability limitation will be incorporated in its agreements with subcontractors or anyone directly or indirectly employed by them. Contractor agrees that in the event it

fails to incorporate such a waiver of liability limitation in its agreements with said subcontractors and others, then it will be responsible for any additional liability arising out of said failure. The defense and indemnification obligations set forth in this provision shall survive the termination or expiration of this Agreement.

Contractor further agrees that all future contracts in furtherance of this contract between Contractor and any of its subcontractors will designate City and CONSULTANTS as intended third party beneficiaries of that contract. Contractor hereby agrees to specifically label City and CONSULTANTS as an "intended third party beneficiaries" in all contracts entered in furtherance of this contract.

7-2 INSURANCE REQUIREMENTS

7-2.01 GENERAL

The Contractor and any Subcontractors shall obtain and thereafter keep in force for the term of the contract the insurance coverage specified in 7-2.02 MINIMUM INSURANCE REQUIREMENTS.

The Contractor shall not commence work under the Contract until all the insurance required by this section or any Special Provisions has been obtained. The insurance companies must be authorized to do business in the State of Illinois.

The insurance companies providing coverage shall be rated in the Best's Key Rating Guide with a rating not lower than A- and shall have a financial size category of not less than VII.

The Contractor shall be solely responsible for enforcing compliance with these insurance requirements by all Subcontractors of any tier.

A. PRIMARY INSURANCE

All insurance required of the Contractor shall be specifically endorsed so that it is Primary Insurance as to all additional insureds with respect to all claims arising out of operations by or on their behalf. If additional insureds have other applicable insurance coverage, those coverages shall be deemed to be on an excess or contingent basis.

B. NO WAIVER OF INSURANCE REQUIREMENT BY CITY

Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:

1. Allowing work by Contractor or any Subcontractor of any tier to start before receipt of certificates of insurance, endorsements, and other required insurance documents; or
2. Failure to examine, or to demand correction of any deficiency of, any certificate of insurance received.

The Contractor agrees that the obligation to provide insurance is solely the Contractor's responsibility and cannot be waived by any act or omission of the City.

C. *INSURANCE DOES NOT LIMIT LIABILITY*

The purchase of insurance by the Contractor under this Contract shall not be deemed to limit the liability of the Contractor in any way for damages suffered by City (e.g., in excess of policy limits, because of deductibles, or not covered by the policies purchased).

D. *NOTIFICATION OF PERSONAL INJURY/PROPERTY DAMAGE*

The Contractor shall notify the City, in writing, of any possible or potential claim for personal injury or property damage arising out of the work of this Contract promptly whenever the occurrence giving rise to such a potential claim becomes known to the Contractor.

7-2.02 *MINIMUM INSURANCE REQUIREMENTS*

The insurance coverage required of the Contractor and any Subcontractors shall be written for not less than the following, or greater if required by law:

A. *Workers' Compensation and Occupational Disease Insurance* in accordance with applicable state and federal laws, and Employer's Liability Insurance with a bodily injury per accident limit of liability of at least \$ 500,000, bodily injury by disease limit each employee of \$500,000 and bodily injury by disease policy limit of \$500,000 or such greater sum as may be reasonably required by City.

B. *Commercial General Liability Insurance* provided by ISO form CG 0001 with a combined Bodily Injury and Property Damage limit of at least \$1,000,000 per occurrence, \$2,000,000 products and completed operations aggregate and \$2,000,000 general aggregate, or such greater sum as may be reasonably required by City.

1. Completed Operations and Products liability insurance shall be maintained for a period of 2-years after completion and acceptance of the Project by City, or such longer period as may be reasonably required by the City.
2. The above policy shall include an endorsement identifying City, and any other parties as may be reasonably required by City or CONSULTANTS as Additional Insured. ISO endorsements CG 2010 and CG 2037 any edition, or equivalent forms, must be used to provide this coverage. Copies of the endorsements must be included with the certificate of insurance as required in paragraph L.
3. Claims-Made coverage triggers are not acceptable to City.
4. ISO form CG2503, Designated Construction Project(s) General Aggregate Limit or an equivalent form must be endorsed to the policy and identified on the certificate of insurance. City's and Contractors Protective Liability policy can be

utilized in lieu of aggregate limits per project, (see 7-2.02O for OCP requirements)

5. The policy shall not contain a sunset provision, commutation clause or any other provision which would prohibit the reporting of a claim and the subsequent defense and indemnity that would normally be provided by the policy.
6. The policy shall not contain any provision, definition or endorsement which would serve to eliminate third party action over claims.
7. Residential Work exclusions or limitations, in any form, are not acceptable to Contractor.

C. **Comprehensive Automobile Liability Insurance** covering use of all owned, non-owned and hired vehicles with Bodily Injury and Property Damage limit of at least \$1,000,000 Combined Single Limit, or such greater sum as may be reasonably required by the City. This policy shall include coverage for City, CONSULTANTS, and any other parties as may be reasonably required by City, for liability arising out of the actions of Contractor, whether by endorsement or otherwise.

D. **Excess or Umbrella Liability Insurance** limits of no less than \$5,000,000 per occurrence for Employer's Liability, Commercial General Liability and Comprehensive Automobile Liability, in excess of the minimum policy limits stated below:

Employer's Liability \$500,000 / \$500,000 / \$500,000

Commercial General Liability \$1,000,000 per occurrence

Commercial General Liability \$2,000,000 general aggregate

Commercial General Liability \$2,000,000 completed operations aggregate

Comprehensive Auto Liability \$1,000,000 combined single limit

Excess/Umbrella coverage shall be provided as no less than Follow Form and shall name City, Consultants, and any other parties as may be reasonably required by City, as Additional Insured on a Primary and Non-Contributory basis.

E. **Pollution Liability** in the amount of \$1,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's use of, transportation, removal and/or disposal of hazardous materials and/or pollutants. Additionally, this requirement must apply to any disposal site

receiving hazardous materials and/or pollutants. Pollution means the actual or alleged discharge, dispersal, release, seepage, migration, growth, or escape of smoke, soot, fumes, acids, alkalis, toxic chemicals, mold, mildew, spores, fungi, microbes, bacterial matter, legionella pneumophila, asbestos, lead, silica, liquids or gases, waste materials, contaminants, or other irritants, into or upon land, the atmosphere, any structure on land, the atmosphere contained within that structure, or any watercourse or body of water, including groundwater. Radioactive matter shall also be considered a pollutant, except as otherwise covered or protected by insurance or protections provided pursuant to 42 U.S.C. § 2014(w), as amended, or Section 170 of the Atomic Energy Act of 1954, as amended.

- F. Professional Liability** in the amount of \$2,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's duties that involve professional architectural, engineering, design or consultation work. Any applicable deductibles and/or retention's must be noted on the Certificate of Insurance. Policy exclusions are not allowed for pollution, including mold, fungi or bacteria including the vapor produced or arising therefrom. Please see the project *Special Provisions* for the project specific needs of this policy.
- G. Property and Equipment** Contractor shall purchase and maintain at its own discretion and expense, Builder's Risk/Installation Floater Insurance in an amount equal to the insurable value of the Contractor's property, whether off site or in transit, to cover any equipment, tools or tangible personal property. Contractor assumes all liability and risks, and agrees to waive all claims against City and CONSULTANTS for damage to or loss of equipment, machinery, tools, supplies and other tangible personal property owned or supplied by Contractor and utilized or intended to be utilized during the course of Contractor's Work. Any insurance carried by Contractor covering such damage or loss shall be endorsed with a waiver of subrogation in favor of City and CONSULTANTS. Any and all subcontractors agree to assume the same liabilities and risks as Contractor.
- H. Each of Contractor's** General Liability, Auto Liability, Pollution Liability, Professional Liability and Excess/Umbrella Liability policies must be endorsed as Primary and Non-Contributory as to any insurance maintained by the Additional Insured(s) and shown on the certificate of insurance.
- I. An endorsement** in favor of the Additional insured(s) waiving the Contractor's and its insurer's rights of subrogation shall be issued with respect to the Commercial General Liability, Comprehensive Auto Liability, Pollution Liability, Professional Liability and Workers' Compensation and Employers Liability policies. Evidence of this endorsement must be noted on the certificate of insurance.

- J.** **Self-funded** or other non-risk transfer insurance mechanisms or deductibles/self-insured retentions greater than \$25,000 per occurrence are not acceptable to City on any insurance coverage required in this agreement. If the Contractor has such a program, full disclosure must be made to City and CONSULTANTS prior to any consideration being given.
- K.** **Any subcontractor** employed by Contractor shall have equivalent coverage.
- I.** **A Certificate of Insurance**, including copies of the Additional Insured endorsements, shall be sent to City or CONSULTANTS prior to the commencement of any Work (please see the sample attached at the end of Section 7). All Certificates of Insurance and Endorsements verifying the existence of the above required insurance shall be in form and content satisfactory and acceptable to City and CONSULTANTS and shall be submitted to City or CONSULTANTS in a timely manner so as to confirm Contractor's full compliance with these insurance requirements stated herein, throughout the entire term of this Agreement.
- M.** Contractor shall provide written notice via email of any cancellation notice received by Contractor from any insurer providing insurance as required in this Agreement within two (2) business days of Contractor's receipt of such notice.
- N.** **Permitting Contractor** to commence Work prior to CONSULTANTS's receipt of the required certificate shall not be a waiver of the Contractor's obligation to provide all of the above insurance. Acceptance by City or CONSULTANTS of insurance submitted by Contractor shall not relieve or decrease in any manner the liability of the Contractor for its performance under this Agreement.

In the event Contractor fails to obtain or maintain any of the foregoing required coverage, the City may purchase such coverage and charge the expense thereof to the Contractor, or may terminate this Agreement.

These Insurance provisions are intended to be a separate and distinct obligation on the part of Contractor. Therefore, these provisions shall be enforceable and Contractor shall be bound thereby regardless of whether or not the Indemnity provisions of this Agreement are determined at any time to be enforceable in the jurisdiction in which the Work covered by this Agreement is performed. The obligation of the Contractor to provide the insurance herein specified shall not limit in any way the liability or obligations assumed by the Contractor elsewhere in this Agreement.

In the event Contractor or its insurance carrier(s) defaults on any obligations under this Insurance provision, Contractor agrees that it will be liable for all reasonable expenses and attorneys' fees incurred by City in the enforcement of the terms of this provision.

O. City and Contractor's Protective Liability Insurance

If the Contractor is unable or unwilling to provide the required General Liability Additional Insured forms, a City's and Contractor's Protective Policy can be purchased as an acceptable alternate; Required limits of insurance;

1. Bodily Injury and Property Damage Combined
 \$5,000,000 Each Occurrence
 \$10,000,000 Annual Aggregate
2. The Contractor will furnish and maintain during the entire period of construction a City and Contractor's Protective Liability policy written in the name of the City and CONSULTANTS with not less than the limits indicated. The named insureds shall be:
 - a. City
 - b. Consultant, If Required.
3. Proof of insurance for the coverages required to be purchased by the Contractor, including the City's and Contractor's Protective Policy shall be submitted to CONSULTANTS for transmittal to the City for his approval prior to the start of construction. Proof of the City's Protective Policy shall consist of providing an entire copy of that policy to CONSULTANTS. With respect to all other coverages required to be purchased by the Contractor, proof of insurance shall consist of a Certificate of Insurance issued by the Contractor's insurance agency.
4. It is further understood that any insurance maintained or carried by City shall be in excess of any coverage provided by any Contractor or Subcontractor.

P. Railroad Protective Insurance will be required by Special Provisions if needed.

Q. Builder's Risk Insurance is not provided by the City. The Contractor is responsible for any loss that would be insured by such coverage. On Contracts for construction of buildings, bridges, or other structures, all Builder's Risk coverage may be required by Special Provisions. Such coverage shall name the City, Contractor, subcontractors, and suppliers, as their interests may appear as named insureds.

7-3 PERMITS AND LICENSES

The Contractor, prior to commencing work, shall at his own expense procure all permits, licenses, and bonds necessary for the prosecution of the work, required by Municipal, County, State and Federal regulations, unless specifically provided otherwise in the Special Conditions of the Contract.

The Contractor shall also give all notice, pay all fees, and comply with all Federal, State, County and Municipal laws, ordinances, rules and regulations and building and construction codes bearing on the conduct of the Work.

7-4 PATENTS AND ROYALTIES

If any design, device, material or process covered by letters patent or copyright is used by the Contractor, he shall provide for such use by legal agreement with the City of the patent or a duly authorized licensee of such City, and shall save harmless the City and the Engineer from any and all loss or expense on account thereof, including its use by the City.

7-5 STATE AND FEDERAL PARTICIPATION

When the County, State, and/or the Federal Government pays all or any portion of the cost of the Work, the Work shall be subject to the inspection of the appropriate agency.

7-6 SANITARY PROVISIONS

The Contractor shall comply with all rules and regulations of the Federal, State, County, and local health departments, and shall take precautions to avoid creating unsanitary conditions. The City or Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-7 PUBLIC CONVENIENCE AND SAFETY

The Contractor shall notify the City at least five (5) days in advance of the starting of Work, which might in any way inconvenience or endanger traffic, so that arrangements may be made, if necessary, for closing the road and providing suitable detours. The Contractor shall at all times conduct the Work as to insure the least obstruction to vehicular and pedestrian traffic. The convenience of the general public and of residents along the roadway shall be provided for in an adequate and satisfactory manner. (See also 7-9, 7-14 and 8-6.)

If a temporary road is required for the convenience of the general public and/or residents along the roadway, temporary road requirements will not be paid for separately, but will be incidental to the Contract and no extra compensation will be allowed.

7-8 BARRICADES AND WARNING SIGNS

When any section of road is closed to traffic, the Contractor shall provide, erect, and maintain barricades, red flags, signs and lights at each end of the closed section and at all intersecting roads in accordance with the Illinois Manual of Uniform Traffic Control Devices.

If during the progress of the work, it is necessary to provide access to private property along the road, the Contractor shall provide, erect, and maintain within the closed portion of the road, such barricades, signs, flags and lights as may be necessary to protect the Work and to safeguard local traffic.

When traffic is to be permitted to use the road during construction, the Contractor shall protect the work and provide for safe and convenient public travel by providing, erecting, and maintaining such barricades, red flags, and lights as are necessary.

The Contractor's responsibility for the work, as provided in Section 7-15, shall apply, even though barricades, signs, red flags, and lights are installed as required above.

The cost of furnishing and maintaining barricades, warning signs, red flags, and lights as required herein shall be incidental to the Contract and no extra compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-9 DEBRIS ON TRAVELED SURFACE OR STRUCTURES

Where the Contractor's equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the Contractor shall clean the traveled surface of all dirt and debris at the end of each day's operation.

The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-10 EQUIPMENT ON TRAVELED SURFACE AND STRUCTURES

The traveled surface and structures on or adjacent to the work shall be protected, from damage by lugs or cleats on treads or wheels of equipment.

All equipment used in the prosecution of the work shall comply with the legal loading limits established by the statutes of the State of Illinois or local regulations when moved over or operated on any traveled surface or structure unless permission in writing has been issued by the City. Before using any equipment, which may exceed the legal loading, the Contractor shall secure a permit, allowing ample time for making an analysis of stresses to determine whether or not the proposed loading would be within safe limits. The City will not be responsible for any delay in construction operations or for any costs incurred by the Contractor as a result of compliance with the above requirements. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-11 USE OF EXPLOSIVES

When the use of explosives is necessary for the prosecution of the Work, the Contractor shall be governed by the rules and regulations of the Department of Mines and Minerals of the State of Illinois and any local regulations, which govern the use of explosives. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-12 USE OF FIRE HYDRANTS

If the Contractor desires to use water from hydrants, he shall make application to the proper authorities, and shall conform to the municipal ordinances, rules or regulations concerning their use. Water from hydrants or other sources shall be at the Contractor's expense unless otherwise provided in the Special Provisions

Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within ten feet (10') of a fire hydrant, in the absence of such ordinances, rules or regulations.

7-13 PROTECTION AND RESTORATION OF PROPERTY

If corporate or private property interferes with the Work, the Contractor shall notify, in writing, the City of such property, advising them of the nature or disposition of such property. The Contractor shall furnish the City with copies of such notifications and with copies of any agreements between him and the property Owners concerning such protection or disposition.

The Contractor shall take all necessary precautions for the protection of corporate or private property, such as walls and foundations of buildings, vaults, underground structures of public utilities, underground drainage facilities, overhead structures of public utilities, trees, shrubbery, crops and fences contiguous to the Work, of which the Contract does not provide for removal. The Contractor shall protect and carefully preserve all official survey monuments, property marks, section markers, and Geological Survey monuments, or other similar monuments, until the City or an authorized surveyor or agent has witnessed or otherwise referenced their location or relocation. The Contractor shall take reasonable precautions to avoid disturbing any archeological and other historic remains encountered during construction. The Contractor shall notify the City of the presence of an such survey or property monuments or archeological and other historic remains as soon as they are discovered.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from error, neglect, misconduct or omission in his manner or method of execution or non-execution of the Work, or caused by defective Work or the use of unsatisfactory materials, and such responsibility shall not be released until the Work shall have been completed and accepted and the requirements of the Specifications complied with.

Whenever public or private property is so damaged or destroyed, the Contractor shall at his own expense, restore such property to a condition equal to that existing before such damage or injury was done by repairing, rebuilding, or replacing it as may be directed, or he shall otherwise make good such damage or destruction in an acceptable manner. If he fails to do so, the City may, after the expiration of a period of forty-eight (48) hours after giving him notice in writing, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from any compensation due, or which may become due the Contractor under his contract.

The Contractor shall remove all mailboxes within the limits of construction, which interfere with construction operations and shall erect them at temporary locations. As soon as construction operations permit, he shall set the mailboxes at their permanent locations. The Contractor shall replace at his own expense any mailbox or post which has been damaged by his operations.

The cost of all materials required and all labor necessary to comply with the above provisions will not be paid for separately, but shall be considered as incidental to the Contract, unless otherwise specified in the Special Provisions.

7-14 PROTECTION AND RESTORATION OF TRAFFIC SIGNS

Any traffic sign within the limits of construction, which interferes with construction operations, may be removed by the Contractor when authorized by the traffic sign City. Any traffic sign, which has been

removed, shall be re-erected immediately by the Contractor at the temporary location designated by the traffic sign City, and as soon as construction operations permit, the sign shall be set at its permanent location. The cost of all materials required and all labor necessary to comply with this provision will not be paid for separately, but shall be considered as incidental to the contract.

The Contractor shall replace at his own expense any traffic sign or post which has been damaged due to his operations.

Any traffic sign designated as critical by the traffic sign City shall not be disturbed and no additional compensation will be allowed the Contractor for any delays, inconvenience, or damage sustained by him due to any special construction methods required in prosecuting his work due to the existence of such traffic signs.

7-15 CONTRACTOR'S RESPONSIBILITY FOR WORK

The Work shall be under the control and care of the Contractor until final acceptance or use or occupancy by the City. The Contractor shall assume all responsibility for injury or damage to the Work by action of the elements or from any other cause whatsoever, and shall rebuild, repair, restore, and make good, at his expense, all injuries or damages to the Work, except that when the Work is opened to usage by written order of the City, the provisions of this article shall not apply to damage caused by such use and not due to the Contractor's fault or negligence.

When materials are furnished to the Contractor by the City for inclusion in the work, the Contractor's responsibility for handling and installation of all such materials shall be the same as for materials furnished by him.

In case of suspension of Work by the Contractor, the Contractor shall be responsible for the Work and shall take such precautions as may be necessary to prevent damage to the Work, provide for normal drainage and shall erect any necessary temporary structures, signs, or other facilities at his expense.

7-16 GUARANTEE PERIOD

The Contractor shall warrant all Work performed for a period of one (1) year from the date of final acceptance in writing by the Engineer. In case of acceptance of a part of the work for use or occupancy prior to final acceptance of the entire Work, the guarantee for the part so accepted shall be for a period of one year from the date of such partial acceptance, in writing, by the Engineer.

In placing orders for equipment, the Contractor shall purchase same only under a written guarantee from the respective manufacturers that the equipment supplied will function satisfactorily as an integral part of the completed Work in accordance with the Plans and Specifications, and that the manufacturer will repair or otherwise make good any defects in workmanship or materials which may develop within a period of one (1) year from the date of final acceptance. Furthermore, the Contractor shall require that the manufacturer agree in writing at the time the order for equipment is placed that he will be responsible for the proper functioning of the equipment in cooperation with the Contractor, and that whenever necessary during the installation period or tuning up period following construction period, the manufacturer will supply without additional cost to the City, such superintendence and mechanical labor

and any adjustments and additional parts and labor needed to make the equipment function satisfactorily, even if same was not shown on the approved shop drawings.

7-17 PERSONAL LIABILITY OF CITY'S AGENTS

In carrying out the provisions of this contract, or in exercising any power or authority granted to the City, there shall be no personal liability upon any officer or authorized agent of the City provided the City is a governmental body, it being understood that all such persons act as agents and representatives of the City.

7-18 NO WAIVER OF LEGAL RIGHTS

The City and the Engineer shall not be precluded by any measurement, estimate, or certificate made either before or after the completion and acceptance of the Work and payment therefor, from showing the true amount and character of the Work performed and materials furnished by the Contractor, or from showing that any such measurement, estimate, or certificate is untrue or incorrectly made, or that the Work or materials do not conform in fact to the Contract. The City shall not be precluded, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor and his sureties such damages as if it may sustain by reason of his failure to comply with the terms of the Contract. Neither the acceptance by the City, nor any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City, shall operate as a waiver of any portion of the Contract, or of any power herein reserved, or any right to damages herein provided. A waiver of any breach of the Contract shall not be held to be a waiver of any other or subsequent breach.

7-19 SAFETY

Contractor shall comply with State and Federal Safety regulations as outlined in latest revision of Federal Construction Safety Standards (Series 1926) and with applicable provisions and regulation of Occupation Safety and Health Administration (OSHA) Standards of the Williams-Steiger Occupational Health and Safety Act of 1970 (rev.). The City or Engineer shall not be responsible for determining the Contractor's compliance with these regulations.

The Contractor is solely responsible for the safety procedures, programs and methods of its employees, subcontractors of every tier, and agents. Contractor shall hold the City and the Engineer harmless for any and all damages resulting from violations thereof.

7-20 USE OF PRIVATE LAND

The Contractor shall not use any vacant lot or private land as a plant site, depository for materials, or as a spoil site without the written authorization of the City or the land (or his agent), a copy of which authorization shall be filed with the City.

7-21 USE OF WATER

Contractors desiring to use water furnished by the City will be required to set up an account with the City Water Department. Once proof has been supplied to Public Works a meter will be installed on an existing fire hydrant for which the contractor will be responsible for throughout the project construction. Once the project

is completed or water is not needed by the contractor anymore the contractor will be responsible for notifying Public Works to remove the meter so the account can be closed.

7-22 COST OF SERVICES

The Contractor will be required to pay the established water rates for water obtained from the City. Large quantities of water for flushing trenches, filling mains, testing or other operations shall be drawn only at night or at times specifically authorized by the City.

The cost of all power, lighting and heating required during construction shall be paid by the Contractor and its costs merged in the contract price.

7-23 WORK IN BAD WEATHER

No construction work shall be done during stormy, freezing or inclement weather, except such as can be done satisfactorily, and to secure first-class construction throughout, and then only subject to permission of the City.

7-24 SUNDAY WORK

No work shall be performed under these specifications at night or on Sunday and legal holidays without the approval of the City. If it is found necessary to continue the work at night or on Sunday or on a legal holiday, the Contractor will be charged for the Engineering and observation at such times at the rate of Seven Hundred Fifty Dollars (\$750.00) per day of eight (8) working hours for each person doing such work on the job, and the amount will be deducted from money due to the Contractor at the time of settlement.

7-25 WATCHMEN

Watchmen are to be provided by the Contractor at the site of the project to prevent loss, damage to property, or accidents.

7-26 CONSTRUCTION DEBRIS

The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, City, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years.

7-27 SAMPLE INSURANCE CERTIFICATE

Email all Certificates to the City or designated Consultants.

ACORD **CERTIFICATE OF LIABILITY INSURANCE** (DATE 01/01/2017)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION is WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in favor of such endorsement(s).

PRODUCER YOUR INSURANCE AGENT	COUNTRY STATE FED. TAX ID NO. FED. REG. NO. INSURERS OFFERING COVERAGE NAME
INSURED YOUR NAME AND ADDRESS	NUMBER 1: CARRIERS MUST BE RATED NUMBER 2: NUMBER 3: NUMBER 4:

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

POLICY LINE	TYPE OF INSURANCE	DATE WHEN COVERAGE BEGINS	POLICY NUMBER	INSURANCE COMPANY	INSURANCE COMPANY	UNITS
1	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR	Y Y	POLICY NUMBER	EFF DATE	EXP DATE	EACH OCCURRENCE \$ 1,000,000 AGGREGATE (All occurrences) \$ ANY LIMIT MEDICAL FEES (per person) \$ ANY LIMIT PERSONAL AND FAMILY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPOS AGG \$ 2,000,000
2	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED PASSENGER VEHICLES <input checked="" type="checkbox"/> NON-OWNED PASSENGER VEHICLES <input checked="" type="checkbox"/> HIREN AUTO	Y Y	POLICY NUMBER	EFF DATE	EXP DATE	COVERED SINGLE UNIT \$ 1,000,000 BODILY INJURY (per person) \$ BODILY INJURY (per aggregate) \$ PROPERTY DAMAGE (per person) \$ PROPERTY DAMAGE (per aggregate) \$
3	UMBRELLA LIMIT EXCESS LIMIT EXCESS LIMIT EXCESS LIMIT	Y Y	POLICY NUMBER	EFF DATE	EFF DATE	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
4	WORKERS COMPENSATION AND EMPLOYERS LIABILITY ANY OCCURRENCE (NON-CONTRIBUTORY) EMPLOYERS LIABILITY EMPLOYERS LIABILITY EMPLOYERS LIABILITY	Y Y	POLICY NUMBER	EFF DATE	EFF DATE	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 E.C. CHARGE - SA EMPLOYER \$ 500,000 E.C. CHARGE - POLICY LIMIT \$ 500,000
5	POLLUTION PROFESSIONAL	Y Y	POLICY NUMBER	EFF DATE	EFF DATE	\$1,000,000/1,000,000 AGG \$1,000,000/2,000,000 AGG

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (attach ACORD 101, Additional Remarks Schedule, if more space is required)

REL. JOB NUMBER AND PROJECT NAME AND ADDRESS:
Additional insured with respect to General Liability, Auto Liability and Umbrella/Excess Liability on a primary and noncontributory basis when required by written contract (Owner and Robinson Engineering Inc.) Owner is Certificate Holder. Waiver of Subrogation in favor of listed additional insureds with respect to General Liability, Auto Liability, Umbrella/Excess Liability and Workers' Compensation policies. Additional insured with respect to General Liability coverage per ISO form CG2010 and CG2037 or equivalent forms. Umbrella/Excess is on a follow form basis and is primary and non-contributory.

CERTIFICATE HOLDER OWNER	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
------------------------------------	--

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SECTION 8. PROSECUTION AND PROGRESS

8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or Contracts or any portion thereof, or of his right, title, or interest therein, without written consent of the City. In case such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his own organization, Work amounting to not less than 50 per cent of the total Contract, except that any items designated in the Contract as "specialty items" may be performed by subcontract and may be deducted from the total Contract price before computing the amount of work required to be performed by the Contractor with his own organization. No subcontracts, or transfer of Contract, shall in any case release the Contractor of his liability under the Contract. All transactions of the City shall be with the Contractor; subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence.

8-2 PROGRESS SCHEDULE

Promptly after the award of the contract, if requested, the Contractor shall submit to the City a satisfactory progress schedule, which shall show the proposed sequence of work, and how the Contractor proposes to complete the various items of work within the number of days set up on the contract. The progress schedule shall be reviewed and revised periodically as working conditions warrant. The Contractor shall confer with the City in regard to the prosecution of the Work in accordance with this schedule. This schedule shall be used as a basis for establishing major construction operations, and for checking progress of the Work.

8-3 PRE-CONSTRUCTION CONFERENCE

Unless the need for a preconstruction conference is waived by the Engineer, the Contractor shall make himself and his representatives available to meet with the Engineer and other representatives of the City, prior to the start of construction to discuss scheduling, handling of materials, payments, etc.

8-4 PROSECUTION OF THE WORK

The Contractor shall begin the Work to be performed under the contract not later than ten (10) days after the execution and acceptance of the Contract, unless otherwise provided, but not prior to the execution of the Contract.

8-5 COMPLETION DATE

The Contractor shall complete all Work on or before the stipulated completion date, or on or before a later date determined as specified herein; otherwise, the City may proceed to collect liquidated damages described hereinafter.

When a delay occurs due to unforeseen causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of the public enemy, governmental acts, fires, floods, epidemics, strikes, extraordinary delays in delivery of materials caused by strikes, lockouts, wrecks, freight embargoes, governmental acts, or acts of God, the time of completion shall be extended in whatever amount is determined by the City.

An "Act of God" means an earthquake, flood, cloudburst, cyclone, or other cataclysmic phenomena of nature beyond the power of the Contractor to foresee or make preparation in defense against. A rain, windstorm or other natural phenomenon of normal intensity, based on U.S. Weather Bureau reports, for the particular locality and for the particular season of the year in which the work is being prosecuted, shall not be construed as an "Act of God", and no extension of time will be granted for the delays resulting therefrom.

8-6 LIMITATIONS OF OPERATIONS

The Contractor shall conduct his work so as to create a minimum amount of inconvenience to vehicular and pedestrian traffic. At any time when, in the judgment of the City, the Contractor has obstructed or closed the road or is carrying on operations on a greater portion of a street than is necessary for the proper prosecution of the Work, the City may require the Contractor to finish the section on which Work is in progress before the Work is started on any additional section. (See also Section 7-7).

8-7 SUSPENSION OF WORK

The City shall have authority to suspend the Work wholly or in part, for such period of time as he may deem necessary, due to conditions unfavorable for the satisfactory prosecution of the Work, or to conditions which in his opinion warrant such action; or for such time as is necessary by reason of failure on the part of the Contractor to carry out orders given, or to perform any or all provisions of the Contract. No additional compensation will be paid the Contractor because of any costs caused by such suspension, except when the suspension is ordered for reasons not resulting from any act or omission on the part of the Contractor. If it becomes necessary to stop Work for an indefinite period of time, the Contractor shall store all material in such manner that they will not obstruct or impede the traveling public unnecessarily or become damaged in any way, take every precaution to prevent damage or deterioration of the Work performed, provided suitable drainage of the roadway, and erect temporary structures where necessary. The Contractor shall not suspend Work without written authority from the City. (See also Section 7-15).

8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR COMPLETION

When the time for completion of the Work contemplated is specified in the Contract, it is understood that the completion of the Work within the time specified is an essential part of the Contract. If the Contractor finds it impossible to complete the Work within the time specified in the Contract, he may, at any time prior to the last thirty (30) days of the Contract time specified, make written request to the City for an extension of Contract time. He shall set forth in full in his request the reasons, which he believes justify the granting of his request. If the City finds that the Work is delayed because of conditions beyond the control of the Contractor, or that the quantities of work done, or to be done, are in excess, he shall promptly grant an extension of time for completion, which appears reasonable and proper. The extended time for completion shall then be considered as in effect the same as if it were the original Contract time for completion.

8-9 FAILURE TO COMPLETE THE WORK ON TIME

Should the Contractor fail to complete the Work within the Contract time the Contractor shall be liable to the City in the amount shown in the following schedule of deductions, as liquidated damages, and not

as a penalty, for each day of overrun in the Contract time or such extended time as may have been allowed.

**SCHEDULE OF DEDUCTIONS FOR
EACH DAY OF OVERRUN IN
CONTRACT TIME**

Original Contract Amount		Daily Charge	
From more than	To and Including	Calendar Day	Work Day
\$ 0	100,000	\$ 475	\$ 675
100,000	500,000	750	1,050
500,000	1,000,000	1,025	1,425
1,000,000	3,000,000	1,275	1,725
3,000,000	6,000,000	1,425	2,000
6,000,000	12,000,000	2,300	3,450
12,000,000	And over	5,800	8,125

8-10 DEFAULT ON CONTRACT

If the Contractor fails to begin the Work under Contract within the time specified, or fails to perform the Work with sufficient workmen and equipment or with sufficient materials to insure the completion of said Work within the Contract time, or shall perform the Work unsuitable, or shall neglect or refuse to remove materials or perform anew such Work as shall be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work, or if the Contractor shall become insolvent or be declared bankrupt, or shall commit any act of bankruptcy or insolvency, or shall make an assignment for the benefit of creditors, the City shall give notice in writing to the Contractor and his surety of such delinquency, said notice to specify the corrective measures required.

If the Contractor, within a period of ten (10) days after said notice, shall not proceed in accordance therewith, the City shall have full power and authority to forfeit the rights of the Contractor and at its

option to call upon the surety to complete the Work in accordance with the terms of the contract, or it may take over the Work, including any or all materials and equipment on the ground as may be suitable and acceptable, and may complete the Work with his own forces, or may enter into a new agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner.

All costs and charges incurred by the City, together with the cost of completing the work under Contract, shall be deducted from the Contract amount. In case the expense so incurred by the City shall be less than the sum which would have been payable under the Contract if it had been completed by the Contractor, the Contractor shall be entitled to receive the difference subject to any claims for liens thereon in case such expense shall exceed the sum which would have been payable under the Contract, the Contractor and the surety shall be liable and shall pay to the City the amount of such excess.

8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY

Whenever the Work called for by the Contract shall have been completely performed on the part of the Contractor and all parts of the Work have been approved and deemed to be in compliance with the Technical Plans and Specifications by the Engineer, according to the Contract, and the final estimate paid, the Contractor's obligations shall be considered fulfilled, except as set forth in his Bond, in Section 7-18 and his one-year guarantee, in Section 7-16.

SECTION 9. MEASUREMENT AND PAYMENT**9-1 MEASUREMENT OF QUANTITIES**

All Work completed under the Contract will be measured by the Engineer according to United States Standard Measures. The method of measurement shall be described in the Specifications or the Special Provisions.

9-2 SCOPE OF PAYMENT

The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools and equipment; for performing all Work contemplated and embraced under the Contract; for all loss or damage arising out of the nature of the Work or from action of the elements; for any unforeseen difficulties or obstructions which may arise or be encountered during the prosecution of the Work until its final acceptance by the City; for all risks of every description connected with the prosecution of the Work; also, for all such expenses incurred by or in consequence of suspension or discontinuance of such prosecution of the work as herein specified, or for any infringement of patents, trademarks, or copyrights, and for completing the Work in an acceptable manner according to the Contract Documents.

Contractor will be paid in cash and/or negotiable warrants at intervals, and in accord with the terms of the Contract. Except for subdivision contracts, the City will retain ten percent (10%) of each periodic payment until final completion and acceptance by the City of all Work included in the Contract.

The payment of any current estimate prior to final acceptance of the Work by the City shall in no way constitute an acknowledgment of the acceptance of the Work, nor in any way prejudice or affect the obligation of the Contractor, at his expense, to repair, correct, renew, or replace any defects or imperfections in the construction or in the strength or quality of the materials used in or about the construction of the Work under Contract and its appurtenances, nor any damage due or attributable to such defects, which defects, imperfections, or damage shall have been discovered on or before the final inspection and acceptance of the Work. Defects, imperfections, or damage, shall be determined by the Engineer observing the work for compliance with the Plans and Specifications, and the Contractor shall be liable to the City for failure to correct the same as provided herein.

9-3 INCREASED OR DECREASED QUANTITIES

Whenever the quantity of any item of Work as given in the Proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such item named in the Proposal, except as otherwise provided in Sections 4-3 or in the detailed specifications for each class of Work.

9-4 PAYMENT FOR EXTRA WORK

Extra Work which results from any of the changes as specified in Section 4-3 shall not be started, except in case of an emergency, until receipt of a written authorization or Work order from the City, which authorization shall state the items of work to be performed and the method of payment for each item. Work performed without such order will not be paid for.

Extra work will be paid for:

A. Either at a lump sum price or at unit prices agreed upon by the Contractor and the City. {In case a Supplemental Agreement is signed between the Contractor and the City, the agreed prices pertaining thereto shall prevail}.

B. If acceptable to the Engineer, on the following force account basis:

1. Labor. The Contractor will be paid the actual amount of wages for all labor and foreman in direct charge of the specific Work for each hour that said labor and foreman are actually engaged in such Work, to which cost shall be added twenty percent (20%) of the sum thereof.
2. Bond, Insurance, Tax, Welfare Fund and other Payments. The Contractor will receive the actual cost of Contractor's bond, public liability and property damage insurance, workmen's compensation insurance, social security tax, welfare fund and other payments, if any, in accordance with agreements applicable to the Contract, required for force account work, to which no percentage shall be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for such bond, insurance tax, welfare fund and other payments.
3. Materials. The Contractor will receive the actual cost for all materials which are an integral part of the finished Work, including freight charges as shown by the original receipted bills, to which shall be added fifteen percent (15%) of the sum thereof.

The Contractor will be reimbursed for any materials used in the construction of the Work, such as sheeting, false work, form lumber, curing materials, etc., which are not an integral part of the finished Work. The amount of reimbursement shall be agreed upon in writing before such Work is begun, and no percent shall be added. The salvage value of such materials shall be taken into consideration in the reimbursement agreed upon.

4. Equipment. Machinery and equipment, which the Contractor has on the job for use on contract items, shall be used on extra Work as deemed necessary or desirable. The Contractor will be paid for all machinery and equipment used on extra work in accordance with the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT CITYSHIP EXPENSE WITH OPERATING COST" as issued by the Department of Transportation, State of Illinois, for the period that said machinery and equipment are in use on such Work, to which no percent shall be added. In the event that equipment is used which is

not included in aforesaid publication, the latest edition of the "Compilation of Nationally Averaged Rental Rates for Construction Equipment" compiled by Equipment Distributors, 615 West 22nd Street, Oak Brook, Illinois 60521, shall be used to determine equipment rental rates and no percent shall be added to the rates indicated in such publication.

9-5 PAYMENT FOR SUBCONTRACTING, EXTRA WORK

Where an authorized subcontractor performs some or all of the Work qualifying as an Extra Work item and compensation is to be based on the terms of paragraph 9-4 (2), the cost of labor, bonds, material and equipment shall be the cost to the subcontractor on these items and an additional allowance to the prime Contractor of five percent (5%) of all costs as determined in paragraph 9-4 (2) shall be made in such instances.

9-6 PARTIAL PAYMENTS

Once each month, the Contractor will make an approximate estimate, in writing, of the materials in place complete, the amount of Work performed, and the value thereof, at the contract unit prices. From the amount so determined of completed work there shall be deducted ten percent (10%) to be retained until after the completion of the entire Work to the satisfaction of the City, and the balance certified to the City for payment.

In addition, an estimate may, at the discretion of the City and upon presentation of receipted bills and freight bills, be made for payment of the value of acceptable non-perishable materials delivered at the Work site or in acceptable storage places and not used at the time of such estimate. The care and storage of such material shall be the Contractor's responsibility. In the absence of receipted bills, an estimate may, at the request of the Contractor and at the discretion of the City, be made for payment of the value of materials in acceptable storage places and not used at the time of the estimate, but in such an event payment shall be made of such amounts by a check requiring the endorsement of both the Contractor and materials supplier. Endorsement of such a check by the material supplier shall be construed a waiver of lien for the cost of materials covered by the check. Such materials, when so paid for by the City, shall become the property of the City, and in the event of default on the part of the Contractor, the City may use or cause to be used such materials in the construction of the Work provided for in the Contract. The amount thus paid by the City shall be deducted from estimates due the Contractor as the material is used in the Work.

9-7 ACCEPTANCE AND FINAL PAYMENT

Whenever the Work provided for by the Contract shall have been completely performed on the part of the Contractor, and all parts of the Work have been deemed to be in substantial compliance with the Plans and Specifications by the Engineer and accepted by the City, a final estimate showing the value of the Work will be prepared by the Engineer as soon as the necessary measurements and computations can be made, all prior estimates upon which payments have been made being approximate only and subject to correction in the final payment. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the Contract, will be paid to the Contractor as soon as practicable after the final acceptance, provided the Contractor has furnished to the City satisfactory evidence that all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished for the

purpose of such Work have been paid or that the person or persons to whom the same may be due have consented to such final payment.

Neither the final payment on this contract by the City nor any provisions in the contract documents shall relieve the Contractor of the responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period provided by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Contract, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials.

The acceptance by the Contractor of the final payment shall constitute a release and waiver of all claims by the Contractor except those previously made and still unsettled.

9-8 CITY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS

The City may withhold, in addition to retained percentages, from payment to the Contractor, such an amount or amounts as may be necessary to cover:

- A. Payments that may be earned or due for just claims for labor and materials furnished in and about the Work.
- B. For defective Work not remedied.
- C. For failure of the Contractor to make proper payments to his subcontractors.
- D. For reasonable doubt that the contract can be completed for the balance then unpaid.

The City will disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment therefrom. The City will render to the Contractor a proper accounting of all such funds disbursed on behalf of the Contractor.

The City also reserves the right, even after full completion and acceptance of the Work, to refuse payment of the final ten percent (10%) due the Contractor, until it is satisfied that all subcontractors, material suppliers, and employees of the Contractor have been paid in full.

9-9 RELEASE OF CLAIMS AND LIENS

Neither the final payment nor any part of the retained percentage shall become due until the Contractor shall deliver to the City a complete release of all claims or liens arising out of this contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as he has knowledge or information the release and receipts include all the labor and materials for which a lien or claim could be filed; but the Contractor may, if a subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the City to indemnify the City against any claim or lien (in cases where such payment is not already guaranteed by surety bond). If any claim or lien remains unsatisfied after all payments are made, the Contractor shall refund to the City all monies that the latter may be compelled to pay in discharging such a lien, including all costs and a reasonable attorney's fee.



1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

**Source Site Certification
by Owner or Operator
for Use of Uncontaminated Soil as Fill in a
CCDD or Uncontaminated Soil Fill Operation
LPC-662**

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1) (A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Crest Hill CCDD - 662 Office Phone Number, if available: _____

Physical Site Location (Street, Road): Circle St; Green St; and Sweetbriar Ave: Green St to Root St

City: Crest Hill State: IL Zip Code: 60403 County: Will

Township: Lockport

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.56508 Longitude: - 88.13274

(Decimal Degrees)

(-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☒ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

Map Interpolation

IEPA Site Number(s), if assigned: BOL: NA BOW: NA BOA: NA

Approximate Start Date (mm/dd/yyyy): 01/01/2024 Approximate End Date (mm/dd/yyyy): 12/31/2024

Estimated Volume of debris (cu. Yd.): 5,000

II. Owner/Operator Information for Source Site

Site Owner

Name: _____ City of Crest Hill

Street Address: _____ 20600 City Center Blvd

PO Box: _____

City: _____ Crest Hill State: IL

Zip Code: 60403 Phone: _____

Contact: _____

Email, if available: _____

Site Operator

Name: _____

Street Address: _____

PO Box: _____

City: _____ State: _____

Zip Code: _____ Phone: _____

Contact: _____

Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: _____

See Attachment 1

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: _____

See Attachment 1

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I Jonathan Shuptar P.G. (owner, operator or authorized representative of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

☐ Owner

☐ Operator

Jonathan Shuptar P.G.

Printed Name

Signature

☒ Owner's Duly Authorized Representative

☐ Operator's Duly Authorized Representative

11/09/23

Date



ATTACHMENT 1

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation (LPC-662)

DATE: 11/09/23

SOURCE OWNER/OPERATOR: City of Hill Crest

PROJECT: Proposed Watermain Plans – Circle Street, Green Street, and Sweetbriar Street

DESCRIPTION OF SOURCE:

The Source is a roadway with residential single-family homes for adjoining properties. Development at the Source property will include watermain and storm sewer improvements; and roadway resurfacing of Circle Street, Green Street, and Sweetbriar Street with adjustments to sanitary manholes and select mailboxes; and fire hydrant removal and replacement. Soils will be generated throughout the project from proposed watermain and sewer installation. The proposed project is shown in **Figure 1**.

SECTION III DESCRIPTION OF CURRENT AND PAST USES OF SOURCE SITE:

Summary of Current and Past Uses of the Source Site and Nearby Properties:

Based on a geodatabase search for the Source Site, the Site has been a roadway since 1939. Adjoining properties have been vacant land and developing residential properties since 1939. Adjoining sites are currently used as residential single-family homes. Property to the north of the roadway has been agricultural farmland since 1939. Property to the east of the roadway was agricultural farmland from 1939 to 1954. Property to the east of the roadways has been vacant land since 1962. The database review did not identify any environmental concerns within ¼-mile of the Project Area. The review of the Source Site history demonstrates eligibility for LPC-662 Certification based on the following:

- (1) Use of the properties for industrial and commercial properties.
 - There is no record of industrial or commercial use of the source site or adjoining properties.
- (2) The use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons.
 - There is no evidence of current or historical storage, disposal, or improper use of chemical or petroleum products in individual containers greater than 5-gallons or collectively more than 50-gallons at the Source Site or adjoining properties.
- (3) The current or past presence of any storage tanks (above ground or underground).
 - Regulatory records and Source Site observations do not indicate the current or past presence of above ground or underground storage tanks on the Source Site or adjoining properties.

Proposed Watermain Plans – Circle Street, Green Street, and Sweetbriar Street
November 9, 2023

(4) Any waste storage, treatment or disposal at the properties

- Regulatory records and Source Site observations do not indicate waste storage, treatment, or disposal at the Source Site or adjoining properties.

(5) Any reported releases or any environmental cleanup or removal of contaminants.

- There are no observed, reported or known releases or environmental cleanup and no removal of contaminants at the Source Site or adjoining properties.

(6) Any environmental liens or governmental notifications or environmental violations.

- Known environmental liens, governmental notifications, and environmental violations were not reported in connection to the Source Site or adjoining properties, and violations and notifications were not listed in regulatory records reviewed.

(7) Any contamination in a well that exceeds the Board's groundwater quality standards.

- No reported wells with contamination that exceeds the Board's groundwater quality standards are known to be located on the Source Site or adjoining properties.

(8) The use, storage, or disposal of transformers or capacitors manufactured before 1979.

- No evidence of the use, storage, or disposal of transformers or capacitors manufactured before 1979 was observed or documented to have been at the Source Site or adjoining properties.

(9) Any fill dirt brought to the properties from an unknown source or site.

- No known or observed fill dirt has been brought to the Source Site or adjoining properties from an unknown source or site.

SECTION IV SOIL PH TESTING RESULTS:

Sampling Approach:

Based on the review of the Site Source history, the Source Site is not considered a Potentially Impacted Property (PIP) and according to 35 Ill. Adm. Code 1100.205(a)(1)(A), the soils generated from this project are presumed to be uncontaminated. To complete the certification through the LPC – 662 and demonstrate compliance with CCDD regulations, the soils must have a pH within the acceptable range of 6.25 to 9.0.

A total of 3 soil samples were collected from the project area. The samples were collected from 1-10 feet below existing grade, which is consistent with the proposed excavation. Each of the 3 samples were analyzed for pH. Samples were collected by a V3 Geologist. Samples were collected from geoprobe soil borings drilled by Earth Solutions, Inc., and were sampled using standard operating procedures for

Proposed Watermain Plans – Circle Street, Green Street, and Sweetbriar Street

November 9, 2023

environmental soil sampling. Samples were packaged into clear laboratory provided jars and stored in a cooler on ice. Samples were delivered the same day of sample collection to Sterling Labs (an IEPA ELAP Accredited Laboratory) for analysis.

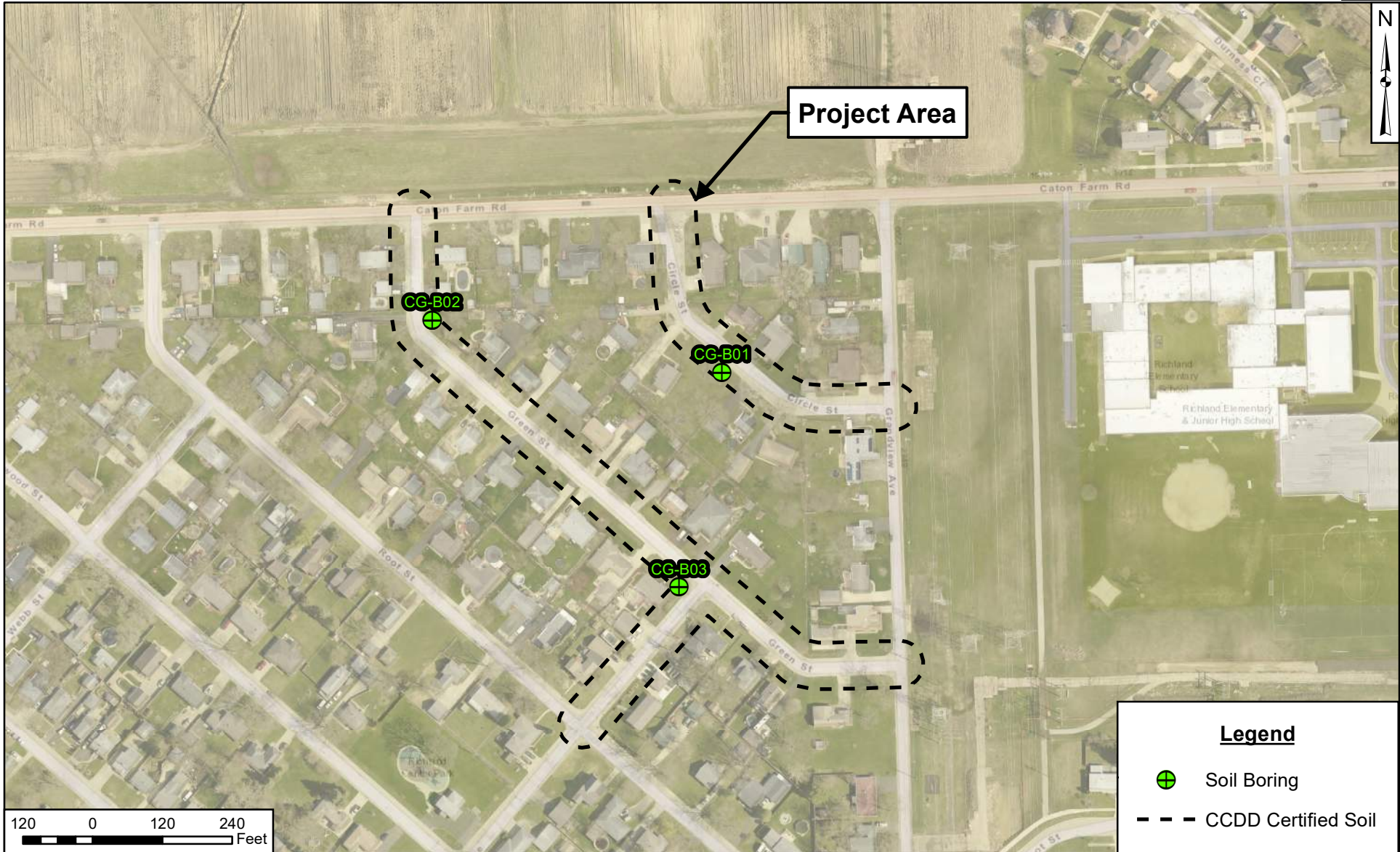
Sample Results and Conclusion:


Each of the 3 samples had a pH within the acceptable range of 6.25 and 9.0 (See attached Lab Analytical Report). Project soils from the Source Site meet the criteria of Title 35: Subtitle J: Chapter I: Part 1100 for acceptance as CCDD fill material.

FACILITY ACCEPTANCE AND UNCHARACTERIZE CONDITIONS:

Demonstration of compliance with CCDD regulations and achievement of the Maximum Allowable Concentrations (MACs) does not guarantee soils and fill material will be accepted at all CCDD/Uncontaminated Soil Fill Operations (USFO). CCDD/USFO facilities are privately operated facilities and reserve the right to reject fill material on any criteria. This CCDD soil evaluation was conducted in accordance with applicable Illinois clean fill regulations and general industry standards. It is the earthwork contractor's responsibility to coordinate acceptance with the selected facility based on this documentation. CCDD/USFO facilities may have acceptance criteria which is more stringent than the minimum requirements of Title 35: Subtitle J: Chapter I: Part 1100. Any additional sampling or soil evaluation required by a contractor selected CCDD/USFO facility is the responsibility of the contractor, and can be provided by V3 at additional cost.

Environmental, geological, and geotechnical conditions can vary from those encountered at times and locations where data was obtained and may result in uncertainty with respect to the interpretation of these conditions, despite the use of standard professional care. V3 has used a level of care ordinarily exercised by professional consultants acting under similar circumstances in performing these services. Should conditions inconsistent with the findings contained within this report be encountered during the course of the project, project soils should be reevaluated.



 <p>7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone www.V3co.com</p> <p>Visio, Vertere, Virtute... "The Vision To Transform With Excellence"</p>	PROJECT NO.: 230652	CLIENT: City of Crest Hill 20600 City Center Blvd Crest Hill, Illinois, 60403	<p>CIRCLE STREET & GREEN STREET</p>	
	CREATED BY: JAK			
	DATE: 10/25/2023	BASE LAYER: Will County Open GIS Data (2022)	<p>Proposed Watermain Plans Crest Hill, IL</p>	
	SCALE: See Scale Bar			
			FIGURE: 1	538



2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

Item 5.

October 23, 2023

V3 Companies of Illinois
7325 Janes Avenue
Woodridge, IL 60517
Telephone: (630) 724-9200
Fax: (630) 724-9202

Analytical Report for Work Order: 23100660 Revision 0

RE: 230652, Crest Hill - Cricle & Green, Crest Hill, IL

Dear V3 Companies:

Sterling Labs received 3 samples for the referenced project on 10/20/2023 2:22:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / TNI standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

A handwritten signature in black ink, appearing to read "Justice Kwateng".

Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or discuss the analytical report.

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Date: October 23, 2023

Customer: V3 Companies of Illinois
Project: 230652, Crest Hill - Cricle & Green, Crest Hill, IL
Work Order: 23100660 Revision 0

Work Order Sample Summary

Lab Sample ID	Customer Sample ID	Tag Number	Collection Date	Date Received
23100660-001A	CG-B01 (6-8)		10/20/2023 11:42:00 AM	10/20/2023
23100660-002A	CG-B02 (6-8)		10/20/2023 12:20:00 PM	10/20/2023
23100660-003A	CG-B03 (2-4)		10/20/2023 12:45:00 PM	10/20/2023



2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

Item 5.

Date Reported: October 23, 2023

Date Printed: October 23, 2023

Analytical Results

Customer: V3 Companies of Illinois

Project: 230652, Crest Hill - Cricle & Green, Crest Hill, IL

Work Order: 23100660 Revision 0

Lab ID: 23100660-001

Collection Date: 10/20/2023 11:42:00 AM

Customer Sample ID: CG-B01 (6-8)

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C) IEPA ELAP 100445	SW9045C					Prep Date: 10/23/2023 Analyst: LJ1
pH	8.55			pH Units	1	10/23/2023

Lab ID: 23100660-002

Collection Date: 10/20/2023 12:20:00 PM

Customer Sample ID: CG-B02 (6-8)

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C) IEPA ELAP 100445	SW9045C					Prep Date: 10/23/2023 Analyst: LJ1
pH	8.16			pH Units	1	10/23/2023

Lab ID: 23100660-003

Collection Date: 10/20/2023 12:45:00 PM

Customer Sample ID: CG-B03 (2-4)

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C) IEPA ELAP 100445	SW9045C					Prep Date: 10/23/2023 Analyst: LJ1
pH	8.51			pH Units	1	10/23/2023

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Sample Receipt Checklist

Customer: V3

Date and Time Received: 10/20/2023 2:22:00 PM

Work Order Number 23100660

Received by: JMH

Checklist completed by:

[Signature]
Signature

10-20-2023
Date

Reviewed by:

[Signature] *10/23/2023*
Initials Date

Matrix:

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by: _____
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments:

Customer /
Person
contacted:

Date contacted:

Contacted by:

Response:

Crest Hill - Circle Green

2323 Circle St
Crest Hill, IL 60403

Inquiry Number: 7469530.9s
October 13, 2023

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2323 CIRCLE ST
CREST HILL, IL 60403

COORDINATES

Latitude (North):	41.5653220 - 41° 33' 55.15"
Longitude (West):	88.1323640 - 88° 7' 56.51"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	405581.5
UTM Y (Meters):	4601922.5
Elevation:	630 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	10705988 PLAINFIELD, IL
Version Date:	2018
East Map:	10705952 JOLIET, IL
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20190914, 20190809
Source:	USDA

MAPPED SITES SUMMARY

Item 5.

Target Property Address:
2323 CIRCLE ST
CREST HILL, IL 60403

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CREST HILL		PFAS	Higher	935, 0.177, SE
2	EMRO MARKETING 7008-	2200 PLAINFIELD RD	LUST, RCRA NonGen / NLR, FINDS, ECHO, BOL	Lower	1590, 0.301, SW
3	CONNELLY ICE CREAM	1914 DON MAUR	LUST, UST	Lower	2611, 0.495, SSE
4	AMOCO OIL CO. #15795	RT. 30 & CATON FARM	LUST	Lower	2632, 0.498, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
 Proposed NPL..... Proposed National Priority List Sites
 NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
 SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
 RCRA-SQG..... RCRA - Small Quantity Generators
 RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
 DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
 IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
 CDL..... Meth Drug Lab Site Listing
 US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
 SPILLS..... State spills
 SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
 FUDS..... Formerly Used Defense Sites
 DOD..... Department of Defense Sites
 SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
 US FIN ASSUR..... Financial Assurance Information
 EPA WATCH LIST..... EPA WATCH LIST
 2020 COR ACTION..... 2020 Corrective Action Program List
 TSCA..... Toxic Substances Control Act
 TRIS..... Toxic Chemical Release Inventory System
 SSTS..... Section 7 Tracking Systems
 ROD..... Records Of Decision
 RMP..... Risk Management Plans
 RAATS..... RCRA Administrative Action Tracking System
 PRP..... Potentially Responsible Parties
 PADS..... PCB Activity Database System
 ICIS..... Integrated Compliance Information System
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
 MLTS..... Material Licensing Tracking System
 COAL ASH DOE..... Steam-Electric Plant Operation Data
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
 PCB TRANSFORMER..... PCB Transformer Registration Database
 RADINFO..... Radiation Information Database
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
 DOT OPS..... Incident and Accident Data
 CONSENT..... Superfund (CERCLA) Consent Decrees
 INDIAN RESERV..... Indian Reservations
 FUSRAP..... Formerly Utilized Sites Remedial Action Program
 UMTRA..... Uranium Mill Tailings Sites
 LEAD SMELTERS..... Lead Smelter Sites
 US AIRS..... Aerometric Information Retrieval System Facility Subsystem
 US MINES..... Mines Master Index File
 MINES MRDS..... Mineral Resources Data System

EXECUTIVE SUMMARY

ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
AIRS.....	Air Inventory Listing
ASBESTOS.....	Asbestos Notification Tracker Information
BOL.....	Bureau of Land Inventory Database
COAL ASH.....	Coal Ash Site Listing
DRYCLEANERS.....	Illinois Licensed Drycleaners
Financial Assurance.....	Financial Assurance Information Listing
HWAR.....	Hazard Waste Annual Report
IMPDMENT.....	Surface Impoundment Inventory
NPDES.....	A Listing of Active Permits
PIMW.....	Potentially Infectious Medical Waste
TIER 2.....	Tier 2 Information Listing
UIC.....	Underground Injection Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 07/17/2023 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EMRO MARKETING 7008-</i> NFA/NFR Letter: 1993-12-20 Incident Num: 910142 IL EPA Id: 1970255012	<i>2200 PLAINFIELD RD</i>	<i>SW 1/4 - 1/2 (0.301 mi.)</i>	<i>2</i>	<i>11</i>
<i>CONNELLY ICE CREAM</i> NFA/NFR Letter: 2005-09-06 Incident Num: 991591 IL EPA Id: 1970255035	<i>1914 DON MAUR</i>	<i>SSE 1/4 - 1/2 (0.495 mi.)</i>	<i>3</i>	<i>15</i>
AMOCO OIL CO. #15795 NFA/NFR Letter: 2000-04-10 Incident Num: 921518 IL EPA Id: 1970255015	RT. 30 & CATON FARM	W 1/4 - 1/2 (0.498 mi.)	4	17

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

PFAS: The Illinois Environmental Protection Agency (Illinois EPA) has conducted statewide investigations into the prevalence and occurrence of Per- and Polyfluoroalkyl Substances (PFAS) contamination.

A review of the PFAS list, as provided by EDR, and dated 06/28/2023 has revealed that there is 1 PFAS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CREST HILL		SE 1/8 - 1/4 (0.177 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name

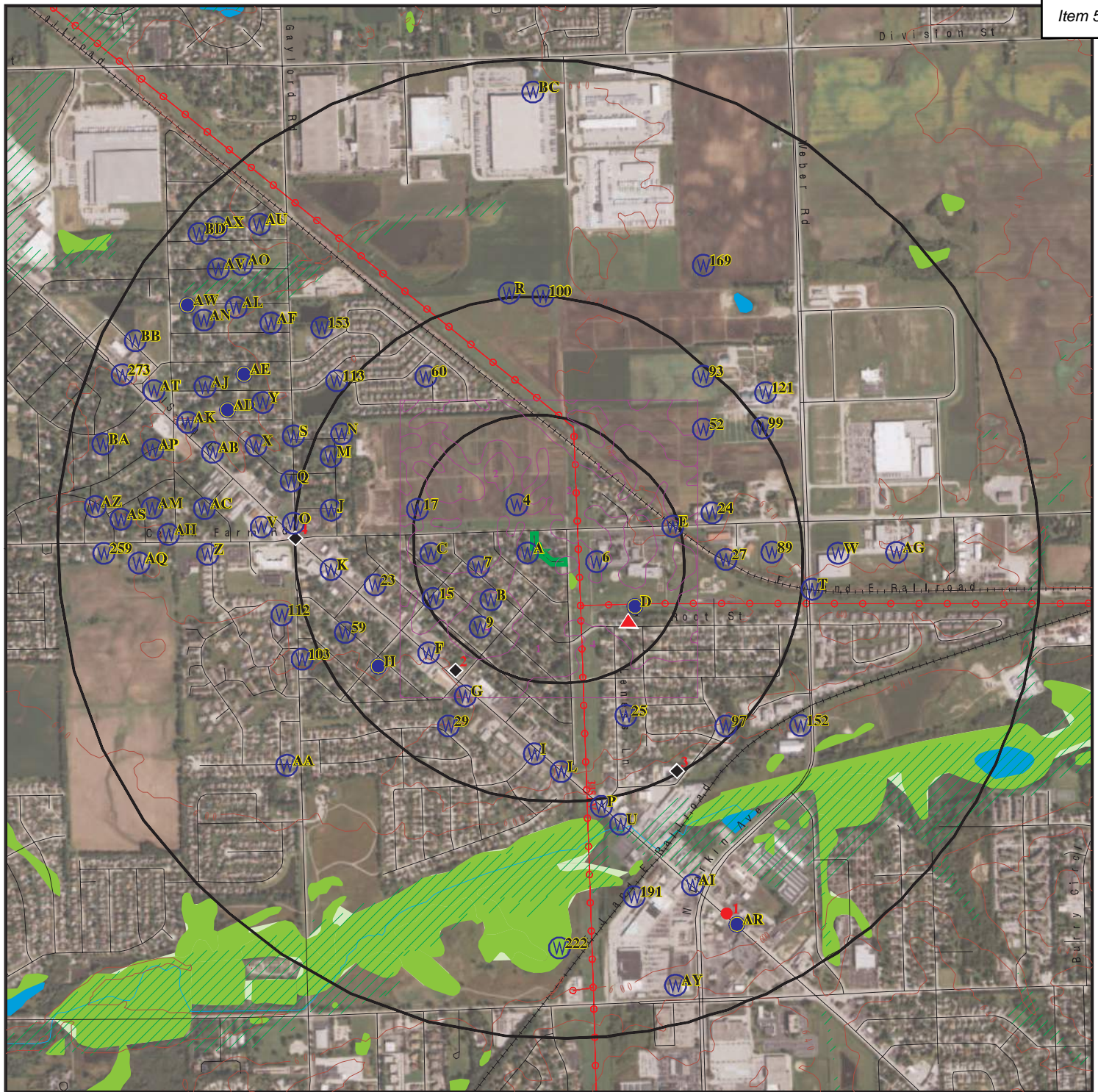
Database(s)


CREST HILL, CITY OF
QUICK RUN CREST HILL

NPDES
UST

OVERVIEW MAP - 7469530.9S

Item 5.



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

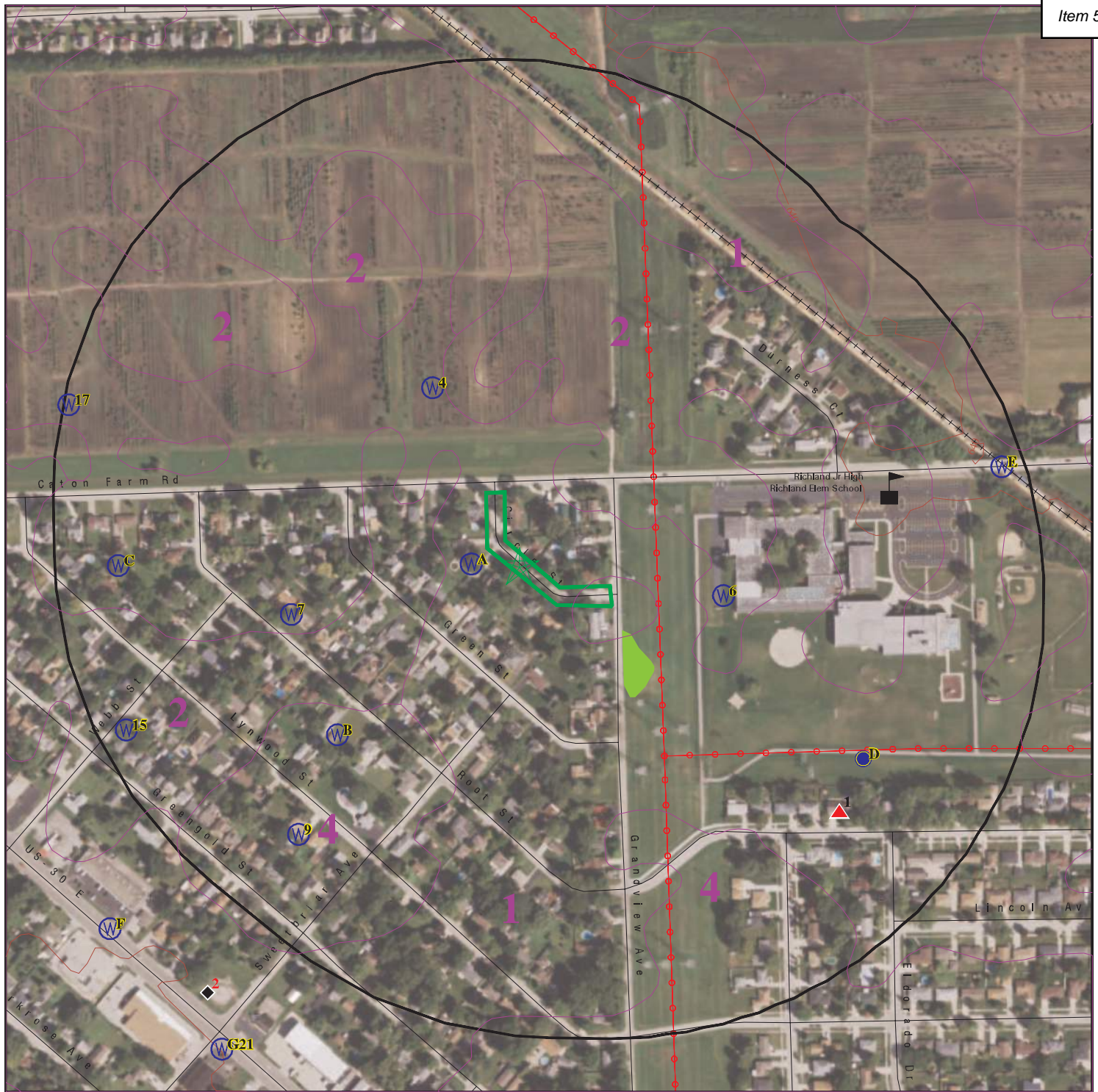
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Crest Hill - Circle Green
 ADDRESS: 2323 Circle St
 Crest Hill IL 60403
 LAT/LONG: 41.565322 / 88.132364

CLIENT: V3 Companies of IL, LTD
 CONTACT: Jonathan D Shuptar
 INQUIRY #: 7469530.9s
 DATE: October 13, 2023 11:08 am

DETAIL MAP - 7469530.9S

Item 5.



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Crest Hill - Circle Green
 ADDRESS: 2323 Circle St
 Crest Hill IL 60403
 LAT/LONG: 41.565322 / 88.132364

CLIENT: V3 Companies of IL, LTD
 CONTACT: Jonathan D Shuptar
 INQUIRY #: 7469530.9s
 DATE: October 13, 2023 11:09 am

555

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SSU	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
CCDD	0.500		0	0	0	NR	NR	0
LF SPECIAL WASTE	0.500		0	0	0	NR	NR	0
IL NIPC	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
SRP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
BOL	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HWAR	TP		NR	NR	NR	NR	NR	0
IMPDMENT	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PIMW	0.250		0	0	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		0	0	1	3	0	0	4
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

1 **CREST HILL** **PFAS** **S128615520**
SE **, IL** **N/A**
1/8-1/4
0.177 mi.
935 ft.

Relative:
Higher
Actual:
633 ft.

PFAS:

System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROBUTANESULFONIC ACID (PFBS)
Code:	2801
Concentration MSR:	3.70000000
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.128796999999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROHEPTANOIC ACID (PFHPA)
Code:	2802
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.128796999999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROHEXANE SULFONIC ACID (PFHXS)
Code:	2803
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.128796999999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CREST HILL (Continued)

S128615520

Class Code: PFAS
Alternate Name: PERFLUOROOCTANOIC ACID (PFOA)
Code: 2806
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUOROHXANOIC ACID (PFHXA)
Code: 2809
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUOROUNDECANOIC ACID (PFUNA)
Code: 2812
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUORONONANOIC ACID (PFNA)
Code: 2804
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CREST HILL (Continued)

S128615520

Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUOROOCTANE SULFONIC ACID (PFOS)
Code: 2805
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUORODODECANOIC ACID (PFDOA)
Code: 2808
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUORODECANOIC ACID (PFDA)
Code: 2807
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

System Number: IL1970250
Name: CREST HILL
Address: Not reported
City,State,Zip: IL
Class Code: PFAS
Alternate Name: PERFLUOROTRIDECANOIC ACID (PFTRDA)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CREST HILL (Continued)**S128615520**

Code: 2811
Concentration MSR: 0
UOM Code: NG/L
Assigned Ident Code: TP07
Ident Code: TP07
Assigned ID: 4868635
End Date: 04/05/2021
Latitude: 41.563262999999
Longitude: -88.128796999999

[Click this hyperlink](#) while viewing on your computer to access
184 additional IL PFAS: record(s) in the EDR Site Report.

2
SW
1/4-1/2
0.301 mi.
1590 ft.

**EMRO MARKETING 7008-FORMERLY
2200 PLAINFIELD RD
CREST HILL, IL 60403**

**LUST 1000463176
RCRA NonGen / NLR ILD984816439
FINDS
ECHO
BOL**

**Relative:
Lower**

LUST:

**Actual:
621 ft.**

Name: EMRO MARKETING
Address: 2200 PLAINFIELD RD.
City,State,Zip: CREST HILL, IL 60435
Incident Num: 910142
IL EPA Id: 1970255012
Product: Gasoline
IEMA Date: 1991-01-16
Project Manager: Hollis
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Emro Marketing
PRP Contact: R.G. Schumann
PRP Address: P.O. Box 162
PRP City,St,Zip: East Hazel Crest, IL 60429-0162
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1992-03-09
45 Report Received: 1992-03-09
No Further Remediation Letter: 1993-12-20
No Further Remediation Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

RCRA Listings:

Date Form Received by Agency: 20050524
Handler Name: Emro Marketing Unit 7008
Handler Address: 2200 PLAINFIELD RD
Handler City,State,Zip: CREST HILL, IL 60435
EPA ID: ILD984816439
Contact Name: G POOLE
Contact Address: P O BOX 162
Contact City,State,Zip: HAZELCREST, IL 60429
Contact Telephone: 708-335-0600
Contact Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO MARKETING 7008-FORMERLY (Continued)

1000463176

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	DESPLAINES
Mailing Address:	P O BOX 162
Mailing City,State,Zip:	HAZELCREST, IL 60429
Owner Name:	Emro Marketing
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO MARKETING 7008-FORMERLY (Continued)**1000463176**

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: EMRO MARKETING
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EMRO MARKETING
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19910211
Handler Name: EMRO MARKETING UNIT 7008
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050524
Handler Name: EMRO MARKETING UNIT 7008
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO MARKETING 7008-FORMERLY (Continued)

1000463176

List of NAICS Codes and Descriptions:

NAICS Codes:

No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:

No Violations Found

Evaluation Action Summary:

Evaluations:

No Evaluations Found

FINDS:

Registry ID: 110009377619

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000463176
Registry ID: 110009377619
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009377619>
Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD RD
City,State,Zip: CREST HILL, IL 60403

BOL:

Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000393483
Inv Num: 1970255012
Interest Name: Emro Marketing 7008-formerly
Interest Type: BOL
Media Code: LAND
Latitude: 41.561470
Longitude: -88.135960

Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD
City,State,Zip: CREST HILL, IL 60435

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO MARKETING 7008-FORMERLY (Continued)**1000463176**

Site Id: 170000393483
Inv Num: 1970255012
Interest Name: Emro Marketing 7008-formerly
Interest Type: LUST
Media Code: LAND
Latitude: 41.561470
Longitude: -88.135960

Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000393483
Inv Num: 1970255012
Interest Name: Emro Marketing 7008-formerly
Interest Type: RCRA
Media Code: LAND
Latitude: 41.561470
Longitude: -88.135960

3
SSE
1/4-1/2
0.495 mi.
2611 ft.

CONNELLY ICE CREAM
1914 DON MAUR
CREST HILL, IL 60435

LUST **U003671349**
UST **N/A**

Relative:
Lower

LUST:

Actual:
593 ft.

Name: CONNELLY'S ICE CREAM
Address: 1914 DON MAUR DRIVE
City,State,Zip: CREST HILL, IL 60435
Incident Num: 991591
IL EPA Id: 1970255035
Product: Gasoline, Diesel
IEMA Date: 1999-07-01
Project Manager: Schwartzkopf
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Connelly's Ice Cream
PRP Contact: Walter Connelly
PRP Address: 1914 Don Maur Drive
PRP City,St,Zip: Crest Hill, IL 60435
PRP Phone: 8157291954
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1999-10-22
45 Report Received: 1999-12-15
No Further Remediation Letter: 2005-09-06
No Further Remediation Date Recorded: 2005-10-18
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

UST:

Name: CONNELLY ICE CREAM
Address: 1914 DON MAUR
City: CREST HILL
Zip: 60435

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNELLY ICE CREAM (Continued)

U003671349

Facility ID: 2038866
Facility Status: EXEMPT
Facility Type: **NONE**
Owner Id: U0028674
Owner Name: Walter Connelly
Owner Address: 1914 Don Maur
Owner City,St,Zip: Crest Hill, IL 60435

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 1000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 99-1591
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 7/1/1999
Abandoned Date: Not reported

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 1000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 7/1/1999
Abandoned Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4
West
1/4-1/2
0.498 mi.
2632 ft.

AMOCO OIL CO. #15795
RT. 30 & CATON FARM RD.
CREST HILL, IL 60435

LUST **S104004821**
N/A

Relative:
Lower

LUST:

Actual:
626 ft.

Name: AMOCO OIL CO. #15795
Address: RT. 30 & CATON FARM RD.
City,State,Zip: CREST HILL, IL 60435
Incident Num: 921518
IL EPA Id: 1970255015
Product: Gasoline
IEMA Date: 1992-06-05
Project Manager: Rahman
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Amoco Oil Co.
PRP Contact: Lyle Bruce
PRP Address: 28100 Torch Pkwy., 6-S
PRP City,St,Zip: Warrenville, IL 60555
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1992-07-21
45 Report Received: 1992-07-20
No Further Remediation Letter: 2000-04-10
No Further Remediation Date Recorded: 2000-09-05
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Count: 2 records.

ORPHAN SUMMARY

Item 5.

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CREST HILL	U004367464	QUICK RUN CREST HILL	201 CATON FARM RD.	60403	UST
CREST HILL	S116493147	CREST HILL, CITY OF	CATON FARM ROAD & BROADWAY ST	60435	NPDES

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
 Date Data Arrived at EDR: 02/02/1994
 Date Made Active in Reports: 03/30/1994
 Number of Days to Update: 56

Source: EPA
 Telephone: 202-564-4267
 Last EDR Contact: 08/15/2011
 Next Scheduled EDR Contact: 11/28/2011
 Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023
 Date Data Arrived at EDR: 07/06/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 18

Source: EPA
 Telephone: N/A
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2023
 Date Data Arrived at EDR: 06/23/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 89

Source: Environmental Protection Agency
 Telephone: 703-603-8704
 Last EDR Contact: 09/26/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/22/2023
 Date Data Arrived at EDR: 07/06/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 18

Source: EPA
 Telephone: 800-424-9346
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/22/2024
 Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: 312-886-6186
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: 312-886-6186
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023
 Date Data Arrived at EDR: 07/31/2023
 Date Made Active in Reports: 08/14/2023
 Number of Days to Update: 14

Source: Environmental Protection Agency
 Telephone: 312-886-6186
 Last EDR Contact: 09/20/2023
 Next Scheduled EDR Contact: 01/01/2024
 Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
 Date Data Arrived at EDR: 07/31/2023
 Date Made Active in Reports: 08/14/2023
 Number of Days to Update: 14

Source: Environmental Protection Agency
 Telephone: 312-886-6186
 Last EDR Contact: 09/20/2023
 Next Scheduled EDR Contact: 01/01/2024
 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries**LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023
 Date Data Arrived at EDR: 08/07/2023
 Date Made Active in Reports: 10/10/2023
 Number of Days to Update: 64

Source: Department of the Navy
 Telephone: 843-820-7326
 Last EDR Contact: 08/02/2023
 Next Scheduled EDR Contact: 11/20/2023
 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/22/2023
 Date Data Arrived at EDR: 05/23/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 62

Source: Environmental Protection Agency
 Telephone: 703-603-0695
 Last EDR Contact: 08/21/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/22/2023
 Date Data Arrived at EDR: 05/23/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 62

Source: Environmental Protection Agency
 Telephone: 703-603-0695
 Last EDR Contact: 08/21/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

Federal ERNS list**ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/12/2023

Date Data Arrived at EDR: 06/20/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 55

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/20/2023

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities**SSU: State Sites Unit Listing**

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Date of Government Version: 03/23/2022

Date Data Arrived at EDR: 03/23/2022

Date Made Active in Reports: 06/17/2022

Number of Days to Update: 86

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4826

Last EDR Contact: 07/11/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

Lists of state and tribal landfills and solid waste disposal facilities**SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge**

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2021

Date Data Arrived at EDR: 10/19/2022

Date Made Active in Reports: 01/05/2023

Number of Days to Update: 78

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604

Last EDR Contact: 07/17/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Annually

CCDD: Clean Construction or Demolition Debris

Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 09/11/2020

Date Data Arrived at EDR: 10/28/2020

Date Made Active in Reports: 12/09/2020

Number of Days to Update: 42

Source: Illinois EPA

Telephone: 217-524-3300

Last EDR Contact: 10/02/2023

Next Scheduled EDR Contact: 01/15/2024

Data Release Frequency: Varies

LF WMRC: Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001

Date Data Arrived at EDR: 10/06/2006

Date Made Active in Reports: 11/06/2006

Number of Days to Update: 31

Source: Department of Natural Resources

Telephone: 217-333-8940

Last EDR Contact: 09/18/2009

Next Scheduled EDR Contact: 12/28/2009

Data Release Frequency: No Update Planned

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990
 Date Data Arrived at EDR: 06/17/2009
 Date Made Active in Reports: 07/15/2009
 Number of Days to Update: 28

Source: Illinois EPA
 Telephone: 217-782-9288
 Last EDR Contact: 06/10/2009
 Next Scheduled EDR Contact: N/A
 Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988
 Date Data Arrived at EDR: 04/07/2022
 Date Made Active in Reports: 07/01/2022
 Number of Days to Update: 85

Source: Northeastern Illinois Planning Commission
 Telephone: 312-454-0400
 Last EDR Contact: 04/07/2022
 Next Scheduled EDR Contact: 07/18/2022
 Data Release Frequency: No Update Planned

Lists of state and tribal leaking storage tanks**LUST: Leaking Underground Storage Tank Sites**

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/17/2023
 Date Data Arrived at EDR: 07/18/2023
 Date Made Active in Reports: 10/03/2023
 Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
 Telephone: 217-524-3300
 Last EDR Contact: 07/18/2023
 Next Scheduled EDR Contact: 10/30/2023
 Data Release Frequency: Semi-Annually

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
 Date Data Arrived at EDR: 05/09/2023
 Date Made Active in Reports: 07/14/2023
 Number of Days to Update: 66

Source: EPA Region 4
 Telephone: 404-562-8677
 Last EDR Contact: 10/11/2023
 Next Scheduled EDR Contact: 01/29/2024
 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
 Date Data Arrived at EDR: 05/09/2023
 Date Made Active in Reports: 07/14/2023
 Number of Days to Update: 66

Source: EPA Region 1
 Telephone: 617-918-1313
 Last EDR Contact: 10/11/2023
 Next Scheduled EDR Contact: 01/29/2024
 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
 Date Data Arrived at EDR: 05/09/2023
 Date Made Active in Reports: 07/14/2023
 Number of Days to Update: 66

Source: EPA Region 8
 Telephone: 303-312-6271
 Last EDR Contact: 10/11/2023
 Next Scheduled EDR Contact: 01/29/2024
 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

LUST TRUST: Underground Storage Tank Fund Payment Priority List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 06/06/2016	Source: Illinois EPA
Date Data Arrived at EDR: 07/27/2016	Telephone: 217-782-6762
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 10/10/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023

Date Data Arrived at EDR: 03/09/2023

Date Made Active in Reports: 05/30/2023

Number of Days to Update: 82

Source: FEMA

Telephone: 202-646-5797

Last EDR Contact: 10/10/2023

Next Scheduled EDR Contact: 01/15/2024

Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/17/2023

Date Data Arrived at EDR: 07/18/2023

Date Made Active in Reports: 10/03/2023

Number of Days to Update: 77

Source: Illinois State Fire Marshal

Telephone: 217-785-0969

Last EDR Contact: 07/18/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

Listing of all aboveground tanks inspected by Office of State Fire Marshal.

Date of Government Version: 05/01/2023

Date Data Arrived at EDR: 05/16/2023

Date Made Active in Reports: 08/08/2023

Number of Days to Update: 84

Source: State Fire Marshal

Telephone: 217-785-1011

Last EDR Contact: 08/09/2023

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 5

Telephone: 312-886-6136

Last EDR Contact: 10/11/2023

Next Scheduled EDR Contact: 01/29/2024

Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 9

Telephone: 415-972-3368

Last EDR Contact: 10/11/2023

Next Scheduled EDR Contact: 01/29/2024

Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023

Date Data Arrived at EDR: 05/09/2023

Date Made Active in Reports: 07/14/2023

Number of Days to Update: 66

Source: EPA Region 4

Telephone: 404-562-9424

Last EDR Contact: 10/11/2023

Next Scheduled EDR Contact: 01/29/2024

Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 06/26/2023	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2023	Telephone: 217-782-6761
Date Made Active in Reports: 09/13/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 06/26/2023

Date Data Arrived at EDR: 06/26/2023

Date Made Active in Reports: 09/13/2023

Number of Days to Update: 79

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761

Last EDR Contact: 09/26/2023

Next Scheduled EDR Contact: 01/08/2024

Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites**INDIAN VCP R1: Voluntary Cleanup Priority Listing**

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Date Data Arrived at EDR: 09/29/2015

Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1

Telephone: 617-918-1102

Last EDR Contact: 09/12/2023

Next Scheduled EDR Contact: 01/01/2024

Data Release Frequency: Varies

SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 06/26/2023

Date Data Arrived at EDR: 06/26/2023

Date Made Active in Reports: 09/13/2023

Number of Days to Update: 79

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407

Last EDR Contact: 09/26/2023

Next Scheduled EDR Contact: 01/08/2024

Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7

Telephone: 913-551-7365

Last EDR Contact: 07/08/2021

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

Lists of state and tribal brownfield sites**BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions**

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 02/11/2010

Date Data Arrived at EDR: 07/31/2014

Date Made Active in Reports: 09/08/2014

Number of Days to Update: 39

Source: Illinois Environmental Protection Agency

Telephone: 217-785-3486

Last EDR Contact: 07/20/2023

Next Scheduled EDR Contact: 10/30/2023

Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 07/17/2023
 Date Data Arrived at EDR: 07/18/2023
 Date Made Active in Reports: 10/03/2023
 Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
 Telephone: 217-524-1658
 Last EDR Contact: 07/18/2023
 Next Scheduled EDR Contact: 10/30/2023
 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
 Date Data Arrived at EDR: 04/13/2023
 Date Made Active in Reports: 04/19/2023
 Number of Days to Update: 6

Source: Environmental Protection Agency
 Telephone: 202-566-2777
 Last EDR Contact: 08/30/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
 Date Data Arrived at EDR: 12/03/2007
 Date Made Active in Reports: 01/24/2008
 Number of Days to Update: 52

Source: Environmental Protection Agency
 Telephone: 703-308-8245
 Last EDR Contact: 07/19/2023
 Next Scheduled EDR Contact: 11/06/2023
 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
 Date Data Arrived at EDR: 05/07/2009
 Date Made Active in Reports: 09/21/2009
 Number of Days to Update: 137

Source: EPA, Region 9
 Telephone: 415-947-4219
 Last EDR Contact: 10/10/2023
 Next Scheduled EDR Contact: 01/29/2024
 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
 Date Data Arrived at EDR: 08/09/2004
 Date Made Active in Reports: 09/17/2004
 Number of Days to Update: 39

Source: Environmental Protection Agency
 Telephone: 800-424-9346
 Last EDR Contact: 06/09/2004
 Next Scheduled EDR Contact: N/A
 Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites**US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 07/01/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

Local Land Records**LIENS 2: CERCLA Lien Information**

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports**HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/19/2023
 Date Data Arrived at EDR: 06/23/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 89

Source: U.S. Department of Transportation
 Telephone: 202-366-4555
 Last EDR Contact: 09/20/2023
 Next Scheduled EDR Contact: 01/01/2024
 Data Release Frequency: Quarterly

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 07/06/2023
 Date Data Arrived at EDR: 07/07/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 75

Source: Illinois EPA
 Telephone: 217-782-3637
 Last EDR Contact: 09/27/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Semi-Annually

IEMA SPILLS: Illinois Emergency Management Agency Spills

A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 04/24/2023
 Date Data Arrived at EDR: 04/25/2023
 Date Made Active in Reports: 07/13/2023
 Number of Days to Update: 79

Source: Illinois Emergency Management Agency
 Telephone: 217-524-0770
 Last EDR Contact: 07/25/2023
 Next Scheduled EDR Contact: 11/06/2023
 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/18/2012
 Date Data Arrived at EDR: 01/03/2013
 Date Made Active in Reports: 03/15/2013
 Number of Days to Update: 71

Source: FirstSearch
 Telephone: N/A
 Last EDR Contact: 01/03/2013
 Next Scheduled EDR Contact: N/A
 Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
 Date Data Arrived at EDR: 07/31/2023
 Date Made Active in Reports: 08/14/2023
 Number of Days to Update: 14

Source: Environmental Protection Agency
 Telephone: 312-886-6186
 Last EDR Contact: 09/20/2023
 Next Scheduled EDR Contact: 01/01/2024
 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/07/2023
 Date Data Arrived at EDR: 08/15/2023
 Date Made Active in Reports: 10/10/2023
 Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
 Telephone: 202-528-4285
 Last EDR Contact: 08/15/2023
 Next Scheduled EDR Contact: 11/27/2023
 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 10/09/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/04/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 08/01/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2023	Telephone: 202-566-1917
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/31/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/03/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 09/15/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 08/18/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/17/2023	Source: EPA
Date Data Arrived at EDR: 07/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 07/18/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 703-416-0223
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/09/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-8600
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 09/26/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 10/06/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
 Date Data Arrived at EDR: 04/16/2009
 Date Made Active in Reports: 05/11/2009
 Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
 Telephone: 202-566-1667
 Last EDR Contact: 08/18/2017
 Next Scheduled EDR Contact: 12/04/2017
 Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
 Date Data Arrived at EDR: 04/16/2009
 Date Made Active in Reports: 05/11/2009
 Number of Days to Update: 25

Source: EPA
 Telephone: 202-566-1667
 Last EDR Contact: 08/18/2017
 Next Scheduled EDR Contact: 12/04/2017
 Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
 Date Data Arrived at EDR: 09/01/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 19

Source: Nuclear Regulatory Commission
 Telephone: 301-415-0717
 Last EDR Contact: 10/10/2023
 Next Scheduled EDR Contact: 01/29/2024
 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
 Date Data Arrived at EDR: 04/14/2023
 Date Made Active in Reports: 07/10/2023
 Number of Days to Update: 87

Source: Department of Energy
 Telephone: 202-586-8719
 Last EDR Contact: 09/01/2023
 Next Scheduled EDR Contact: 12/11/2023
 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
 Date Data Arrived at EDR: 03/05/2019
 Date Made Active in Reports: 11/11/2019
 Number of Days to Update: 251

Source: Environmental Protection Agency
 Telephone: N/A
 Last EDR Contact: 08/28/2023
 Next Scheduled EDR Contact: 12/11/2023
 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
 Date Data Arrived at EDR: 11/06/2019
 Date Made Active in Reports: 02/10/2020
 Number of Days to Update: 96

Source: Environmental Protection Agency
 Telephone: 202-566-0517
 Last EDR Contact: 08/03/2023
 Next Scheduled EDR Contact: 11/13/2023
 Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
 Date Data Arrived at EDR: 07/01/2019
 Date Made Active in Reports: 09/23/2019
 Number of Days to Update: 84

Source: Environmental Protection Agency
 Telephone: 202-343-9775
 Last EDR Contact: 09/22/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
 Date Data Arrived at EDR: 03/01/2007
 Date Made Active in Reports: 04/10/2007
 Number of Days to Update: 40

Source: Environmental Protection Agency
 Telephone: 202-564-2501
 Last EDR Contact: 12/17/2007
 Next Scheduled EDR Contact: 03/17/2008
 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
 Date Data Arrived at EDR: 03/01/2007
 Date Made Active in Reports: 04/10/2007
 Number of Days to Update: 40

Source: Environmental Protection Agency
 Telephone: 202-564-2501
 Last EDR Contact: 12/17/2008
 Next Scheduled EDR Contact: 03/17/2008
 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
 Date Data Arrived at EDR: 01/28/2020
 Date Made Active in Reports: 04/17/2020
 Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
 Telephone: 202-366-4595
 Last EDR Contact: 10/04/2023
 Next Scheduled EDR Contact: 11/06/2023
 Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2023
 Date Data Arrived at EDR: 07/19/2023
 Date Made Active in Reports: 10/10/2023
 Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
 Telephone: Varies
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
 Date Data Arrived at EDR: 03/09/2023
 Date Made Active in Reports: 03/20/2023
 Number of Days to Update: 11

Source: EPA/NTIS
 Telephone: 800-424-9346
 Last EDR Contact: 09/20/2023
 Next Scheduled EDR Contact: 01/01/2024
 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
 Date Data Arrived at EDR: 07/14/2015
 Date Made Active in Reports: 01/10/2017
 Number of Days to Update: 546

Source: USGS
 Telephone: 202-208-3710
 Last EDR Contact: 10/02/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
 Date Data Arrived at EDR: 03/03/2023
 Date Made Active in Reports: 06/09/2023
 Number of Days to Update: 98

Source: Department of Energy
 Telephone: 202-586-3559
 Last EDR Contact: 07/26/2023
 Next Scheduled EDR Contact: 11/13/2023
 Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
 Date Data Arrived at EDR: 11/15/2019
 Date Made Active in Reports: 01/28/2020
 Number of Days to Update: 74

Source: Department of Energy
 Telephone: 505-845-0011
 Last EDR Contact: 08/10/2023
 Next Scheduled EDR Contact: 11/27/2023
 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023
 Date Data Arrived at EDR: 07/06/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 18

Source: Environmental Protection Agency
 Telephone: 703-603-8787
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
 Date Data Arrived at EDR: 10/27/2010
 Date Made Active in Reports: 12/02/2010
 Number of Days to Update: 36

Source: American Journal of Public Health
 Telephone: 703-305-6451
 Last EDR Contact: 12/02/2009
 Next Scheduled EDR Contact: N/A
 Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
 Date Data Arrived at EDR: 10/26/2016
 Date Made Active in Reports: 02/03/2017
 Number of Days to Update: 100

Source: EPA
 Telephone: 202-564-2496
 Last EDR Contact: 09/26/2017
 Next Scheduled EDR Contact: 01/08/2018
 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
 Date Data Arrived at EDR: 10/26/2016
 Date Made Active in Reports: 02/03/2017
 Number of Days to Update: 100

Source: EPA
 Telephone: 202-564-2496
 Last EDR Contact: 09/26/2017
 Next Scheduled EDR Contact: 01/08/2018
 Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2023
 Date Data Arrived at EDR: 05/24/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
 Telephone: 303-231-5959
 Last EDR Contact: 08/22/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 09/25/2023
 Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admini
 Telephone: 202-693-9424
 Last EDR Contact: 10/04/2023
 Next Scheduled EDR Contact: 11/20/2023
 Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
 Date Data Arrived at EDR: 02/24/2023
 Date Made Active in Reports: 05/17/2023
 Number of Days to Update: 82

Source: USGS
 Telephone: 703-648-7709
 Last EDR Contact: 08/24/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
 Date Data Arrived at EDR: 06/08/2011
 Date Made Active in Reports: 09/13/2011
 Number of Days to Update: 97

Source: USGS
 Telephone: 703-648-7709
 Last EDR Contact: 08/24/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023
 Date Data Arrived at EDR: 06/14/2023
 Date Made Active in Reports: 08/14/2023
 Number of Days to Update: 61

Source: Department of Interior
 Telephone: 202-208-2609
 Last EDR Contact: 09/12/2023
 Next Scheduled EDR Contact: 12/18/2023
 Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
 Mineral Resources Data System

Date of Government Version: 08/23/2022
 Date Data Arrived at EDR: 11/22/2022
 Date Made Active in Reports: 02/28/2023
 Number of Days to Update: 98

Source: USGS
 Telephone: 703-648-6533
 Last EDR Contact: 08/24/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/04/2023
 Date Data Arrived at EDR: 05/25/2023
 Date Made Active in Reports: 07/24/2023
 Number of Days to Update: 60

Source: EPA
 Telephone: (312) 353-2000
 Last EDR Contact: 09/28/2023
 Next Scheduled EDR Contact: 12/11/2023
 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
 Date Data Arrived at EDR: 06/29/2023
 Date Made Active in Reports: 09/25/2023
 Number of Days to Update: 88

Source: Environmental Protection Agency
 Telephone: 202-564-2280
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
 Date Data Arrived at EDR: 05/21/2021
 Date Made Active in Reports: 08/11/2021
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: 202-564-0527
 Last EDR Contact: 08/15/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
 Date Data Arrived at EDR: 10/20/2022
 Date Made Active in Reports: 01/10/2023
 Number of Days to Update: 82

Source: Department of Defense
 Telephone: 703-704-1564
 Last EDR Contact: 09/13/2023
 Next Scheduled EDR Contact: 01/22/2024
 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 10/02/2023
 Number of Days to Update: 89

Source: Environmental Protection Agency
 Telephone: 202-272-0167
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
 Date Data Arrived at EDR: 03/17/2021
 Date Made Active in Reports: 11/08/2022
 Number of Days to Update: 601

Source: Department of Health & Human Services
 Telephone: 202-741-5770
 Last EDR Contact: 07/19/2023
 Next Scheduled EDR Contact: 11/06/2023
 Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
 Date Data Arrived at EDR: 10/03/2023
 Date Made Active in Reports: 10/10/2023
 Number of Days to Update: 7

Source: Environmental Protection Agency
 Telephone: 202-272-0167
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 10/02/2023
 Number of Days to Update: 89

Source: Environmental Protection Agency
 Telephone: 202-272-0167
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 09/25/2023
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: 202-272-0167
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 09/25/2023
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: 202-272-0167
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 09/25/2023
 Number of Days to Update: 82

Source: Environmental Protection Agency
 Telephone: 202-272-0167
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/06/2023
 Date Made Active in Reports: 09/25/2023
 Number of Days to Update: 81

Source: Environmental Protection Agency
 Telephone: 202-267-2675
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
 Date Data Arrived at EDR: 08/05/2011
 Date Made Active in Reports: 09/29/2011
 Number of Days to Update: 55

Source: EPA, Office of Water
 Telephone: 202-564-2496
 Last EDR Contact: 09/28/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
 Date Data Arrived at EDR: 02/05/2015
 Date Made Active in Reports: 03/06/2015
 Number of Days to Update: 29

Source: EPA
 Telephone: 202-564-2497
 Last EDR Contact: 09/28/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
 Date Data Arrived at EDR: 07/18/2023
 Date Made Active in Reports: 08/28/2023
 Number of Days to Update: 41

Source: Environmental Protection Agency
 Telephone: 202-564-4700
 Last EDR Contact: 10/03/2023
 Next Scheduled EDR Contact: 10/30/2023
 Data Release Frequency: Varies

PFAS: PFAS Sampling Listing

The Illinois Environmental Protection Agency (Illinois EPA) has conducted statewide investigations into the prevalence and occurrence of Per- and Polyfluoroalkyl Substances (PFAS) contamination.

Date of Government Version: 06/28/2023
 Date Data Arrived at EDR: 07/07/2023
 Date Made Active in Reports: 07/20/2023
 Number of Days to Update: 13

Source: Illinois Environmental Protection Agency
 Telephone: 217-524-3038
 Last EDR Contact: 09/07/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Varies

AIRS: Air Inventory Listing

A listing of air permits and emissions information.

Date of Government Version: 07/05/2023
 Date Data Arrived at EDR: 07/06/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 76

Source: Illinois EPA
 Telephone: 217-557-0314
 Last EDR Contact: 09/21/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Tracker Information

A listing of asbestos abatement & demolition project site locations in the state.

Date of Government Version: 06/16/2023
 Date Data Arrived at EDR: 07/05/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 77

Source: Illinois EPA
 Telephone: 217-558-5101
 Last EDR Contact: 09/21/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Varies

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 12/02/2021
 Date Data Arrived at EDR: 12/14/2021
 Date Made Active in Reports: 03/01/2022
 Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
 Telephone: 217-785-9407
 Last EDR Contact: 08/15/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing

A listing of coal ash site locations.

Date of Government Version: 10/01/2011
 Date Data Arrived at EDR: 03/09/2012
 Date Made Active in Reports: 04/10/2012
 Number of Days to Update: 32

Source: Illinois EPA
 Telephone: 217-782-1654
 Last EDR Contact: 08/15/2023
 Next Scheduled EDR Contact: 12/04/2023
 Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 05/02/2023
 Date Data Arrived at EDR: 05/09/2023
 Date Made Active in Reports: 08/02/2023
 Number of Days to Update: 85

Source: Drycleaner Environmental Response Trust Fund of Illinois
 Telephone: 800-765-4041
 Last EDR Contact: 08/15/2023
 Next Scheduled EDR Contact: 11/27/2023
 Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/22/2023
 Date Data Arrived at EDR: 08/24/2023
 Date Made Active in Reports: 09/20/2023
 Number of Days to Update: 27

Source: Illinois Environmental Protection Agency
 Telephone: 217-782-9887
 Last EDR Contact: 08/09/2023
 Next Scheduled EDR Contact: 11/27/2023
 Data Release Frequency: No Update Planned

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2019
 Date Data Arrived at EDR: 05/11/2021
 Date Made Active in Reports: 08/02/2021
 Number of Days to Update: 83

Source: Illinois EPA
 Telephone: 217-524-3300
 Last EDR Contact: 09/27/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Annually

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980
 Date Data Arrived at EDR: 03/08/2002
 Date Made Active in Reports: 06/03/2002
 Number of Days to Update: 87

Source: Illinois Waste Management & Research Center
 Telephone: 217-333-8940
 Last EDR Contact: 05/12/2022
 Next Scheduled EDR Contact: 08/22/2022
 Data Release Frequency: No Update Planned

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 04/16/2014
 Date Data Arrived at EDR: 04/18/2014
 Date Made Active in Reports: 05/20/2014
 Number of Days to Update: 32

Source: Illinois EPA
 Telephone: 217-782-0610
 Last EDR Contact: 09/21/2023
 Next Scheduled EDR Contact: 01/08/2024
 Data Release Frequency: Varies

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 06/08/2023
 Date Data Arrived at EDR: 06/14/2023
 Date Made Active in Reports: 09/01/2023
 Number of Days to Update: 79

Source: Illinois EPA
 Telephone: 217-524-3289
 Last EDR Contact: 09/11/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2022
 Date Data Arrived at EDR: 05/09/2023
 Date Made Active in Reports: 08/02/2023
 Number of Days to Update: 85

Source: Illinois Emergency Management Agency
 Telephone: 217-785-9860
 Last EDR Contact: 08/07/2023
 Next Scheduled EDR Contact: 11/20/2023
 Data Release Frequency: Annually

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 08/30/2021

Date Data Arrived at EDR: 12/15/2021

Date Made Active in Reports: 03/01/2022

Number of Days to Update: 76

Source: Illinois EPA

Telephone: 217-782-9878

Last EDR Contact: 08/09/2023

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS***EDR Exclusive Records*****EDR MGP: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES***Exclusive Recovered Govt. Archives*****RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List**

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS**COOK COUNTY:****CHICAGO ASBESTOS: CDPH Asbestos and Demolition Notification Listing**

Notices of Intent (NOI) for demolition and asbestos abatement per Chapter 11-4 Article XVIII of the Municipal Code (see American Legal Publishing Corporation) submitted to the Department of Environment (DOE) for work started January, 1993 to December 31, 2011 or submitted to the Department of Public Health (CDPH) for work beginning on or after January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 06/08/2023	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 06/13/2023	Telephone: 312-747-9884
Date Made Active in Reports: 08/31/2023	Last EDR Contact: 09/12/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Varies

CHICAGO COMPLAINTS: CDPH Environmental Complaints Listing

Environmental complaints received by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 08/23/2023	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 08/31/2023	Telephone: 312-747-9884
Date Made Active in Reports: 09/21/2023	Last EDR Contact: 08/30/2023
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Varies

CHICAGO ENF: CDPH Environmental Enforcement Listing

Municipal and State code violation notices issued by the Department of Environment (DOE) from January, 1993 to December 31, 2012 and by the Department of Public Health (CDPH) Permitting and Inspections unit since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 05/31/2023
 Date Data Arrived at EDR: 06/13/2023
 Date Made Active in Reports: 08/31/2023
 Number of Days to Update: 79

Source: Chicago Department of Public Health
 Telephone: 312-747-9884
 Last EDR Contact: 09/12/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Varies

CHICAGO INSPECT: CDPH Environmental Inspections Listing

Inspections conducted by the Department of Environment (DOE) from April, 1997 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the Department of Environment was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 05/31/2023
 Date Data Arrived at EDR: 06/13/2023
 Date Made Active in Reports: 09/01/2023
 Number of Days to Update: 80

Source: Chicago Department of Public Health
 Telephone: 312-747-9884
 Last EDR Contact: 09/12/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Varies

CHICAGO PERMITS: CDPH Environmental Permits Listing

Permits issued by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. This dataset also includes tank permits issued by CDPH on behalf of the Office of the Illinois State Fire Marshall (OSFM). On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 05/31/2023
 Date Data Arrived at EDR: 06/13/2023
 Date Made Active in Reports: 09/01/2023
 Number of Days to Update: 80

Source: Chicago Department of Public Health
 Telephone: 312-747-9884
 Last EDR Contact: 09/12/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Varies

CHICAGO TANKS: CDPH Storage Tanks Listing

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Date of Government Version: 05/31/2023
 Date Data Arrived at EDR: 06/13/2023
 Date Made Active in Reports: 07/18/2023
 Number of Days to Update: 35

Source: Department of Public Health
 Telephone: 312-747-2374
 Last EDR Contact: 09/12/2023
 Next Scheduled EDR Contact: 12/25/2023
 Data Release Frequency: Quarterly

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a treatment, storage, and disposal facility.

Date of Government Version: 11/16/2022
 Date Data Arrived at EDR: 11/16/2022
 Date Made Active in Reports: 02/06/2023
 Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
 Telephone: 860-424-3375
 Last EDR Contact: 08/08/2023
 Next Scheduled EDR Contact: 11/20/2023
 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
 Date Data Arrived at EDR: 04/10/2019
 Date Made Active in Reports: 05/16/2019
 Number of Days to Update: 36

Source: Department of Environmental Protection
 Telephone: N/A
 Last EDR Contact: 09/28/2023
 Next Scheduled EDR Contact: 01/15/2024
 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
 Date Data Arrived at EDR: 10/29/2021
 Date Made Active in Reports: 01/19/2022
 Number of Days to Update: 82

Source: Department of Environmental Conservation
 Telephone: 518-402-8651
 Last EDR Contact: 07/27/2023
 Next Scheduled EDR Contact: 11/06/2023
 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
 Date Data Arrived at EDR: 07/19/2019
 Date Made Active in Reports: 09/10/2019
 Number of Days to Update: 53

Source: Department of Environmental Protection
 Telephone: 717-783-8990
 Last EDR Contact: 10/05/2023
 Next Scheduled EDR Contact: 01/22/2024
 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
 Date Data Arrived at EDR: 11/30/2021
 Date Made Active in Reports: 02/18/2022
 Number of Days to Update: 80

Source: Department of Environmental Management
 Telephone: 401-222-2797
 Last EDR Contact: 08/10/2022
 Next Scheduled EDR Contact: 11/27/2023
 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
 Date Data Arrived at EDR: 06/19/2019
 Date Made Active in Reports: 09/03/2019
 Number of Days to Update: 76

Source: Department of Natural Resources
 Telephone: N/A
 Last EDR Contact: 08/30/2023
 Next Scheduled EDR Contact: 12/18/2023
 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services

Telephone: 312-814-4150

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Illinois State Geological Survey

Telephone: 217-333-4747

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM**TARGET PROPERTY ADDRESS**

CREST HILL - CIRCLE GREEN
2323 CIRCLE ST
CREST HILL, IL 60403

TARGET PROPERTY COORDINATES

Latitude (North):	41.565322 - 41° 33' 55.16"
Longitude (West):	88.132364 - 88° 7' 56.51"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	405581.5
UTM Y (Meters):	4601922.5
Elevation:	630 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	10705988 PLAINFIELD, IL
Version Date:	2018
East Map:	10705952 JOLIET, IL
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

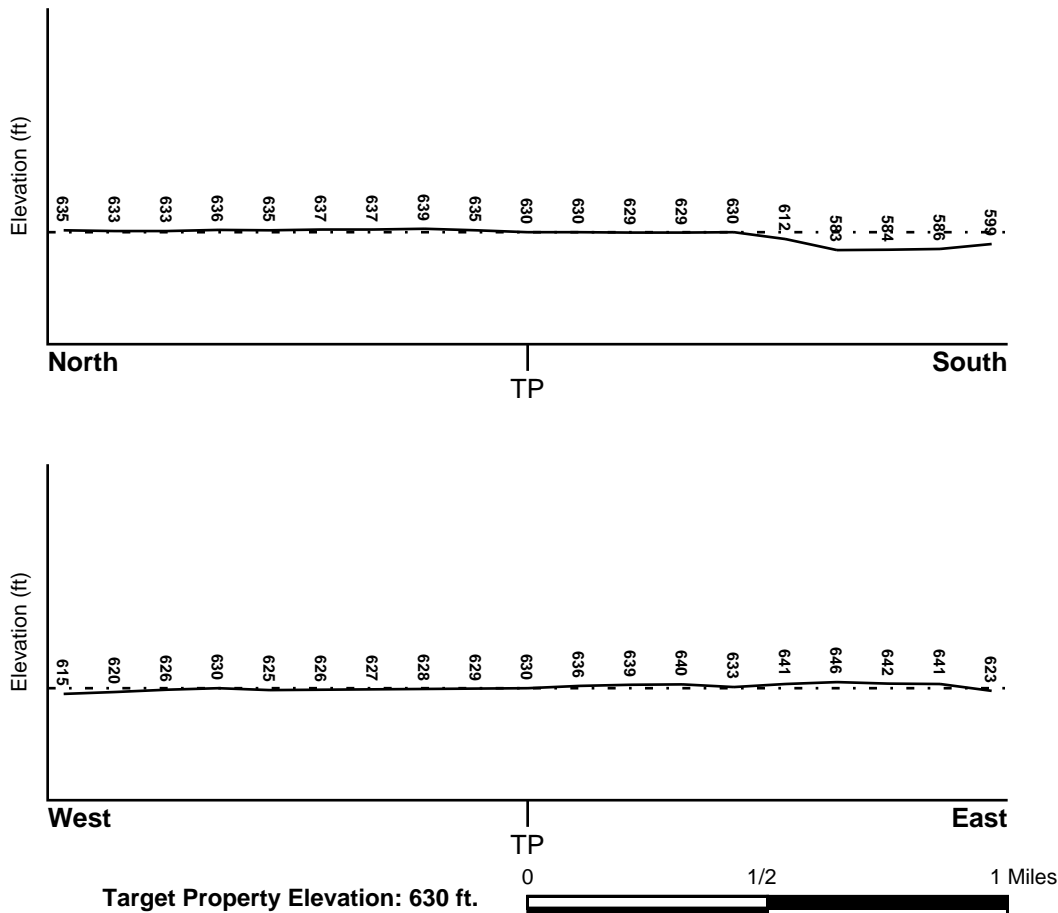
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
17197C0134E	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
17197C0153E	FEMA Q3 Flood data
17197C0142E	FEMA Q3 Flood data
17197C0161E	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
PLAINFIELD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Silurian
Series:	Middle Silurian (Niagoaran)
Code:	S2 (decoded above as Era, System & Series)

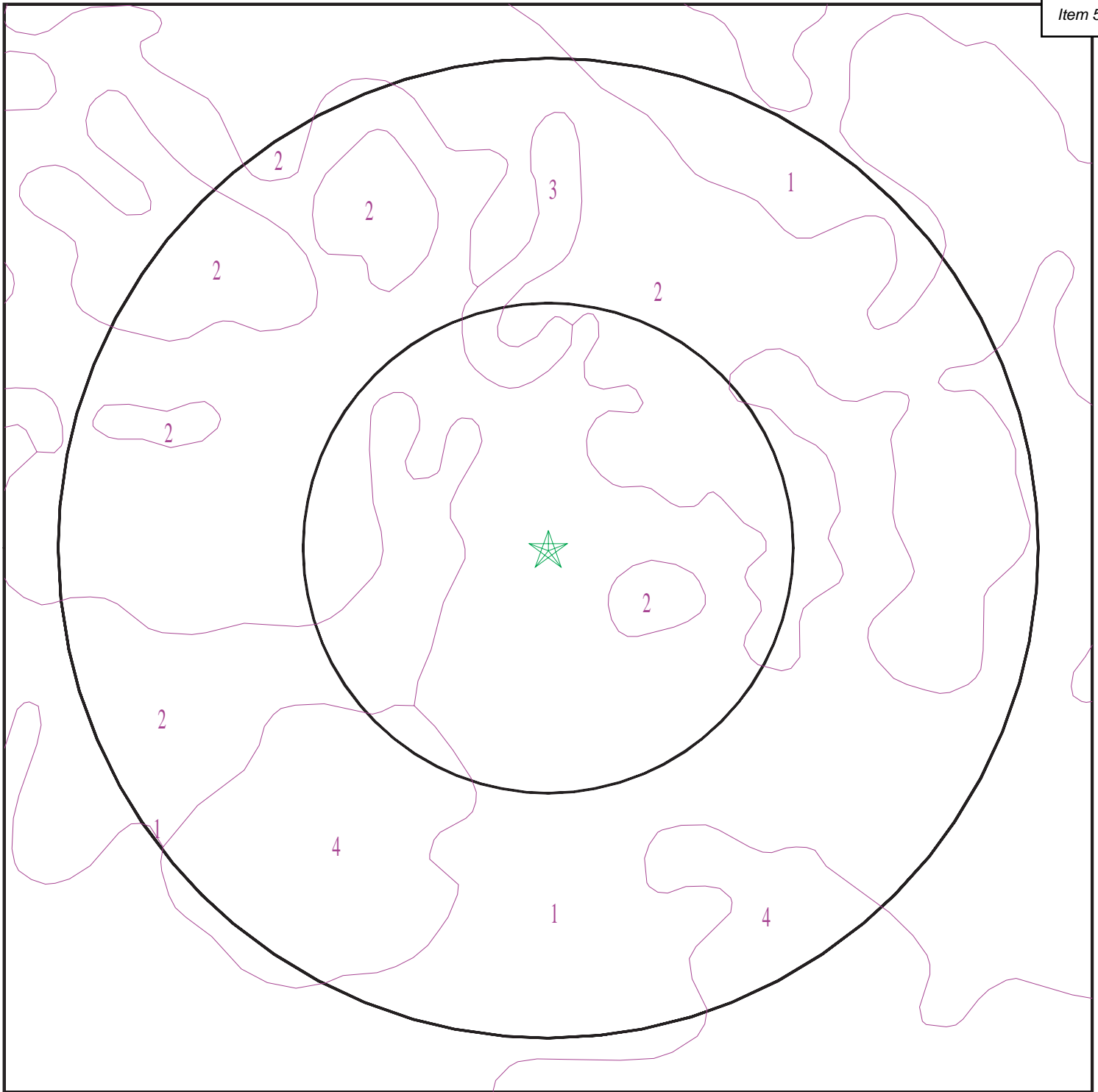
GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7469530.9s

Item 5.



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Crest Hill - Circle Green
ADDRESS: 2323 Circle St
Crest Hill IL 60403
LAT/LONG: 41.565322 / 88.132364

CLIENT: V3 Companies of IL, LTD
CONTACT: Jonathan D Shuptar
INQUIRY #: 7469530.9s
DATE: October 13, 2023 11:10 am

607

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Ashkum

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	53 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
2	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
3	11 inches	29 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
4	29 inches	53 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4.23 Min: 1.41	Max: 7.8 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Symerton

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 89 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	35 inches	38 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	14 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
4	18 inches	35 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
5	38 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Symerton

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 79 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	7 inches	31 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	31 inches	40 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
4	40 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Elliott

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 41 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	9 inches	12 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	12 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
4	16 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
5	35 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D11	USGS40000298676	1/8 - 1/4 Mile ESE
H26	USGS40000298672	1/4 - 1/2 Mile WSW
AE171	USGS40000298688	1/2 - 1 Mile WNW
AD182	USGS40000298687	1/2 - 1 Mile WNW
AW253	USGS40000298692	1/2 - 1 Mile NW
AR255	USGS40000298649	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D12	IL1970250	1/8 - 1/4 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	ILPW56003	0 - 1/8 Mile NNW
A2	ILSG40000345585	0 - 1/8 Mile SSW
A3	ILSG40000345577	0 - 1/8 Mile West
4	ILSG40000333245	0 - 1/8 Mile NNW
B5	ILSG40000345575	0 - 1/8 Mile SW
6	ILSG40000345580	0 - 1/8 Mile East
7	ILSG40000345578	1/8 - 1/4 Mile WSW
B8	ILSG40000345590	1/8 - 1/4 Mile SW
9	ILSG40000345581	1/8 - 1/4 Mile SW
C10	ILSG40000345579	1/8 - 1/4 Mile West
D13	ILEPAC700002180	1/8 - 1/4 Mile SE
C14	ILPW56005	1/8 - 1/4 Mile West
15	ILSG40000345576	1/8 - 1/4 Mile WSW
E16	ILSG40000356277	1/4 - 1/2 Mile East
17	ILSG40000339993	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E18	ILSG40000356276	1/4 - 1/2 Mile ENE
F19	ILSG40000345582	1/4 - 1/2 Mile SW
F20	ILSG40000355635	1/4 - 1/2 Mile SW
G21	ILSG40000351414	1/4 - 1/2 Mile SSW
G22	ILEPANC70002747	1/4 - 1/2 Mile SSW
23	ILSG40000345586	1/4 - 1/2 Mile West
24	ILSG40000351732	1/4 - 1/2 Mile ENE
25	ILSG40000333693	1/4 - 1/2 Mile SSE
27	ILPW56033	1/4 - 1/2 Mile East
I28	ILSG40000355634	1/4 - 1/2 Mile South
29	ILPW56035	1/4 - 1/2 Mile SSW
I30	ILSG40000355665	1/4 - 1/2 Mile South
J31	ILSG40000354248	1/4 - 1/2 Mile West
I32	ILPW56020	1/4 - 1/2 Mile South
I33	ILPW56019	1/4 - 1/2 Mile South
I34	ILPW56024	1/4 - 1/2 Mile South
I35	ILPW56017	1/4 - 1/2 Mile South
I36	ILPW56018	1/4 - 1/2 Mile South
I37	ILPW56030	1/4 - 1/2 Mile South
I38	ILPW56027	1/4 - 1/2 Mile South
I39	ILPW56026	1/4 - 1/2 Mile South
I40	ILPW56025	1/4 - 1/2 Mile South
I41	ILPW56029	1/4 - 1/2 Mile South
I42	ILPW56031	1/4 - 1/2 Mile South
I43	ILPW56028	1/4 - 1/2 Mile South
I44	ILPW56022	1/4 - 1/2 Mile South
I45	ILPW56023	1/4 - 1/2 Mile South
I46	ILPW56021	1/4 - 1/2 Mile South
I47	ILPW56016	1/4 - 1/2 Mile South
I48	ILSG40000355664	1/4 - 1/2 Mile South
J49	ILSG40000352092	1/4 - 1/2 Mile WNW
K50	ILPW56037	1/4 - 1/2 Mile West
H51	ILEPAC700002181	1/4 - 1/2 Mile SW
52	ILPW56000	1/4 - 1/2 Mile NE
H53	ILSG40000333682	1/4 - 1/2 Mile SW
I54	ILSG40000355663	1/4 - 1/2 Mile South
I55	ILSG40000355657	1/4 - 1/2 Mile South
J56	ILSG40000344160	1/4 - 1/2 Mile WNW
I57	ILSG40000355656	1/4 - 1/2 Mile South
L58	ILSG40000355662	1/4 - 1/2 Mile South
59	ILSG40000345589	1/4 - 1/2 Mile WSW
60	ILPW56006	1/4 - 1/2 Mile NNW
L61	ILSG40000355642	1/4 - 1/2 Mile South
K62	ILSG40000347671	1/4 - 1/2 Mile West
K63	ILSG40000347673	1/4 - 1/2 Mile West
K64	ILSG40000347672	1/4 - 1/2 Mile West
L65	ILSG40000355655	1/4 - 1/2 Mile South
L66	ILSG40000355661	1/4 - 1/2 Mile South
J67	ILSG40000348122	1/4 - 1/2 Mile West
J68	ILSG40000349055	1/4 - 1/2 Mile West
J69	ILSG40000347487	1/4 - 1/2 Mile West
J70	ILSG40000344159	1/4 - 1/2 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
J71	ILSG40000358187	1/4 - 1/2 Mile WNW
L72	ILSG40000345587	1/4 - 1/2 Mile South
L73	ILSG40000345591	1/4 - 1/2 Mile South
L74	ILSG40000345592	1/4 - 1/2 Mile South
L75	ILSG40000345588	1/4 - 1/2 Mile South
L76	ILSG40000345584	1/4 - 1/2 Mile South
L77	ILSG40000355654	1/4 - 1/2 Mile South
L78	ILSG40000355660	1/4 - 1/2 Mile South
M79	ILSG40000354336	1/4 - 1/2 Mile WNW
L80	ILSG40000355641	1/4 - 1/2 Mile South
L81	ILSG40000355653	1/4 - 1/2 Mile South
M82	ILSG40000354767	1/4 - 1/2 Mile WNW
L83	ILSG40000355659	1/4 - 1/2 Mile South
L84	ILSG40000355652	1/4 - 1/2 Mile South
N85	ILSG40000353397	1/4 - 1/2 Mile WNW
M86	ILSG40000347247	1/4 - 1/2 Mile WNW
L87	ILSG40000355658	1/4 - 1/2 Mile South
M88	ILSG40000339545	1/4 - 1/2 Mile WNW
89	ILSG40000337126	1/4 - 1/2 Mile East
J90	ILSG40000351645	1/4 - 1/2 Mile WNW
O91	ILSG40000346828	1/4 - 1/2 Mile West
N92	ILSG40000339992	1/2 - 1 Mile WNW
93	ILPW56001	1/2 - 1 Mile NE
P94	ILSG40000355651	1/2 - 1 Mile South
M95	ILSG40000345573	1/2 - 1 Mile WNW
P96	ILSG40000355650	1/2 - 1 Mile SSE
97	ILPW56032	1/2 - 1 Mile SE
Q98	ILSG40000358508	1/2 - 1 Mile WNW
99	ILSG40000347486	1/2 - 1 Mile ENE
100	ILSG40000356631	1/2 - 1 Mile North
P101	ILSG40000355649	1/2 - 1 Mile SSE
P102	ILSG40000355640	1/2 - 1 Mile SSE
103	ILSG40000345583	1/2 - 1 Mile WSW
O104	ILEPANC70001050	1/2 - 1 Mile West
R105	ILPW55998	1/2 - 1 Mile North
R106	ILPW55999	1/2 - 1 Mile North
R107	ILPW55997	1/2 - 1 Mile North
Q108	ILSG40000354168	1/2 - 1 Mile WNW
P109	ILSG40000355648	1/2 - 1 Mile SSE
P110	ILSG40000355633	1/2 - 1 Mile SSE
Q111	ILSG40000356049	1/2 - 1 Mile WNW
112	ILPW56038	1/2 - 1 Mile WSW
113	ILSG40000340736	1/2 - 1 Mile NW
S114	ILSG40000358186	1/2 - 1 Mile WNW
P115	ILSG40000355647	1/2 - 1 Mile SSE
P116	ILSG40000355639	1/2 - 1 Mile SSE
T117	ILSG40000356280	1/2 - 1 Mile East
T118	ILSG40000356279	1/2 - 1 Mile East
U119	ILSG40000355646	1/2 - 1 Mile SSE
V120	ILSG40000353753	1/2 - 1 Mile West
121	ILSG40000353888	1/2 - 1 Mile NE
V122	ILSG40000351389	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
V123	ILSG40000351386	1/2 - 1 Mile West
V124	ILSG40000334245	1/2 - 1 Mile West
V125	ILSG40000334431	1/2 - 1 Mile West
V126	ILSG40000339519	1/2 - 1 Mile West
V127	ILSG40000351388	1/2 - 1 Mile West
S128	ILSG40000354221	1/2 - 1 Mile WNW
U129	ILSG40000355645	1/2 - 1 Mile SSE
V130	ILPW56013	1/2 - 1 Mile West
V131	ILPW56007	1/2 - 1 Mile West
V132	ILPW56012	1/2 - 1 Mile West
V133	ILPW56014	1/2 - 1 Mile West
V134	ILPW56009	1/2 - 1 Mile West
V135	ILPW56008	1/2 - 1 Mile West
V136	ILPW56010	1/2 - 1 Mile West
V137	ILPW56011	1/2 - 1 Mile West
V138	ILSG40000349041	1/2 - 1 Mile WNW
U139	ILSG40000355644	1/2 - 1 Mile SSE
U140	ILSG40000355643	1/2 - 1 Mile SSE
W141	ILSG40000333810	1/2 - 1 Mile East
X142	ILSG40000343774	1/2 - 1 Mile WNW
X143	ILSG40000337412	1/2 - 1 Mile WNW
X144	ILSG40000345387	1/2 - 1 Mile WNW
X145	ILSG40000336203	1/2 - 1 Mile WNW
W146	ILPW56044	1/2 - 1 Mile East
V147	ILEPANC70001049	1/2 - 1 Mile West
Y148	ILSG40000352057	1/2 - 1 Mile WNW
Y149	ILSG40000355493	1/2 - 1 Mile WNW
X150	ILPW56015	1/2 - 1 Mile WNW
X151	ILSG40000351387	1/2 - 1 Mile WNW
152	ILSG40000341160	1/2 - 1 Mile ESE
153	ILSG40000340735	1/2 - 1 Mile NW
X154	ILEPANC70001048	1/2 - 1 Mile WNW
Y155	ILSG40000335066	1/2 - 1 Mile WNW
X156	ILSG40000343769	1/2 - 1 Mile WNW
Y157	ILSG40000334246	1/2 - 1 Mile WNW
Z158	ILPW55102	1/2 - 1 Mile West
Z159	ILPW55103	1/2 - 1 Mile West
Z160	ILPW55104	1/2 - 1 Mile West
Z161	ILPW55101	1/2 - 1 Mile West
Z162	ILPW55099	1/2 - 1 Mile West
Z163	ILPW55100	1/2 - 1 Mile West
AA164	ILEPAC700002164	1/2 - 1 Mile SW
AB165	ILSG40000354222	1/2 - 1 Mile WNW
AC166	ILSG40000358574	1/2 - 1 Mile West
Y167	ILEPAC700002171	1/2 - 1 Mile WNW
AC168	ILPW55105	1/2 - 1 Mile West
169	ILPW56002	1/2 - 1 Mile NNE
AD170	ILSG40000357991	1/2 - 1 Mile WNW
AA172	ILSG40000349727	1/2 - 1 Mile SW
AA173	ILSG40000333969	1/2 - 1 Mile SW
Z174	ILSG40000347480	1/2 - 1 Mile West
AF175	ILSG40000348098	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Z176	ILEPANC70001052	1/2 - 1 Mile West
AB177	ILSG40000354373	1/2 - 1 Mile WNW
AB178	ILPW55107	1/2 - 1 Mile WNW
AB179	ILPW55106	1/2 - 1 Mile WNW
AD180	ILSG40000350542	1/2 - 1 Mile WNW
AB181	ILSG40000355636	1/2 - 1 Mile WNW
Z183	ILSG40000351393	1/2 - 1 Mile West
AB184	ILSG40000334032	1/2 - 1 Mile WNW
AB185	ILSG40000343778	1/2 - 1 Mile WNW
AG186	ILSG40000341110	1/2 - 1 Mile East
AD187	ILEPAC700002172	1/2 - 1 Mile WNW
AF188	ILSG40000339778	1/2 - 1 Mile NW
Z189	ILSG40000352989	1/2 - 1 Mile West
AF190	ILSG40000342500	1/2 - 1 Mile NW
191	ILSG40000333477	1/2 - 1 Mile SSE
AF192	ILSG40000358506	1/2 - 1 Mile NW
AC193	ILSG40000358301	1/2 - 1 Mile West
AG194	ILPW56043	1/2 - 1 Mile East
AE195	ILSG40000345358	1/2 - 1 Mile WNW
AH196	ILSG40000351792	1/2 - 1 Mile West
AI197	ILSG40000351070	1/2 - 1 Mile SSE
AI198	ILSG40000351073	1/2 - 1 Mile SSE
AF199	ILSG40000352152	1/2 - 1 Mile NW
AF200	ILSG40000349460	1/2 - 1 Mile NW
AJ201	ILPW55108	1/2 - 1 Mile WNW
AJ202	ILPW55109	1/2 - 1 Mile WNW
AI203	ILSG40000356553	1/2 - 1 Mile SSE
AI204	ILSG40000356557	1/2 - 1 Mile SSE
AI205	ILSG40000356560	1/2 - 1 Mile SSE
AH206	ILSG40000358573	1/2 - 1 Mile West
AK207	ILSG40000354764	1/2 - 1 Mile WNW
AJ208	ILSG40000338376	1/2 - 1 Mile WNW
AH209	ILSG40000349463	1/2 - 1 Mile West
AJ210	ILSG40000342878	1/2 - 1 Mile WNW
AL211	ILSG40000354351	1/2 - 1 Mile NW
AL212	ILSG40000345390	1/2 - 1 Mile NW
AK213	ILSG40000345698	1/2 - 1 Mile WNW
AM214	ILPW55121	1/2 - 1 Mile West
AM215	ILPW55120	1/2 - 1 Mile West
AL216	ILSG40000351644	1/2 - 1 Mile NW
AN217	ILSG40000353947	1/2 - 1 Mile NW
AH218	ILSG40000353322	1/2 - 1 Mile West
AO219	ILSG40000334237	1/2 - 1 Mile NW
AM220	ILSG40000349043	1/2 - 1 Mile West
AJ221	ILSG40000352581	1/2 - 1 Mile WNW
222	ILPW56034	1/2 - 1 Mile South
AL223	ILSG40000345351	1/2 - 1 Mile NW
AL224	ILSG40000345386	1/2 - 1 Mile NW
AL225	ILSG40000345336	1/2 - 1 Mile NW
AL226	ILSG40000345350	1/2 - 1 Mile NW
AL227	ILSG40000345406	1/2 - 1 Mile NW
AL228	ILSG40000345398	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AL229	ILSG40000345393	1/2 - 1 Mile NW
AP230	ILPW55122	1/2 - 1 Mile WNW
AQ231	ILEPANC70001051	1/2 - 1 Mile West
AM232	ILSG40000347826	1/2 - 1 Mile West
AQ233	ILSG40000351394	1/2 - 1 Mile West
AQ234	ILSG40000358331	1/2 - 1 Mile West
AR235	ILSG40000353787	1/2 - 1 Mile SSE
AP236	ILSG40000353564	1/2 - 1 Mile WNW
AS237	ILSG40000343773	1/2 - 1 Mile West
AN238	ILEPAC700002173	1/2 - 1 Mile NW
AT239	ILPW55124	1/2 - 1 Mile WNW
AT240	ILPW55123	1/2 - 1 Mile WNW
AO241	ILSG40000356048	1/2 - 1 Mile NW
AU242	ILSG40000340806	1/2 - 1 Mile NW
AO243	ILSG40000357109	1/2 - 1 Mile NW
AO244	ILSG40000357990	1/2 - 1 Mile NW
AS245	ILSG40000358066	1/2 - 1 Mile West
AO246	ILSG40000352862	1/2 - 1 Mile NW
AN247	ILSG40000350541	1/2 - 1 Mile NW
AU248	ILSG40000347684	1/2 - 1 Mile NW
AT249	ILSG40000340669	1/2 - 1 Mile WNW
AV250	ILPW55112	1/2 - 1 Mile NW
AV251	ILPW55111	1/2 - 1 Mile NW
AV252	ILPW55110	1/2 - 1 Mile NW
AS254	ILSG40000349042	1/2 - 1 Mile West
AW256	ILSG40000340666	1/2 - 1 Mile NW
AX257	ILSG40000351965	1/2 - 1 Mile NW
AV258	ILSG40000345348	1/2 - 1 Mile NW
259	ILPW55131	1/2 - 1 Mile West
AU260	ILSG40000347233	1/2 - 1 Mile NW
AU261	ILSG40000338954	1/2 - 1 Mile NW
AY262	ILSG40000358083	1/2 - 1 Mile SSE
AZ263	ILSG40000353395	1/2 - 1 Mile West
AU264	ILSG40000346423	1/2 - 1 Mile NW
AY265	ILSG40000358085	1/2 - 1 Mile SSE
BA266	ILSG40000334432	1/2 - 1 Mile WNW
BA267	ILPW55132	1/2 - 1 Mile WNW
BA268	ILPW55133	1/2 - 1 Mile WNW
AY269	ILSG40000358086	1/2 - 1 Mile SSE
AX270	ILSG40000357372	1/2 - 1 Mile NW
BB271	ILSG40000351390	1/2 - 1 Mile WNW
BC272	ILPW56004	1/2 - 1 Mile North
273	ILSG40000355637	1/2 - 1 Mile WNW
AZ274	ILSG40000343777	1/2 - 1 Mile West
AX275	ILSG40000341649	1/2 - 1 Mile NW
AY276	ILSG40000358087	1/2 - 1 Mile SSE
AX277	ILSG40000354063	1/2 - 1 Mile NW
BD278	ILSG40000343776	1/2 - 1 Mile NW
AY279	ILSG40000358084	1/2 - 1 Mile SSE
BB280	ILEPANC70001297	1/2 - 1 Mile WNW
AX281	ILSG40000350947	1/2 - 1 Mile NW
AX282	ILSG40000345396	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AX283	ILPW55113	1/2 - 1 Mile NW
AX284	ILPW55114	1/2 - 1 Mile NW
AX285	ILPW55115	1/2 - 1 Mile NW
AX286	ILSG40000339976	1/2 - 1 Mile NW
BC287	ILSG40000349806	1/2 - 1 Mile North
BD288	ILSG40000347685	1/2 - 1 Mile NW
BD289	ILSG40000353326	1/2 - 1 Mile NW
BD290	ILSG40000339517	1/2 - 1 Mile NW

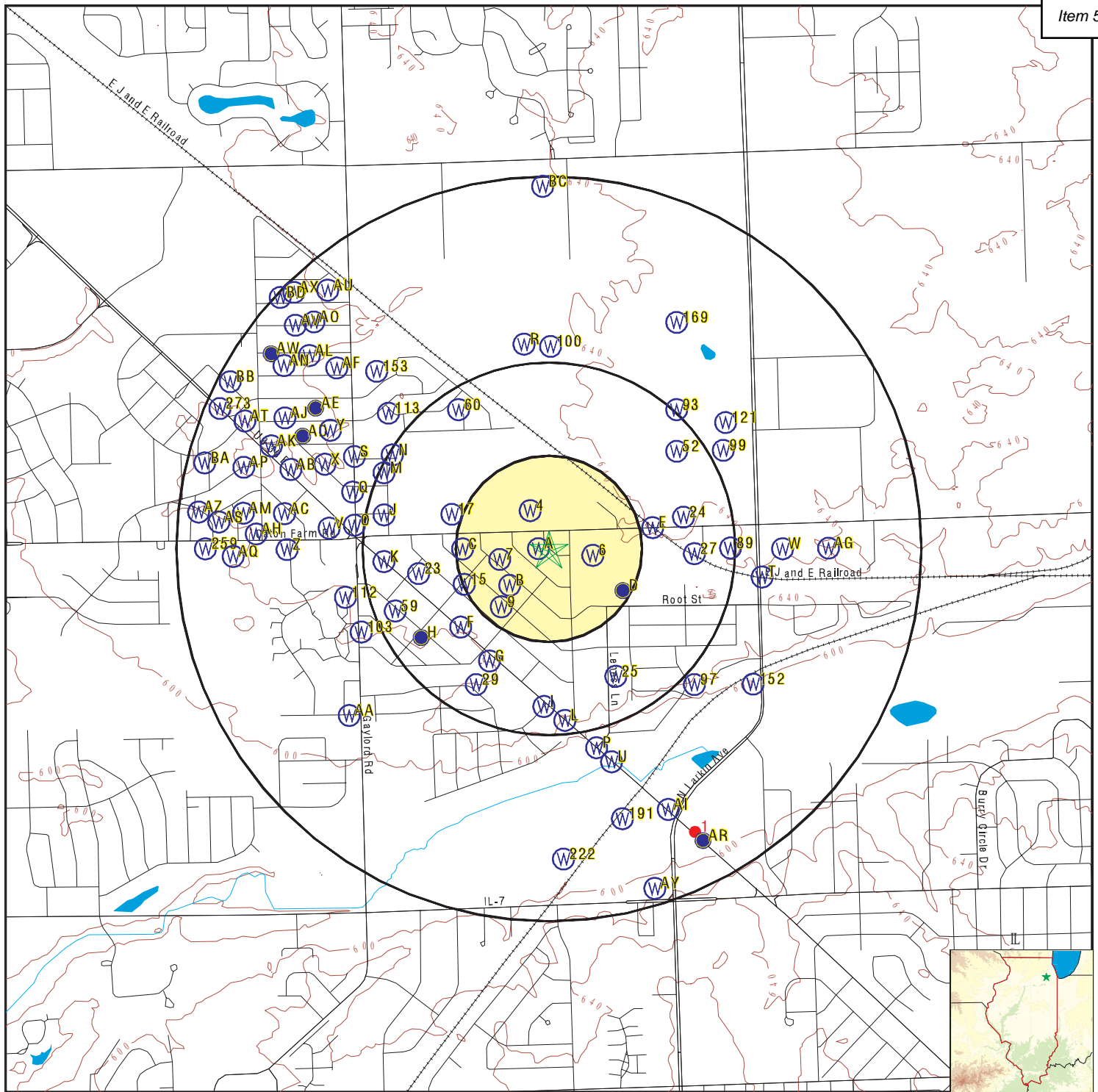
OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILOG30000196407	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 7469530.9s

Item 5.



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Crest Hill - Circle Green
 ADDRESS: 2323 Circle St
 Crest Hill IL 60403
 LAT/LONG: 41.565322 / 88.132364

CLIENT: V3 Companies of IL, LTD
 CONTACT: Jonathan D Shuptr
 INQUIRY #: 7469530.9s
 DATE: October 13, 2023 11:10 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NNW
0 - 1/8 Mile
Higher

IL WELLS ILPW56003

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56003	Driller:	LOCKPORT
Owner:	RODEGHERO R	Permit:	038892
Date drilled:	07/04/1975	Record type:	RG
Depth:	125	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

A2
SSW
0 - 1/8 Mile
Higher

IL WELLS ILSG40000345585

WELLS SGS:

Database:	Water Well Records	API #:	121973422500
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19370101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	631	Elevation Reference:	Not Reported
Total Depth:	107	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422500		

A3
West
0 - 1/8 Mile
Higher

IL WELLS ILSG40000345577

WELLS SGS:

Database:	Water Well Records	API #:	121973421700
IL SWSP #:	158371	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	117	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421700		

4
NNW
0 - 1/8 Mile
Higher

IL WELLS ILSG40000333245

WELLS SGS:

Database:	Water Well Records	API #:	121970032400
IL SWSP #:	158359	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19570101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	630	Elevation Reference:	Ground level
Total Depth:	100	Lithologic Formation:	limestone
Top of Formation (ft):	31	Bottom of Formation (ft):	100
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121970032400		

B5
SW
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000345575**

WELLS SGS:

Database:	Water Well Records	API #:	121973421500
IL SWSP #:	160583	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	82	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973421500		

6
East
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000345580**

WELLS SGS:

Database:	Water Well Records	API #:	121973422000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19360101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	85	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	18		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973422000		

7
WSW
1/8 - 1/4 Mile
Higher

IL WELLS **ILSG40000345578**

WELLS SGS:

Database:	Water Well Records	API #:	121973421800
IL SWSP #:	158372	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	630	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973421800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B8
SW
1/8 - 1/4 Mile
Higher

IL WELLS ILSG40000345590

WELLS SGS:

Database:	Water Well Records	API #:	121973423000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	98	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423000		

9
SW
1/8 - 1/4 Mile
Lower

IL WELLS ILSG40000345581

WELLS SGS:

Database:	Water Well Records	API #:	121973422100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	630	Elevation Reference:	Not Reported
Total Depth:	129	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422100		

C10
West
1/8 - 1/4 Mile
Lower

IL WELLS ILSG40000345579

WELLS SGS:

Database:	Water Well Records	API #:	121973421900
IL SWSP #:	158372	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	9		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D11

ESE

1/8 - 1/4 Mile

Higher

FED USGS

USGS40000298676

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.3g1	Type:	Well
Description:	Not Reported	HUC:	07090003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	310	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

D12

ESE

1/8 - 1/4 Mile

Higher

FRDS PWS

IL1970250

Epa region:	05	State:	IL
Pwsid:	IL1970250	Pwsname:	CREST HILL
Cityserved:	Not Reported	Stateserved:	IL
Zipsserved:	Not Reported	Fipscounty:	17197
Status:	Active	Retpopsrvid:	14889
Pwssvcconn:	6405	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	SOLIMAN, RAYMOND R.	Contactorgname:	SOLIMAN, RAYMOND R.
Contactphone:	815-741-5105	Contactaddress1:	CITY OF CREST HILL
Contactaddress2:	1610 PLAINFIELD RD	Contactcity:	CREST HILL
Contactstate:	IL	Contactzip:	60403
Pwsactivitycode:	A		
Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	inhibitor, polyphosphate	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17534
Facname:	TP 05-WELL 7	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17534
Facname:	TP 05-WELL 7	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17534
Facname:	TP 05-WELL 7	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	inhibitor, polyphosphate	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
PWS ID:	IL1970250	PWS name:	CREST HILL
Address:	Not Reported	Care of:	Not Reported
City:	CREST HILL	State:	IL
Zip:	60435	Owner:	CREST HILL
Source code:	Ground water	Population:	9770
PWS ID:	IL1970250	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	CREST HILL
PWS type code:	C	Retail population served:	14889
Contact:	ROBERTS, JOHN	Contact address:	CITY HALL
Contact address:	1610 PLAINFIELD RD	Contact city:	CREST HILL
Contact state:	IL	Contact zip:	60435
Contact telephone:	815-723-8671		
County:	WILL	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, PRE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Population:	9770		
County:	WILL	Source:	Ground water
Treatment Objective:	Z	Process:	FLUORIDATION
Population:	9770		
PWS ID:	IL1970250	Activity status:	Active
Date system activated:	6301	Date system deactivated:	Not Reported
Retail population:	00010643	System name:	CREST HILL
System address:	Not Reported	System city:	CREST HILL
System state:	IL	System zip:	60435
County FIPS:	Not Reported	City served:	CREST HILL
Population served:	10,001 - 50,000 Persons	Treatment:	Treated
Latitude:	413333	Longitude:	0880710
Latitude:	413313	Longitude:	0880726
Latitude:	413344	Longitude:	0880819
Latitude:	413340	Longitude:	0880552
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	13.0000
Longitude degrees:	88	Longitude minutes:	7
Longitude seconds:	26.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	33.0000
Longitude degrees:	88	Longitude minutes:	7
Longitude seconds:	10.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	40.0000
Longitude degrees:	88	Longitude minutes:	5
Longitude seconds:	52.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	44.0000
Longitude degrees:	88	Longitude minutes:	8
Longitude seconds:	19.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	50.0000
Longitude degrees:	88	Longitude minutes:	7
Longitude seconds:	42.0000		
Violation id:	2199093	Orig code:	S
State:	IL	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	65	Violation name:	Public Education
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/1993
Cmp edt:	Not Reported		
Violation id:	5315901	Orig code:	S
State:	IL	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rule code: 110
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 01/31/2001

Rule name: TCR
 Unit of measure: Not Reported
 Cmp bdt: 01/01/2001

Violation id: 5350201
 State: IL
 Contamination code: 3100
 Violation code: 22
 Rule code: 110
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: 04/30/2001

Orig code: S
 Violation Year: 2001
 Contamination Name: Coliform (TCR)
 Violation name: MCL, Monthly (TCR)
 Rule name: TCR
 Unit of measure: Not Reported
 Cmp bdt: 04/01/2001

Violation id: 7177006
 State: IL
 Contamination code: 5000
 Violation code: 52
 Rule code: 350
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: Not Reported

Orig code: S
 Violation Year: 2005
 Contamination Name: Lead and Copper Rule
 Violation name: Follow-up Or Routine LCR Tap M/R
 Rule name: LCR
 Unit of measure: Not Reported
 Cmp bdt: 10/01/2005

Violation id: 7177212
 State: IL
 Contamination code: 7000
 Violation code: 71
 Rule code: 420
 Violation measur: Not Reported
 State mcl: Not Reported
 Cmp edt: Not Reported

Orig code: S
 Violation Year: 2013
 Contamination Name: Consumer Confidence Rule
 Violation name: CCR Complete Failure to Report
 Rule name: CCR
 Unit of measure: Not Reported
 Cmp bdt: 07/01/2013

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9325412
 PWS telephone: Not Reported
 Violation type: OCCT Study Recommendation
 Violation end date: 030194
 Violation awareness date: Not Reported
 Maximum contaminant level: Not Reported
 Number of samples taken: Not Reported
 Analysis result: Not Reported

Violation source ID: Not Reported
 Contaminant: LEAD & COPPER RULE
 Violation start date: 090293
 Violation period (months): 006
 Major violator: Not Reported
 Number of required samples: Not Reported
 Analysis method: Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID: 9321990
 PWS telephone: Not Reported
 Violation type: Public Education
 Violation end date: 063094
 Violation awareness date: Not Reported
 Maximum contaminant level: Not Reported
 Number of samples taken: Not Reported
 Analysis result: Not Reported

Violation source ID: Not Reported
 Contaminant: LEAD & COPPER RULE
 Violation start date: 070193
 Violation period (months): 012
 Major violator: Not Reported
 Number of required samples: Not Reported
 Analysis method: Not Reported

Violation ID: 5315901
 Enforcemnt FY: 2001
 Enforcement Detail: St Violation/Reminder Notice
 Enforcement Category: Informal

Orig Code: S
 Enforcement Action: 03/15/2001

Violation ID: 5315901
 Enforcemnt FY: 2001
 Enforcement Detail: St Public Notif requested

Orig Code: S
 Enforcement Action: 03/15/2001
 Enforcement Category: Informal

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	5350201	Orig Code:	S
Enforcement FY:	2001	Enforcement Action:	06/15/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	5350201	Orig Code:	S
Enforcement FY:	2001	Enforcement Action:	06/15/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	7177006	Orig Code:	S
Enforcement FY:	2006	Enforcement Action:	12/19/2005
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	7177006	Orig Code:	S
Enforcement FY:	2006	Enforcement Action:	12/19/2005
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	7177006	Orig Code:	S
Enforcement FY:	2006	Enforcement Action:	07/10/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	7177006	Orig Code:	S
Enforcement FY:	2006	Enforcement Action:	06/13/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	7177212	Orig Code:	S
Enforcement FY:	2013	Enforcement Action:	07/31/2013
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	7177212	Orig Code:	S
Enforcement FY:	2013	Enforcement Action:	07/25/2013
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	5315901
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	3/15/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	5315901
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	1/1/2001 0:00:00	Compliance end date:	1/31/2001 0:00:00
Enforcement date:	3/15/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	5350201
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	6/15/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	5350201
Contaminant:	COLIFORM (TCR)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	6/15/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	12/19/2005 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	12/19/2005 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	6/13/2006 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	7/10/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

D13
SE
1/8 - 1/4 Mile
Higher

IL WELLS **ILEPAC700002180**

WELLS EPA:

Well ID:	20448	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1970250	Water Supply Name:	CREST HILL
Min Setback Zone (ft):	0	Well Depth:	310
Ambient Sampling Netwk Stat:	2	EPA Facility Status:	Active
SDWIS Well ID:	WL20448	SDWIS Facility #:	IL1970250
API #:	121970130500		

C14
West
1/8 - 1/4 Mile
Lower

IL WELLS **ILPW56005**

Database:	Illinois Private Well Database and PICS		
Well ID:	56005	2nd ID:	28423
Owner:	NEUMANN'S NURSERY	Driller:	LOCKPORT
Date drilled:	06/25/1985	Permit:	118342
Depth:	155	Record type:	RG

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use: Commerical Well Type: ~~
 Aquifer type: ~~

15
WSW
1/8 - 1/4 Mile
Lower

IL WELLS ILSG40000345576

WELLS SGS:

Database:	Water Well Records	API #:	121973421600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19420701050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	89	Lithologic Formation:	Not Reported
Top of Formation (ft):	49	Bottom of Formation (ft):	0
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421600		

E16
East
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000356277

WELLS SGS:

Database:	Water Well Records	API #:	121974489400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19841204060000	Farm Name:	B2
Well Name:	B2	Driller:	Testing Engineers, Inc.
Elevation:	642	Elevation Reference:	Ground level
Total Depth:	62	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489400		

17
WNW
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000339993

WELLS SGS:

Database:	Water Well Records	API #:	121972765300
IL SWSP #:	158369	Status:	Water Well
Date Drilled:	19760913050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	225
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972765300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E18
ENE
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000356276

WELLS SGS:

Database:	Water Well Records	API #:	121974489300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19841203060000	Farm Name:	B1
Well Name:	B1	Driller:	Testing Engineers, Inc.
Elevation:	642	Elevation Reference:	Ground level
Total Depth:	62	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489300		

F19
SW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345582

WELLS SGS:

Database:	Water Well Records	API #:	121973422200
IL SWSP #:	158376	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	81	Lithologic Formation:	limesotne
Top of Formation (ft):	39	Bottom of Formation (ft):	81
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422200		

F20
SW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355635

WELLS SGS:

Database:	Water Well Records	API #:	121974425200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020620050000	Farm Name:	B-3
Well Name:	B-3	Driller:	IL Department of Transportation
Elevation:	623	Elevation Reference:	Ground level
Total Depth:	10	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G21
SSW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000351414

WELLS SGS:

Database:	Water Well Records	API #:	121974003500
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974003500		

G22
SSW
1/4 - 1/2 Mile
Lower

IL WELLS ILEPANC70002747

WELLS EPA:

Well ID:	19703313	Facility Name:	A B GUSTOS
Facility #:	IL3110999	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	RESTAURANT
Population Count:	725	Update Time Stamp:	22-SEP-06
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

23
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345586

WELLS SGS:

Database:	Water Well Records	API #:	121973422600
IL SWSP #:	160593	Status:	Water Well
Date Drilled:	19520101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	190	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

24
ENE
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000351732

WELLS SGS:

Database:	Water Well Records	API #:	121974035300
IL SWSP #:	336946	Status:	Water Well
Date Drilled:	20010815050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	105	Bottom of Formation (ft):	225
Pump Flow (gpm):	35		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974035300		

25
SSE
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000333693

WELLS SGS:

Database:	Water Well Records	API #:	121970130500
IL SWSP #:	409391	Status:	Water Well
Date Drilled:	19630101060000	Farm Name:	1
Well Name:	1	Driller:	Miller, J.P. Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	310	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970130500		

H26
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000298672

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.7f1	Type:	Well
Description:	Not Reported	HUC:	07090003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

27
East
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56033

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56033		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner: RC LIF CONST
 Date drilled: 07/31/1974
 Depth: 148
 Well Use: Domestic
 Aquifer type: ~~

Driller: LOCKPORT
 Permit: J031644
 Record type: RG
 Well Type: ~~

I28
South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000355634

WELLS SGS:

Database:	Water Well Records	API #:	121974425100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-2
Well Name:	B-2	Driller:	IL Department of Transportation
Elevation:	633	Elevation Reference:	Ground level
Total Depth:	10	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425100		

29
SSW
1/4 - 1/2 Mile
Lower

IL WELLS ILPW56035

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56035	Driller:	KNIERIM
Owner:	LOWE A	Permit:	J006474
Date drilled:	11/00/1968	Record type:	RG
Depth:	180	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I30
South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000355665

WELLS SGS:

Database:	Water Well Records	API #:	121974428200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-22
Well Name:	SB-22	Driller:	Wang Engineering, Inc.
Elevation:	632	Elevation Reference:	Ground level
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974428200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J31
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000354248

WELLS SGS:

Database:	Water Well Records	API #:	121974286700
IL SWSP #:	457511	Status:	Water Well
Date Drilled:	20110923050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	596	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	rock
Top of Formation (ft):	165	Bottom of Formation (ft):	200
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974286700		

I32
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56020

Database:	Illinois Private Well Database and PICS		
Well ID:	56020	2nd ID:	Not Reported
Owner:	REIGH R	Driller:	BREITZKE
Date drilled:	00/00/1946	Permit:	
Depth:	34	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I33
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56019

Database:	Illinois Private Well Database and PICS		
Well ID:	56019	2nd ID:	Not Reported
Owner:	STEIN B	Driller:	SHROBA
Date drilled:	00/00/1940	Permit:	
Depth:	48	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I34
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56024

Database:	Illinois Private Well Database and PICS		
Well ID:	56024	2nd ID:	Not Reported
Owner:	ERMGARD	Driller:	SCHROBA
Date drilled:	00/00/1940	Permit:	
Depth:	82	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I35
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56017

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56017	Driller:	SCHROBA
Owner:	SRESLINGER C	Permit:	
Date drilled:	00/00/1940	Record type:	OG
Depth:	117	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I36
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56018

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56018	Driller:	SCHROBA
Owner:	HERRMAN A	Permit:	
Date drilled:	00/00/1940	Record type:	OG
Depth:	100	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I37
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56030

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56030	Driller:	D & G DRILLING
Owner:	AMOCO OIL COMPANY #RW-2	Permit:	Not Reported
Date drilled:	05/31/1994	Record type:	RG
Depth:	16	Well Type:	Drilled
Well Use:	Monitoring		
Aquifer type:	Unconsolidated		

I38
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56027

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56027	Driller:	SMITH
Owner:	CHORAK M	Permit:	
Date drilled:	00/00/1946	Record type:	RG
Depth:	61	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I39
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56026

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56026	Driller:	SMITH
Owner:	NELSON E	Permit:	
Date drilled:	00/00/1946	Record type:	RG
Depth:	80	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I40
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56025

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56025	Driller:	WARE
Owner:	GREWENIG J	Permit:	
Date drilled:	00/00/1945	Record type:	RG
Depth:	90	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I41
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56029

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56029	Driller:	FORDONSKI
Owner:	MRS YOUNG	Permit:	Not Reported
Date drilled:	05/06/1988	Record type:	A
Depth:	110	Well Type:	--
Well Use:	Domestic		
Aquifer type:	--		

I42
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56031

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56031	Driller:	D & G DRILLING
Owner:	AMOCO OIL COMPANY #RW-3	Permit:	Not Reported
Date drilled:	06/01/1994	Record type:	RG
Depth:	15	Well Type:	Drilled
Well Use:	Monitoring		
Aquifer type:	Unconsolidated		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I43
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56028

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56028	Driller:	DREHER
Owner:	RICHLAND SUB	Permit:	
Date drilled:	00/00/1952	Record type:	RG
Depth:	190	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I44
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56022

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56022	Driller:	BREITZKE
Owner:	MASURA G	Permit:	
Date drilled:	00/00/1946	Record type:	RG
Depth:	81	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I45
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56023

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56023	Driller:	BREITZKE
Owner:	SWANEY W	Permit:	
Date drilled:	00/00/1948	Record type:	RG
Depth:	72	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I46
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56021

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56021	Driller:	BREITZKE
Owner:	SCURES C	Permit:	
Date drilled:	00/00/1946	Record type:	RG
Depth:	63	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I47
South
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56016

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56016	Driller:	Not Reported
Owner:	YOUNG	Permit:	
Date drilled:	00/00/1988	Record type:	A
Depth:	110	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

I48
South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000355664

WELLS SGS:

Database:	Water Well Records	API #:	121974428100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-21
Well Name:	SB-21	Driller:	Wang Engineering, Inc.
Elevation:	629	Elevation Reference:	Ground level
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974428100		

J49
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000352092

WELLS SGS:

Database:	Water Well Records	API #:	121974071200
IL SWSP #:	290109	Status:	Water Well
Date Drilled:	19951104050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974071200		

K50
West
1/4 - 1/2 Mile
Lower

IL WELLS ILPW56037

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56037	Driller:	Not Reported
Owner:	SYCAMORE GREENGOLD REALESTATE	Permit:	
Date drilled:	00/00/1952		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth: 280
Well Use: Domestic
Aquifer type: ~~

Record type: OC
Well Type: ~~

**H51
SW
1/4 - 1/2 Mile
Lower**

IL WELLS ILEPAC700002181

WELLS EPA:

Well ID:	20449	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1970250	Water Supply Name:	CREST HILL
Min Setback Zone (ft):	200	Well Depth:	300
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20449	SDWIS Facility #:	IL1970250
API #:	121970129200		

**52
NE
1/4 - 1/2 Mile
Higher**

IL WELLS ILPW56000

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56000	Driller:	LOCKPORT WELL & PUMP
Owner:	RICHARD OBRZUT	Permit:	197-93-0129-N
Date drilled:	09/10/1993	Record type:	RG
Depth:	125	Well Type:	Drilled
Well Use:	Domestic		
Aquifer type:	Bedrock		

**H53
SW
1/4 - 1/2 Mile
Lower**

IL WELLS ILSG40000333682

WELLS SGS:

Database:	Water Well Records	API #:	121970129200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19510101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	620	Elevation Reference:	Ground level
Total Depth:	300	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I54
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355663

WELLS SGS:

Database:	Water Well Records	API #:	121974428000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-20
Well Name:	SB-20	Driller:	Wang Engineering, Inc.
Elevation:	626	Elevation Reference:	Ground level
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974428000		

I55
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355657

WELLS SGS:

Database:	Water Well Records	API #:	121974427400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-14
Well Name:	SB-14	Driller:	Wang Engineering, Inc.
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427400		

J56
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000344160

WELLS SGS:

Database:	Water Well Records	API #:	121973248000
IL SWSP #:	158360	Status:	Water Well
Date Drilled:	19750704050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	80	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I57
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355656

WELLS SGS:

Database:	Water Well Records	API #:	121974427300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-13
Well Name:	SB-13	Driller:	Wang Engineering, Inc.
Elevation:	625	Elevation Reference:	Ground level
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427300		

L58
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355662

WELLS SGS:

Database:	Water Well Records	API #:	121974427900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-19
Well Name:	SB-19	Driller:	Wang Engineering, Inc.
Elevation:	623	Elevation Reference:	Ground level
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427900		

59
WSW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345589

WELLS SGS:

Database:	Water Well Records	API #:	121973422900
IL SWSP #:	160960	Status:	Water Well
Date Drilled:	19430101060000	Farm Name:	1
Well Name:	1	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	194	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	194
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

60
NNW
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56006

Database:	Illinois Private Well Database and PICS	2nd ID:	28424
Well ID:	56006	Driller:	LOCKPORT
Owner:	NEUMANN'S NURSERY	Permit:	118343
Date drilled:	06/14/1985	Record type:	RG
Depth:	165	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

L61
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355642

WELLS SGS:

Database:	Water Well Records	API #:	121974425900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020715050000	Farm Name:	HA-2
Well Name:	HA-2	Driller:	IL Department of Transportation
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	5	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425900		

K62
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000347671

WELLS SGS:

Database:	Water Well Records	API #:	121973630700
IL SWSP #:	261625	Status:	Water Well Monitoring Well
Date Drilled:	19940531050000	Farm Name:	RW-1
Well Name:	RW-1	Driller:	D & G Drilling
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	15	Lithologic Formation:	silt
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973630700		

K63
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000347673

WELLS SGS:

Database:	Water Well Records	API #:	121973630900
IL SWSP #:	261627	Status:	Water Well Monitoring Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19940601050000	Farm Name:	RW-3
Well Name:	RW-3	Driller:	D & G Drilling
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	15	Lithologic Formation:	sandy gravelly clay
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973630900		

K64
West
 1/4 - 1/2 Mile
 Lower

IL WELLS ILSG40000347672

WELLS SGS:

Database:	Water Well Records	API #:	121973630800
IL SWSP #:	261626	Status:	Water Well Monitoring Well
Date Drilled:	19940531050000	Farm Name:	RW-2
Well Name:	RW-2	Driller:	D & G Drilling
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	16	Lithologic Formation:	sandy clay
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973630800		

L65
South
 1/4 - 1/2 Mile
 Lower

IL WELLS ILSG40000355655

WELLS SGS:

Database:	Water Well Records	API #:	121974427200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-12
Well Name:	SB-12	Driller:	Wang Engineering, Inc.
Elevation:	621	Elevation Reference:	Ground level
Total Depth:	38	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974427200		

L66
South
 1/4 - 1/2 Mile
 Lower

IL WELLS ILSG40000355661

WELLS SGS:

Database:	Water Well Records	API #:	121974427800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-18
Well Name:	SB-18	Driller:	Wang Engineering, Inc.
Elevation:	619	Elevation Reference:	Ground level
Total Depth:	36	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974427800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J67
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000348122

WELLS SGS:

Database:	Water Well Records	API #:	121973675500
IL SWSP #:	269311	Status:	Water Well
Date Drilled:	19950526050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973675500		

J68
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000349055

WELLS SGS:

Database:	Water Well Records	API #:	121973767900
IL SWSP #:	299354	Status:	Water Well
Date Drilled:	19961008050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	265	Lithologic Formation:	limestone
Top of Formation (ft):	210	Bottom of Formation (ft):	265
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973767900		

J69
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000347487

WELLS SGS:

Database:	Water Well Records	API #:	121973612400
IL SWSP #:	253667	Status:	Water Well
Date Drilled:	19940423050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	54	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973612400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J70
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000344159

WELLS SGS:

Database:	Water Well Records	API #:	121973247900
IL SWSP #:	158364	Status:	Water Well
Date Drilled:	19750715050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	125
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973247900		

J71
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000358187

WELLS SGS:

Database:	Water Well Records	API #:	121974685300
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20180619050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	620	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	90	Bottom of Formation (ft):	200
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974685300		

L72
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345587

WELLS SGS:

Database:	Water Well Records	API #:	121973422700
IL SWSP #:	158375	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	1
Well Name:	1	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	63	Lithologic Formation:	limestone
Top of Formation (ft):	44	Bottom of Formation (ft):	63
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L73
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345591

WELLS SGS:

Database:	Water Well Records	API #:	121973423100
IL SWSP #:	158377	Status:	Water Well
Date Drilled:	19480101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	72	Lithologic Formation:	limestone
Top of Formation (ft):	30	Bottom of Formation (ft):	72
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423100		

L74
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345592

WELLS SGS:

Database:	Water Well Records	API #:	121973423200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19421001050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423200		

L75
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345588

WELLS SGS:

Database:	Water Well Records	API #:	121973422800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19420901050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	102	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L76
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000345584

WELLS SGS:

Database:	Water Well Records	API #:	121973422400
IL SWSP #:	158374	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	34	Lithologic Formation:	limestone
Top of Formation (ft):	5	Bottom of Formation (ft):	34
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422400		

L77
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355654

WELLS SGS:

Database:	Water Well Records	API #:	121974427100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-11
Well Name:	SB-11	Driller:	Wang Engineering, Inc.
Elevation:	618	Elevation Reference:	Ground level
Total Depth:	36	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427100		

L78
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355660

WELLS SGS:

Database:	Water Well Records	API #:	121974427700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-17
Well Name:	SB-17	Driller:	Wang Engineering, Inc.
Elevation:	616	Elevation Reference:	Ground level
Total Depth:	44	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M79
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000354336

WELLS SGS:

Database:	Water Well Records	API #:	121974295400
IL SWSP #:	463615	Status:	Water Well
Date Drilled:	20120630050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	165	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974295400		

L80
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355641

WELLS SGS:

Database:	Water Well Records	API #:	121974425800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020715050000	Farm Name:	HA-1
Well Name:	HA-1	Driller:	IL Department of Transportation
Elevation:	617	Elevation Reference:	Ground level
Total Depth:	4	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425800		

L81
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355653

WELLS SGS:

Database:	Water Well Records	API #:	121974427000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-10B
Well Name:	SB-10B	Driller:	Wang Engineering, Inc.
Elevation:	615	Elevation Reference:	Ground level
Total Depth:	27	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M82
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000354767

WELLS SGS:

Database:	Water Well Records	API #:	121974338300
IL SWSP #:	476178	Status:	Water Well
Date Drilled:	20130708050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	100	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974338300		

L83
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355659

WELLS SGS:

Database:	Water Well Records	API #:	121974427600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-16
Well Name:	SB-16	Driller:	Wang Engineering, Inc.
Elevation:	612	Elevation Reference:	Ground level
Total Depth:	28	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974427600		

L84
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355652

WELLS SGS:

Database:	Water Well Records	API #:	121974426900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-10A
Well Name:	SB-10A	Driller:	Wang Engineering, Inc.
Elevation:	613	Elevation Reference:	Ground level
Total Depth:	39	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N85
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000353397

WELLS SGS:

Database:	Water Well Records	API #:	121974201800
IL SWSP #:	383230	Status:	Water Well
Date Drilled:	20050630050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Liberg, Steve Jr.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974201800		

M86
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000347247

WELLS SGS:

Database:	Water Well Records	API #:	121973588500
IL SWSP #:	251255	Status:	Water Well
Date Drilled:	19930910050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973588500		

L87
South
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000355658

WELLS SGS:

Database:	Water Well Records	API #:	121974427500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-15
Well Name:	SB-15	Driller:	Wang Engineering, Inc.
Elevation:	609	Elevation Reference:	Ground level
Total Depth:	26	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974427500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M88
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000339545

WELLS SGS:

Database:	Water Well Records	API #:	121972720500
IL SWSP #:	218141	Status:	Water Well
Date Drilled:	19770620050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972720500		

89
East
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000337126

WELLS SGS:

Database:	Water Well Records	API #:	121972477900
IL SWSP #:	158379	Status:	Water Well
Date Drilled:	19740731050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	148	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	148
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972477900		

J90
WNW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000351645

WELLS SGS:

Database:	Water Well Records	API #:	121974026600
IL SWSP #:	339538	Status:	Water Well
Date Drilled:	20011011050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	215	Lithologic Formation:	limestone
Top of Formation (ft):	180	Bottom of Formation (ft):	215
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974026600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

O91
West
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000346828

WELLS SGS:

Database:	Water Well Records	API #:	121973546800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19891118060000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973546800		

N92
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000339992

WELLS SGS:

Database:	Water Well Records	API #:	121972765200
IL SWSP #:	158368	Status:	Water Well
Date Drilled:	19760507050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972765200		

93
NE
1/2 - 1 Mile
Higher

IL WELLS ILPW56001

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56001	Driller:	FORDONSKI
Owner:	CROSSLINK COATING	Permit:	197-94-0009-N
Date drilled:	03/14/1994	Record type:	RG
Depth:	140	Well Type:	Drilled
Well Use:	Domestic		
Aquifer type:	Bedrock		

P94
South
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355651

WELLS SGS:

Database:	Water Well Records	API #:	121974426800
IL SWSP #:	0	Status:	Engineering Test

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	20011228060000	Farm Name:	SB-09
Well Name:	SB-09	Driller:	Wang Engineering, Inc.
Elevation:	599	Elevation Reference:	Ground level
Total Depth:	17	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974426800		

M95
WNW
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000345573

WELLS SGS:

Database:	Water Well Records	API #:	121973421300
IL SWSP #:	158367	Status:	Water Well
Date Drilled:	19650101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	133	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	133
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973421300		

P96
SSE
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000355650

WELLS SGS:

Database:	Water Well Records	API #:	121974426700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011228060000	Farm Name:	SB-08
Well Name:	SB-08	Driller:	Wang Engineering, Inc.
Elevation:	596	Elevation Reference:	Ground level
Total Depth:	12	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974426700		

97
SE
 1/2 - 1 Mile
 Lower

IL WELLS ILPW56032

Database:	Illinois Private Well Database and PICS	2nd ID:	28940
Well ID:	56032	Driller:	WILL DUPAGE CO
Owner:	FREEMAN S	Permit:	124584
Date drilled:	06/18/1986	Record type:	RG
Depth:	120	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q98
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358508

WELLS SGS:

Database:	Water Well Records	API #:	121974717600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20211006050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	651	Elevation Reference:	Ground level
Total Depth:	260	Lithologic Formation:	limestone
Top of Formation (ft):	198	Bottom of Formation (ft):	238
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974717600		

99
ENE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000347486

WELLS SGS:

Database:	Water Well Records	API #:	121973612300
IL SWSP #:	250953	Status:	Water Well
Date Drilled:	19940314050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	140
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973612300		

100
North
1/2 - 1 Mile
Higher

IL WELLS ILSG40000356631

WELLS SGS:

Database:	Water Well Records	API #:	121974524800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20140311050000	Farm Name:	12
Well Name:	12	Driller:	Wehling, Richard W.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	300	Lithologic Formation:	limestone
Top of Formation (ft):	140	Bottom of Formation (ft):	300
Pump Flow (gpm):	400		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974524800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P101
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355649

WELLS SGS:

Database:	Water Well Records	API #:	121974426600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011228060000	Farm Name:	SB-07
Well Name:	SB-07	Driller:	Wang Engineering, Inc.
Elevation:	594	Elevation Reference:	Ground level
Total Depth:	15	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426600		

P102
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355640

WELLS SGS:

Database:	Water Well Records	API #:	121974425700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020620050000	Farm Name:	B-8
Well Name:	B-8	Driller:	IL Department of Transportation
Elevation:	593	Elevation Reference:	Ground level
Total Depth:	13	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425700		

103
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345583

WELLS SGS:

Database:	Water Well Records	API #:	121973422300
IL SWSP #:	160590	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Smith, T. H.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	80	Lithologic Formation:	limestone
Top of Formation (ft):	46	Bottom of Formation (ft):	80
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

O104
West
1/2 - 1 Mile
Lower

IL WELLS ILEPANC70001050

WELLS EPA:

Well ID:	19700830	Facility Name:	INSTANT REPLAY
Facility #:	IL3024760	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	RESTAURANT
Population Count:	60	Update Time Stamp:	21-SEP-06
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

R105
North
1/2 - 1 Mile
Higher

IL WELLS ILPW55998

Database:	Illinois Private Well Database and PICS		
Well ID:	55998	2nd ID:	Not Reported
Owner:	SEINKO E	Driller:	WILL DUPAGE CO
Date drilled:	00/00/1965	Permit:	
Depth:	133	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

R106
North
1/2 - 1 Mile
Higher

IL WELLS ILPW55999

Database:	Illinois Private Well Database and PICS		
Well ID:	55999	2nd ID:	Not Reported
Owner:	LESLIE H ABBOTT	Driller:	Not Reported
Date drilled:	00/00/1928	Permit:	Not Reported
Depth:	462	Record type:	OG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

R107
North
1/2 - 1 Mile
Higher

IL WELLS ILPW55997

Database:	Illinois Private Well Database and PICS		
Well ID:	55997	2nd ID:	00324
Owner:	GOSACH M	Driller:	WILL DUPAGE CO
Date drilled:	00/00/1937	Permit:	
Depth:	100	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q108
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000354168

WELLS SGS:

Database:	Water Well Records	API #:	121974278800
IL SWSP #:	452562	Status:	Water Well
Date Drilled:	20101010050000	Farm Name:	1
Well Name:	1	Driller:	Neely, Mark S.
Elevation:	645	Elevation Reference:	Not Reported
Total Depth:	250	Lithologic Formation:	limestone
Top of Formation (ft):	180	Bottom of Formation (ft):	200
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974278800		

P109
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355648

WELLS SGS:

Database:	Water Well Records	API #:	121974426500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-06
Well Name:	SB-06	Driller:	Wang Engineering, Inc.
Elevation:	592	Elevation Reference:	Ground level
Total Depth:	25	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426500		

P110
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355633

WELLS SGS:

Database:	Water Well Records	API #:	121974425000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-1
Well Name:	B-1	Driller:	IL Department of Transportation
Elevation:	591	Elevation Reference:	Ground level
Total Depth:	13	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q111
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356049

WELLS SGS:

Database:	Water Well Records	API #:	121974466600
IL SWSP #:	485550	Status:	Water Well
Date Drilled:	20141210060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	765	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	184	Bottom of Formation (ft):	200
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974466600		

112
WSW
1/2 - 1 Mile
Lower

IL WELLS ILPW56038

Database:	Illinois Private Well Database and PICS		
Well ID:	56038	2nd ID:	Not Reported
Owner:	SMALL HOMES	Driller:	DREHER
Date drilled:	00/00/1943	Permit:	
Depth:	194	Record type:	RGI
Well Use:	Domestic	Well type:	~~
Aquifer type:	~~		

113
NW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000340736

WELLS SGS:

Database:	Water Well Records	API #:	121972842400
IL SWSP #:	158363	Status:	Water Well
Date Drilled:	19850614050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	165
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972842400		

S114
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358186

WELLS SGS:

Database:	Water Well Records	API #:	121974685200
IL SWSP #:	0	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	20170616050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974685200		

P115
SSE
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000355647**

WELLS SGS:

Database:	Water Well Records	API #:	121974426400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-05
Well Name:	SB-05	Driller:	Wang Engineering, Inc.
Elevation:	591	Elevation Reference:	Ground level
Total Depth:	13	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974426400		

P116
SSE
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000355639**

WELLS SGS:

Database:	Water Well Records	API #:	121974425600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020620050000	Farm Name:	B-7
Well Name:	B-7	Driller:	IL Department of Transportation
Elevation:	591	Elevation Reference:	Ground level
Total Depth:	15	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974425600		

T117
East
 1/2 - 1 Mile
 Higher

IL WELLS **ILSG40000356280**

WELLS SGS:

Database:	Water Well Records	API #:	121974489700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19790925050000	Farm Name:	B2
Well Name:	B2	Driller:	Testing Engineers, Inc.
Elevation:	640	Elevation Reference:	Ground level
Total Depth:	52	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974489700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

T118
East
1/2 - 1 Mile
Higher

IL WELLS ILSG40000356279

WELLS SGS:

Database:	Water Well Records	API #:	121974489600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19790925050000	Farm Name:	B1
Well Name:	B1	Driller:	Testing Engineers, Inc.
Elevation:	638	Elevation Reference:	Ground level
Total Depth:	52	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489600		

U119
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355646

WELLS SGS:

Database:	Water Well Records	API #:	121974426300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-04
Well Name:	SB-04	Driller:	Wang Engineering, Inc.
Elevation:	590	Elevation Reference:	Ground level
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426300		

V120
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000353753

WELLS SGS:

Database:	Water Well Records	API #:	121974237400
IL SWSP #:	429187	Status:	Water Well
Date Drilled:	20061115060000	Farm Name:	1
Well Name:	1	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	160
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974237400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

121
NE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000353888

WELLS SGS:

Database:	Water Well Records	API #:	121974250900
IL SWSP #:	435027	Status:	Water Well
Date Drilled:	20050512050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	192	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	200
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974250900		

V122
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351389

WELLS SGS:

Database:	Water Well Records	API #:	121974001000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974001000		

V123
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351386

WELLS SGS:

Database:	Water Well Records	API #:	121974000700
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974000700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V124
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000334245

WELLS SGS:

Database:	Water Well Records	API #:	121970190300
IL SWSP #:	157740	Status:	Water Well
Date Drilled:	19701203060000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	lime
Top of Formation (ft):	40	Bottom of Formation (ft):	130
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970190300		

V125
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000334431

WELLS SGS:

Database:	Water Well Records	API #:	121970209300
IL SWSP #:	157742	Status:	Water Well
Date Drilled:	19710811050000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970209300		

V126
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000339519

WELLS SGS:

Database:	Water Well Records	API #:	121972717900
IL SWSP #:	157757	Status:	Water Well
Date Drilled:	19780925050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	54	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972717900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V127
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351388

WELLS SGS:

Database:	Water Well Records	API #:	121974000900
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974000900		

S128
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000354221

WELLS SGS:

Database:	Water Well Records	API #:	121974284000
IL SWSP #:	454490	Status:	Water Well
Date Drilled:	20101002050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	160
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974284000		

U129
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355645

WELLS SGS:

Database:	Water Well Records	API #:	121974426200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-03
Well Name:	SB-03	Driller:	Wang Engineering, Inc.
Elevation:	590	Elevation Reference:	Ground level
Total Depth:	11	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V130
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56013

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56013	Driller:	FYKES
Owner:	GREG NEUMANN #1	Permit:	197890037N
Date drilled:	11/18/1989	Record type:	RG
Depth:	205	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

V131
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56007

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56007	Driller:	LOCKPORT
Owner:	FRANCIS B	Permit:	039001
Date drilled:	07/15/1975	Record type:	RG
Depth:	125	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V132
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56012

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56012	Driller:	FYKES
Owner:	RICHARD OBRZUT #1	Permit:	061965
Date drilled:	06/20/1977	Record type:	RG
Depth:	125	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

V133
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56014

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56014	Driller:	LOCKPORT WELL & PUMP
Owner:	GREG NEUMANN	Permit:	197-94-0022-N
Date drilled:	04/23/1994	Record type:	RG
Depth:	205	Well Type:	Drilled
Well Use:	Irrigation		
Aquifer type:	Bedrock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V134
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56009

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56009	Driller:	LOCKPORT
Owner:	FRANCIS B	Permit:	045855
Date drilled:	05/07/1976	Record type:	RG
Depth:	125	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V135
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56008

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56008	Driller:	LOCKPORT
Owner:	ABRZUT R	Permit:	061965
Date drilled:	06/20/1977	Record type:	RG
Depth:	125	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V136
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56010

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56010	Driller:	LOCKPORT
Owner:	NEUMANN'S NURSERY	Permit:	051658
Date drilled:	09/13/1976	Record type:	RG
Depth:	225	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

V137
West
1/2 - 1 Mile
Lower

IL WELLS ILPW56011

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56011	Driller:	FYKES
Owner:	GREG NEUMANN	Permit:	X1970037
Date drilled:	11/18/1989	Record type:	RG
Depth:	205	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

V138
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000349041

WELLS SGS:

Database:	Water Well Records	API #:	121973766500
IL SWSP #:	299344	Status:	Water Well
Date Drilled:	19970807050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	125	Bottom of Formation (ft):	205
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973766500		

U139
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355644

WELLS SGS:

Database:	Water Well Records	API #:	121974426100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-02
Well Name:	SB-02	Driller:	Wang Engineering, Inc.
Elevation:	589	Elevation Reference:	Ground level
Total Depth:	21	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426100		

U140
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355643

WELLS SGS:

Database:	Water Well Records	API #:	121974426000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-01
Well Name:	SB-01	Driller:	Wang Engineering, Inc.
Elevation:	589	Elevation Reference:	Ground level
Total Depth:	18	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974426000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

W141
East
1/2 - 1 Mile
Higher

IL WELLS ILSG40000333810

WELLS SGS:

Database:	Water Well Records	API #:	121970146800
IL SWSP #:	158382	Status:	Water Well
Date Drilled:	19671007050000	Farm Name:	1
Well Name:	1	Driller:	Lockport Well & Pump, Inc.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	135	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	135
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970146800		

X142
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000343774

WELLS SGS:

Database:	Water Well Records	API #:	121973207000
IL SWSP #:	157734	Status:	Water Well
Date Drilled:	19790330050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	48	Bottom of Formation (ft):	105
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973207000		

X143
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000337412

WELLS SGS:

Database:	Water Well Records	API #:	121972506400
IL SWSP #:	157755	Status:	Water Well
Date Drilled:	19750406050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Paul L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	rock
Top of Formation (ft):	20	Bottom of Formation (ft):	120
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972506400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X144
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345387

WELLS SGS:

Database:	Water Well Records	API #:	121973402700
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19360101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	117	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973402700		

X145
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000336203

WELLS SGS:

Database:	Water Well Records	API #:	121970385900
IL SWSP #:	160925	Status:	Water Well
Date Drilled:	19730517050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Peter
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	130
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970385900		

W146
East
1/2 - 1 Mile
Higher

IL WELLS ILPW56044

Database:	Illinois Private Well Database and PICS	2nd ID:	28680
Well ID:	56044	Driller:	LOCKPORT
Owner:	BELASICH R	Permit:	121680
Date drilled:	11/27/1985	Record type:	RG
Depth:	145	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V147
West
1/2 - 1 Mile
Higher

IL WELLS ILEPANC70001049

WELLS EPA:

Well ID:	19701630	Facility Name:	FRENCH QUARTER
Facility #:	IL3047258	Well Status:	Inactive

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Type:	NonPublic	Primary Use Name:	MEDICAL FACILITY
Population Count:	0	Update Time Stamp:	08-SEP-06
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

Y148
WNW
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000352057

WELLS SGS:

Database:	Water Well Records	API #:	121974067700
IL SWSP #:	346874	Status:	Water Well
Date Drilled:	20021017050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	160
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974067700		

Y149
WNW
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000355493

WELLS SGS:

Database:	Water Well Records	API #:	121974411100
IL SWSP #:	253280	Status:	Water Well
Date Drilled:	19921007050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	170	Lithologic Formation:	limestone
Top of Formation (ft):	45	Bottom of Formation (ft):	170
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974411100		

X150
WNW
 1/2 - 1 Mile
 Lower

IL WELLS ILPW56015

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56015	Driller:	BELASICH
Owner:	WATKINS C	Permit:	
Date drilled:	06/17/1955	Record type:	ORGC
Depth:	129	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X151
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351387

WELLS SGS:

Database:	Water Well Records	API #:	121974000800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974000800		

152
ESE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000341160

WELLS SGS:

Database:	Water Well Records	API #:	121972894000
IL SWSP #:	158378	Status:	Water Well
Date Drilled:	19860618050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972894000		

153
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000340735

WELLS SGS:

Database:	Water Well Records	API #:	121972842300
IL SWSP #:	158362	Status:	Water Well
Date Drilled:	19850625050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	155	Lithologic Formation:	limestone
Top of Formation (ft):	150	Bottom of Formation (ft):	155
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972842300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

X154
WNW
1/2 - 1 Mile
Lower

IL WELLS ILEPANC70001048

WELLS EPA:

Well ID:	19701044	Facility Name:	CHURCH OF THE GOOD SHEPHERD
Facility #:	IL3025288	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	INSTITUTION
Population Count:	160	Update Time Stamp:	18-JAN-07
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

Y155
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000335066

WELLS SGS:

Database:	Water Well Records	API #:	121970272400
IL SWSP #:	157752	Status:	Water Well
Date Drilled:	19720816050000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	145	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	145
Pump Flow (gpm):	5		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121970272400		

X156
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000343769

WELLS SGS:

Database:	Water Well Records	API #:	121973206500
IL SWSP #:	157732	Status:	Water Well
Date Drilled:	19841018050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher, Theodore Albert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	100
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973206500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y157
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000334246

WELLS SGS:

Database:	Water Well Records	API #:	121970190400
IL SWSP #:	409351	Status:	Water Well
Date Drilled:	19701007050000	Farm Name:	2
Well Name:	2	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	limestone
Top of Formation (ft):	38	Bottom of Formation (ft):	150
Pump Flow (gpm):	40		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970190400		

Z158
West
1/2 - 1 Mile
Higher

IL WELLS ILPW55102

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55102	Driller:	LOCKPORT
Owner:	POLCYN L	Permit:	079521
Date drilled:	09/25/1978	Record type:	RG
Depth:	125	Well type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

Z159
West
1/2 - 1 Mile
Higher

IL WELLS ILPW55103

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55103	Driller:	KNIERIM
Owner:	NASSE M LOT 89	Permit:	070160
Date drilled:	12/30/1978	Record type:	RG
Depth:	100	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

Z160
West
1/2 - 1 Mile
Higher

IL WELLS ILPW55104

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55104	Driller:	KNIERIM
Owner:	HALL D LOT 157	Permit:	117007
Date drilled:	03/20/1985	Record type:	RG
Depth:	120	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Z161
West
1/2 - 1 Mile
Higher

IL WELLS ILPW55101

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55101	Driller:	LOCKPORT
Owner:	CANAGHT L	Permit:	013553
Date drilled:	08/11/1971	Record type:	RG
Depth:	125	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

Z162
West
1/2 - 1 Mile
Higher

IL WELLS ILPW55099

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55099	Driller:	DREHER
Owner:	ALLEN J	Permit:	115326
Date drilled:	10/18/1984	Record type:	RG
Depth:	100	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

Z163
West
1/2 - 1 Mile
Higher

IL WELLS ILPW55100

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55100	Driller:	LOCKPORT
Owner:	SEVEN ELEVEN STORE	Permit:	011229
Date drilled:	12/03/1970	Record type:	RG
Depth:	130	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

AA164
SW
1/2 - 1 Mile
Lower

IL WELLS ILEPAC700002164

WELLS EPA:

Well ID:	01050	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1970250	Water Supply Name:	CREST HILL
Min Setback Zone (ft):	200	Well Depth:	320
Ambient Sampling Netwk Stat:	1	EPA Facility Status:	Active
SDWIS Well ID:	WL01050	SDWIS Facility #:	IL1970250

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

API #: 121973834700

AB165
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000354222**

WELLS SGS:

Database:	Water Well Records	API #:	121974284100
IL SWSP #:	454489	Status:	Water Well
Date Drilled:	20101101050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	125	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974284100		

AC166
West
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000358574**

WELLS SGS:

Database:	Water Well Records	API #:	121974724200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20220614050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	202	Lithologic Formation:	limestone
Top of Formation (ft):	181	Bottom of Formation (ft):	202
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974724200		

Y167
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILEPAC700002171**

WELLS EPA:

Well ID:	20356	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1977730	Water Supply Name:	SUNNYLAND SUBDIVISION
Min Setback Zone (ft):	400	Well Depth:	150
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20356	SDWIS Facility #:	IL1977730
API #:	121970190400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AC168
West
1/2 - 1 Mile
Lower

IL WELLS ILPW55105

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55105	Driller:	KNIERIM
Owner:	MUELLER G	Permit:	036551
Date drilled:	04/06/1975	Record type:	RG
Depth:	120	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

169
NNE
1/2 - 1 Mile
Higher

IL WELLS ILPW56002

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56002	Driller:	Not Reported
Owner:	ILLINOIS STATE PENITENTIARY	Permit:	Not Reported
Date drilled:	00/00/1923	Record type:	OGC
Depth:	235	Well Type:	--
Well Use:	State		
Aquifer type:	--		

AD170
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000357991

WELLS SGS:

Database:	Water Well Records	API #:	121974662600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20170811050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Liberg, Steve Jr.
Elevation:	619	Elevation Reference:	Ground level
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	65
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974662600		

AE171
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40000298688

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N 9E-25.1c1	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Silurian-Devonian aquifers	Aquifer Type:	Not Reported
Formation Type:	Silurian System		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date: 197010
 Well Depth Units: ft
 Well Hole Depth Units: ft

Well Depth: 150
 Well Hole Depth: 150

Ground water levels, Number of Measurements: 1
 Feet below surface: 35
 Note: Not Reported

Level reading date: 1970-10
 Feet to sea level: Not Reported

AA172
SW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000349727

WELLS SGS:

Database:	Water Well Records	API #:	121973834700
IL SWSP #:	405028	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	9
Well Name:	9	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	320	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973834700		

AA173
SW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000333969

WELLS SGS:

Database:	Water Well Records	API #:	121970162800
IL SWSP #:	158381	Status:	Water Well
Date Drilled:	19681101050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierum, Paul
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone & shale
Top of Formation (ft):	10	Bottom of Formation (ft):	180
Pump Flow (gpm):	150		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121970162800		

Z174
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000347480

WELLS SGS:

Database:	Water Well Records	API #:	121973611600
IL SWSP #:	254708	Status:	Water Well
Date Drilled:	19940513050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	185	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	185
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973611600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AF175
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000348098

WELLS SGS:

Database:	Water Well Records	API #:	121973673100
IL SWSP #:	268488	Status:	Water Well
Date Drilled:	19950530050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	110	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	110
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973673100		

Z176
West
1/2 - 1 Mile
Lower

IL WELLS ILEPANC70001052

WELLS EPA:

Well ID:	19701069	Facility Name:	CRYSTAL LAWNS CHURCH/NAZARENE
Facility #:	IL3025320	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	INSTITUTION
Population Count:	150	Update Time Stamp:	21-MAR-07
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

AB177
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000354373

WELLS SGS:

Database:	Water Well Records	API #:	121974299100
IL SWSP #:	465444	Status:	Water Well
Date Drilled:	20120905050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	180
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974299100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AB178
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55107

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55107	Driller:	LOCKPORT
Owner:	CHUCK LANFEAR	Permit:	197-92-0175-N
Date drilled:	10/22/1992	Record type:	RG
Depth:	205	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

AB179
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55106

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55106	Driller:	LOCKPORT
Owner:	CARMAGHI L	Permit:	J019203
Date drilled:	08/16/1972	Record type:	RG
Depth:	145	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AD180
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000350542

WELLS SGS:

Database:	Water Well Records	API #:	121973915900
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	1
Well Name:	1	Driller:	Dreher & Schorie
Elevation:	615	Elevation Reference:	Not Reported
Total Depth:	132	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973915900		

AB181
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355636

WELLS SGS:

Database:	Water Well Records	API #:	121974425300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-4
Well Name:	B-4	Driller:	IL Department of Transportation
Elevation:	624	Elevation Reference:	Ground level

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	10	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservelet?watersummary&121974425300		

AD182 WNW 1/2 - 1 Mile Lower

FED USGS USGS40000298687

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N 9E-25.2c1	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	194511
Well Depth:	132	Well Depth Units:	ft
Well Hole Depth:	132	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1950
Feet below surface:	15	Feet to sea level:	Not Reported
Note:	Not Reported		

Z183 West 1/2 - 1 Mile Lower

IL WELLS ILSG40000351393

WELLS SGS:

Database:	Water Well Records	API #:	121974001400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservelet?watersummary&121974001400		

AB184 WNW 1/2 - 1 Mile Lower

IL WELLS ILSG40000334032

WELLS SGS:

Database:	Water Well Records	API #:	121970169100
IL SWSP #:	157739	Status:	Water Well
Date Drilled:	18990803050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	146	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservelet?watersummary&121970169100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AB185
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000343778

WELLS SGS:

Database:	Water Well Records	API #:	121973207400
IL SWSP #:	157743	Status:	Water Well
Date Drilled:	19791114060000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	165
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973207400		

AG186
East
1/2 - 1 Mile
Higher

IL WELLS ILSG40000341110

WELLS SGS:

Database:	Water Well Records	API #:	121972887400
IL SWSP #:	158384	Status:	Water Well
Date Drilled:	19860523050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	150
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121972887400		

AD187
WNW
1/2 - 1 Mile
Lower

IL WELLS ILEPAC700002172

WELLS EPA:

Well ID:	20355	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1977730	Water Supply Name:	SUNNYLAND SUBDIVISION
Min Setback Zone (ft):	400	Well Depth:	132
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20355	SDWIS Facility #:	IL1977730
API #:	121973915900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AF188
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000339778

WELLS SGS:

Database:	Water Well Records	API #:	121972743900
IL SWSP #:	157733	Status:	Water Well
Date Drilled:	19771004050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	65
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972743900		

Z189
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000352989

WELLS SGS:

Database:	Water Well Records	API #:	121974160800
IL SWSP #:	372590	Status:	Water Well
Date Drilled:	20041009050000	Farm Name:	1
Well Name:	1	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	180
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974160800		

AF190
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000342500

WELLS SGS:

Database:	Water Well Records	API #:	121973074600
IL SWSP #:	217183	Status:	Water Well
Date Drilled:	19881004050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	72	Lithologic Formation:	limestone
Top of Formation (ft):	34	Bottom of Formation (ft):	72
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973074600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

191
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000333477

WELLS SGS:

Database:	Water Well Records	API #:	121970056400
IL SWSP #:	409392	Status:	Water Well
Date Drilled:	19590801050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Miller, J.P. Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	282	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	200		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970056400		

AF192
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358506

WELLS SGS:

Database:	Water Well Records	API #:	121974717400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20211015050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	672	Elevation Reference:	Ground level
Total Depth:	260	Lithologic Formation:	limestone
Top of Formation (ft):	180	Bottom of Formation (ft):	260
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974717400		

AC193
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358301

WELLS SGS:

Database:	Water Well Records	API #:	121974696800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20190827050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Stinnett, David
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	rock
Top of Formation (ft):	170	Bottom of Formation (ft):	180
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974696800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AG194
East
1/2 - 1 Mile
Higher

IL WELLS ILPW56043

Database:	Illinois Private Well Database and PICS	2nd ID:	28874
Well ID:	56043	Driller:	LOCKPORT
Owner:	BELASICH R	Permit:	123978
Date drilled:	05/23/1984	Record type:	RG
Depth:	150	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AE195
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345358

WELLS SGS:

Database:	Water Well Records	API #:	121973399800
IL SWSP #:	157723	Status:	Water Well
Date Drilled:	19500101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	67	Lithologic Formation:	limestone
Top of Formation (ft):	35	Bottom of Formation (ft):	67
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973399800		

AH196
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351792

WELLS SGS:

Database:	Water Well Records	API #:	121974041300
IL SWSP #:	342554	Status:	Water Well
Date Drilled:	20010828050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	205
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974041300		

AI197
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351070

WELLS SGS:

Database:	Water Well Records	API #:	121973969200
IL SWSP #:	0	Status:	Engineering Test

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19700516050000	Farm Name:	B-3
Well Name:	B-3	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	19	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973969200		

AI198
SSE
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000351073**

WELLS SGS:

Database:	Water Well Records	API #:	121973969500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	B-2
Well Name:	B-2	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	18	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973969500		

AF199
NW
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000352152**

WELLS SGS:

Database:	Water Well Records	API #:	121974077200
IL SWSP #:	347919	Status:	Water Well
Date Drilled:	20030116060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	rock
Top of Formation (ft):	40	Bottom of Formation (ft):	200
Pump Flow (gpm):	7		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974077200		

AF200
NW
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000349460**

WELLS SGS:

Database:	Water Well Records	API #:	121973808100
IL SWSP #:	305722	Status:	Water Well
Date Drilled:	19980728050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	rock
Top of Formation (ft):	46	Bottom of Formation (ft):	160
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973808100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AJ201
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55108

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55108	Driller:	LOCKPORT
Owner:	HORSCHLER P	Permit:	064209
Date drilled:	10/04/1977	Record type:	RG
Depth:	65	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AJ202
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55109

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55109	Driller:	LOCKPORT
Owner:	MCCORMICK G	Permit:	084172
Date drilled:	03/30/1979	Record type:	RG
Depth:	125	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AI203
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356553

WELLS SGS:

Database:	Water Well Records	API #:	121974517000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	1
Well Name:	1	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974517000		

AI204
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356557

WELLS SGS:

Database:	Water Well Records	API #:	121974517400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	4
Well Name:	4	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	15	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974517400		

AI205
SSE
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000356560**

WELLS SGS:

Database:	Water Well Records	API #:	121974517700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	5
Well Name:	5	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	10	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974517700		

AH206
West
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000358573**

WELLS SGS:

Database:	Water Well Records	API #:	121974724100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20220420050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Ken/K & K Well Drlg.
Elevation:	558	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	175	Bottom of Formation (ft):	200
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974724100		

AK207
WNW
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000354764**

WELLS SGS:

Database:	Water Well Records	API #:	121974338000
IL SWSP #:	476177	Status:	Water Well
Date Drilled:	20130909050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	268	Elevation Reference:	Not Reported
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	100	Bottom of Formation (ft):	140
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974338000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AJ208
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000338376

WELLS SGS:

Database:	Water Well Records	API #:	121972604100
IL SWSP #:	157756	Status:	Water Well
Date Drilled:	19761218060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Paul L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	rock
Top of Formation (ft):	20	Bottom of Formation (ft):	120
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972604100		

AH209
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000349463

WELLS SGS:

Database:	Water Well Records	API #:	121973808400
IL SWSP #:	305110	Status:	Water Well
Date Drilled:	19980819050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Senffner, Alan James
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	220	Lithologic Formation:	limestone
Top of Formation (ft):	56	Bottom of Formation (ft):	220
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973808400		

AJ210
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000342878

WELLS SGS:

Database:	Water Well Records	API #:	121973117500
IL SWSP #:	160931	Status:	Water Well
Date Drilled:	19830530050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	145	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	145
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973117500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AL211
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000354351

WELLS SGS:

Database:	Water Well Records	API #:	121974296900
IL SWSP #:	464442	Status:	Water Well
Date Drilled:	20120705050000	Farm Name:	1
Well Name:	1	Driller:	Liberg, Steve Jr.
Elevation:	603	Elevation Reference:	Not Reported
Total Depth:	86	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	86
Pump Flow (gpm):	16		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974296900		

AL212
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345390

WELLS SGS:

Database:	Water Well Records	API #:	121973403000
IL SWSP #:	160917	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	61	Lithologic Formation:	limestone
Top of Formation (ft):	33	Bottom of Formation (ft):	61
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403000		

AK213
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345698

WELLS SGS:

Database:	Water Well Records	API #:	121973434000
IL SWSP #:	236885	Status:	Water Well
Date Drilled:	19921022050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973434000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AM214
West
1/2 - 1 Mile
Lower

IL WELLS ILPW55121

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55121	Driller:	LOCKPORT
Owner:	SIMPSON K	Permit:	091200
Date drilled:	11/14/1979	Record type:	RG
Depth:	165	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AM215
West
1/2 - 1 Mile
Lower

IL WELLS ILPW55120

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55120	Driller:	ANDERSON
Owner:	MCDOWELL	Permit:	
Date drilled:	08/03/1899	Record type:	RG
Depth:	106	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AL216
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351644

WELLS SGS:

Database:	Water Well Records	API #:	121974026500
IL SWSP #:	339539	Status:	Water Well
Date Drilled:	20011110060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	rock
Top of Formation (ft):	40	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974026500		

AN217
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000353947

WELLS SGS:

Database:	Water Well Records	API #:	121974256800
IL SWSP #:	440053	Status:	Water Well
Date Drilled:	20080815050000	Farm Name:	1
Well Name:	1	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	120	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	120
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974256800		

AH218
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000353322

WELLS SGS:

Database:	Water Well Records	API #:	121974194300
IL SWSP #:	380849	Status:	Water Well
Date Drilled:	20050601050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	245	Lithologic Formation:	limestone
Top of Formation (ft):	145	Bottom of Formation (ft):	245
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974194300		

AO219
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000334237

WELLS SGS:

Database:	Water Well Records	API #:	121970189500
IL SWSP #:	157741	Status:	Water Well
Date Drilled:	19701122060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	48	Bottom of Formation (ft):	125
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970189500		

AM220
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000349043

WELLS SGS:

Database:	Water Well Records	API #:	121973766700
IL SWSP #:	299956	Status:	Water Well
Date Drilled:	19971118060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	170	Bottom of Formation (ft):	225
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973766700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AJ221
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000352581

WELLS SGS:

Database:	Water Well Records	API #:	121974120000
IL SWSP #:	361186	Status:	Water Well
Date Drilled:	20031016050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	55	Bottom of Formation (ft):	165
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974120000		

222
South
1/2 - 1 Mile
Lower

IL WELLS ILPW56034

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56034	Driller:	MILLER
Owner:	HILLCREST SHOP CENTER	Permit:	
Date drilled:	08/00/1959	Record type:	OGC
Depth:	282	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

AL223
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345351

WELLS SGS:

Database:	Water Well Records	API #:	121973399100
IL SWSP #:	157720	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	85	Lithologic Formation:	limestone
Top of Formation (ft):	36	Bottom of Formation (ft):	85
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973399100		

AL224
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345386

WELLS SGS:

Database:	Water Well Records	API #:	121973402600
IL SWSP #:	157717	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	67	Lithologic Formation:	limestone
Top of Formation (ft):	34	Bottom of Formation (ft):	67
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973402600		

AL225
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345336**

WELLS SGS:

Database:	Water Well Records	API #:	121973397600
IL SWSP #:	160922	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	70	Lithologic Formation:	limestone
Top of Formation (ft):	33	Bottom of Formation (ft):	70
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973397600		

AL226
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345350**

WELLS SGS:

Database:	Water Well Records	API #:	121973399000
IL SWSP #:	160915	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	61	Lithologic Formation:	rock
Top of Formation (ft):	45	Bottom of Formation (ft):	60
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973399000		

AL227
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345406**

WELLS SGS:

Database:	Water Well Records	API #:	121973404600
IL SWSP #:	157716	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	53	Lithologic Formation:	limestone
Top of Formation (ft):	34	Bottom of Formation (ft):	53
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973404600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AL228
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345398

WELLS SGS:

Database:	Water Well Records	API #:	121973403800
IL SWSP #:	157710	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	73	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403800		

AL229
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345393

WELLS SGS:

Database:	Water Well Records	API #:	121973403300
IL SWSP #:	157711	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	63	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403300		

AP230
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55122

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55122	Driller:	KNIERIM
Owner:	GATES R	Permit:	J054843
Date drilled:	12/18/1977	Record type:	RG
Depth:	120	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AQ231
West
1/2 - 1 Mile
Lower

IL WELLS ILEPANC70001051

WELLS EPA:

Well ID:	19701184	Facility Name:	HOPE UNITED METHODIST CHURCH
Facility #:	IL3025684	Well Status:	Active

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Type:	NonCommunity	Primary Use Name:	INSTITUTION
Population Count:	65	Update Time Stamp:	15-MAR-07
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

AM232

West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000347826

WELLS SGS:

Database:	Water Well Records	API #:	121973646100
IL SWSP #:	263057	Status:	Water Well
Date Drilled:	19941024050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	185	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	185
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973646100		

AQ233

West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351394

WELLS SGS:

Database:	Water Well Records	API #:	121974001500
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974001500		

AQ234

West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358331

WELLS SGS:

Database:	Water Well Records	API #:	121974699800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20180613050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	170	Bottom of Formation (ft):	180
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974699800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AR235
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000353787

WELLS SGS:

Database:	Water Well Records	API #:	121974240800
IL SWSP #:	0	Status:	Stratigraphic Test
Date Drilled:	20080128060000	Farm Name:	MW1A
Well Name:	MW1A	Driller:	Steven Baumann
Elevation:	590	Elevation Reference:	Ground level
Total Depth:	14	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974240800		

AP236
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000353564

WELLS SGS:

Database:	Water Well Records	API #:	121974218500
IL SWSP #:	422832	Status:	Water Well
Date Drilled:	20060914050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	720	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	180
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974218500		

AS237
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000343773

WELLS SGS:

Database:	Water Well Records	API #:	121973206900
IL SWSP #:	160797	Status:	Water Well
Date Drilled:	19841217060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	170	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973206900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AN238
NW
1/2 - 1 Mile
Lower

IL WELLS ILEPAC700002173

WELLS EPA:

Well ID:	20390	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1975376	Water Supply Name:	GARDEN STREET IMPRV ASSN
Min Setback Zone (ft):	400	Well Depth:	130
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20390	SDWIS Facility #:	IL1975376
API #:	121973915800		

AT239
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55124

Database:	Illinois Private Well Database and PICS		
Well ID:	55124	2nd ID:	Not Reported
Owner:	MIKE PARKER	Driller:	LOCKPORT WELL & PUMP
Date drilled:	05/13/1994	Permit:	197-94-0032-N
Depth:	185	Record type:	RG
Well Use:	Community Supply	Well Type:	Drilled
Aquifer type:	Bedrock		

AT240
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55123

Database:	Illinois Private Well Database and PICS		
Well ID:	55123	2nd ID:	Not Reported
Owner:	TOWNE COUNTRY REALITY	Driller:	LOCKPORT
Date drilled:	05/30/1983	Permit:	107302
Depth:	145	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AO241
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356048

WELLS SGS:

Database:	Water Well Records	API #:	121974466500
IL SWSP #:	485551	Status:	Water Well
Date Drilled:	20111221060000	Farm Name:	2
Well Name:	2	Driller:	Will County Well & Pump
Elevation:	620	Elevation Reference:	Ground level

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	113	Bottom of Formation (ft):	180
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974466500		

AU242
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000340806

WELLS SGS:

Database:	Water Well Records	API #:	121972850700
IL SWSP #:	157753	Status:	Water Well
Date Drilled:	19850809050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	65
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972850700		

AO243
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000357109

WELLS SGS:

Database:	Water Well Records	API #:	121974574000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20150518050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Ken/K & K Well Drlg.
Elevation:	614	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	44	Bottom of Formation (ft):	200
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974574000		

AO244
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000357990

WELLS SGS:

Database:	Water Well Records	API #:	121974662500
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20171024050000	Farm Name:	1
Well Name:	1	Driller:	Liberg, Steve Jr.
Elevation:	619	Elevation Reference:	Ground level
Total Depth:	160	Lithologic Formation:	limestone & shale
Top of Formation (ft):	60	Bottom of Formation (ft):	160
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974662500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AS245
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358066

WELLS SGS:

Database:	Water Well Records	API #:	121974672600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20180327050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Ken/K & K Well Drlg.
Elevation:	659	Elevation Reference:	Ground level
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	160	Bottom of Formation (ft):	180
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974672600		

AO246
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000352862

WELLS SGS:

Database:	Water Well Records	API #:	121974148200
IL SWSP #:	368314	Status:	Water Well
Date Drilled:	20040624050000	Farm Name:	1
Well Name:	1	Driller:	Doyle, Gerald
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	lime
Top of Formation (ft):	60	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974148200		

AN247
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000350541

WELLS SGS:

Database:	Water Well Records	API #:	121973915800
IL SWSP #:	409356	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	1
Well Name:	1	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973915800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AU248
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000347684

WELLS SGS:

Database:	Water Well Records	API #:	121973632000
IL SWSP #:	261570	Status:	Water Well
Date Drilled:	19940718050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973632000		

AT249
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000340669

WELLS SGS:

Database:	Water Well Records	API #:	121972834800
IL SWSP #:	157737	Status:	Water Well
Date Drilled:	19850422050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972834800		

AV250
NW
1/2 - 1 Mile
Lower

IL WELLS ILPW55112

Database:	Illinois Private Well Database and PICS		
Well ID:	55112	2nd ID:	30746
Owner:	LEO BICK #1	Driller:	FYKES
Date drilled:	10/04/1988	Permit:	006310
Depth:	72	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

AV251
NW
1/2 - 1 Mile
Lower

IL WELLS ILPW55111

Database:	Illinois Private Well Database and PICS		
Well ID:	55111	2nd ID:	Not Reported
Owner:	BROWN R	Driller:	LOCKPORT
Date drilled:	11/22/1970	Permit:	011180

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AV252 NW 1/2 - 1 Mile Lower

IL WELLS ILPW55110

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55110	Driller:	LOCKPORT
Owner:	STOCKER B	Permit:	083353
Date drilled:	01/26/1979	Record type:	RG
Depth:	105	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

AW253 NW 1/2 - 1 Mile Lower

FED USGS USGS40000298692

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N 9E-25.2d1	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	130	Well Depth Units:	ft
Well Hole Depth:	130	Well Hole Depth Units:	ft

AS254 West 1/2 - 1 Mile Lower

IL WELLS ILSG40000349042

WELLS SGS:

Database:	Water Well Records	API #:	121973766600
IL SWSP #:	299290	Status:	Water Well
Date Drilled:	19971007050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	170	Bottom of Formation (ft):	205
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973766600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AR255
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000298649

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.2b1	Type:	Well
Description:	Not Reported	HUC:	07090003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Silurian-Devonian aquifers		
Formation Type:	Silurian Dolomite	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

AW256
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000340666

WELLS SGS:

Database:	Water Well Records	API #:	121972834500
IL SWSP #:	160933	Status:	Water Well
Date Drilled:	19850330050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Phil
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	rock
Top of Formation (ft):	40	Bottom of Formation (ft):	120
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121972834500		

AX257
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351965

WELLS SGS:

Database:	Water Well Records	API #:	121974058600
IL SWSP #:	344828	Status:	Water Well
Date Drilled:	20011109060000	Farm Name:	1
Well Name:	1	Driller:	Strange, Robert E.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	80	Bottom of Formation (ft):	160
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974058600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AV258
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345348

WELLS SGS:

Database:	Water Well Records	API #:	121973398800
IL SWSP #:	218539	Status:	Water Well
Date Drilled:	19530101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	60	Lithologic Formation:	limestone
Top of Formation (ft):	32	Bottom of Formation (ft):	60
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973398800		

259
West
1/2 - 1 Mile
Lower

IL WELLS ILPW55131

Database:	Illinois Private Well Database and PICS		
Well ID:	55131	2nd ID:	Not Reported
Owner:	SPARLIN W LOT 22	Driller:	LOCKPORT
Date drilled:	08/12/1971	Permit:	J013963
Depth:	125	Record type:	RG
Well Use:	Domestic	Well type:	~~
Aquifer type:	~~		

AU260
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000347233

WELLS SGS:

Database:	Water Well Records	API #:	121973587100
IL SWSP #:	251268	Status:	Water Well
Date Drilled:	19930721050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973587100		

AU261
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000338954

WELLS SGS:

Database:	Water Well Records	API #:	121972661500
IL SWSP #:	160927	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19761020050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Paul L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	rock
Top of Formation (ft):	30	Bottom of Formation (ft):	100
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121972661500		

AY262
SSE
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000358083**

WELLS SGS:

Database:	Water Well Records	API #:	121974674800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	1-A
Well Name:	1-A	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	9	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974674800		

AZ263
West
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000353395**

WELLS SGS:

Database:	Water Well Records	API #:	121974201600
IL SWSP #:	383229	Status:	Water Well
Date Drilled:	20060406050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	600	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	44	Bottom of Formation (ft):	180
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974201600		

AU264
NW
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000346423**

WELLS SGS:

Database:	Water Well Records	API #:	121973506300
IL SWSP #:	237016	Status:	Water Well
Date Drilled:	19920613050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	80	Lithologic Formation:	broken rock
Top of Formation (ft):	65	Bottom of Formation (ft):	80
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973506300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AY265
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358085

WELLS SGS:

Database:	Water Well Records	API #:	121974675000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-2
Well Name:	B-2	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	6	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974675000		

BA266
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000334432

WELLS SGS:

Database:	Water Well Records	API #:	121970209400
IL SWSP #:	160794	Status:	Water Well
Date Drilled:	19710812050000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	46	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970209400		

BA267
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55132

Database:	Illinois Private Well Database and PICS	2nd ID:	28348
Well ID:	55132	Driller:	WILL DUPAGE CO
Owner:	WUNDERLICH M	Permit:	117127
Date drilled:	04/22/1985	Record type:	RG
Depth:	140	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

BA268
WNW
1/2 - 1 Mile
Lower

IL WELLS ILPW55133

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	55133	Driller:	COMAR DRILLING CO
Owner:	SANDRA VAUAHN	Permit:	Not Reported
Date drilled:	00/00/0000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth:	90	Record type:	A
Well Use:	Domestic	Well Type:	Bored
Aquifer type:	--		

AY269
SSE
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000358086

WELLS SGS:

Database:	Water Well Records	API #:	121974675100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-3
Well Name:	B-3	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	9	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974675100		

AX270
NW
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000357372

WELLS SGS:

Database:	Water Well Records	API #:	121974600400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20151001050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	140	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974600400		

BB271
WNW
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000351390

WELLS SGS:

Database:	Water Well Records	API #:	121974001100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974001100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

BC272
North
1/2 - 1 Mile
Higher

IL WELLS ILPW56004

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56004	Driller:	LOCKPORT
Owner:	SIEGEL R	Permit:	044053
Date drilled:	01/30/1976	Record type:	RG
Depth:	145	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

273
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000355637

WELLS SGS:

Database:	Water Well Records	API #:	121974425400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-5
Well Name:	B-5	Driller:	IL Department of Transportation
Elevation:	620	Elevation Reference:	Ground level
Total Depth:	10	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974425400		

AZ274
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000343777

WELLS SGS:

Database:	Water Well Records	API #:	121973207300
IL SWSP #:	157745	Status:	Water Well
Date Drilled:	19750810050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	130
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973207300		

AX275
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000341649

WELLS SGS:

Database:	Water Well Records	API #:	121972955200
IL SWSP #:	157725	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19870422050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121972955200		

AY276
SSE
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000358087**

WELLS SGS:

Database:	Water Well Records	API #:	121974675200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-4
Well Name:	B-4	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	8	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974675200		

AX277
NW
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000354063**

WELLS SGS:

Database:	Water Well Records	API #:	121974268300
IL SWSP #:	446749	Status:	Water Well
Date Drilled:	20090706050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	180
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974268300		

BD278
NW
 1/2 - 1 Mile
 Lower

IL WELLS **ILSG40000343776**

WELLS SGS:

Database:	Water Well Records	API #:	121973207200
IL SWSP #:	157744	Status:	Water Well
Date Drilled:	19830818050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	140	Bottom of Formation (ft):	165
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973207200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AY279
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000358084

WELLS SGS:

Database:	Water Well Records	API #:	121974674900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-1
Well Name:	B-1	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974674900		

BB280
WNW
1/2 - 1 Mile
Lower

IL WELLS ILEPANC70001297

WELLS EPA:

Well ID:	19703610	Facility Name:	TUCKAWAY TAVERN
Facility #:	IL3116194	Well Status:	Inactive
Well Type:	NonPublic	Primary Use Name:	RESTAURANT
Population Count:	0	Update Time Stamp:	15-MAR-07
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

AX281
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000350947

WELLS SGS:

Database:	Water Well Records	API #:	121973956800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	62	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973956800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AX282
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345396

WELLS SGS:

Database:	Water Well Records	API #:	121973403600
IL SWSP #:	160920	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	162	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	162
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403600		

AX283
NW
1/2 - 1 Mile
Lower

IL WELLS ILPW55113

Database:	Illinois Private Well Database and PICS		
Well ID:	55113	2nd ID:	28507
Owner:	POLYAK K	Driller:	LOCKPORT
Date drilled:	08/09/1985	Permit:	119449
Depth:	65	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AX284
NW
1/2 - 1 Mile
Lower

IL WELLS ILPW55114

Database:	Illinois Private Well Database and PICS		
Well ID:	55114	2nd ID:	Not Reported
Owner:	CENTENIAL HOMES LOT 10	Driller:	KNIERIM
Date drilled:	10/20/1976	Permit:	052662
Depth:	100	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AX285
NW
1/2 - 1 Mile
Lower

IL WELLS ILPW55115

Database:	Illinois Private Well Database and PICS		
Well ID:	55115	2nd ID:	Not Reported
Owner:	PAUL BLAKE	Driller:	FYKES
Date drilled:	11/01/1989	Permit:	X1970019
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

AX286
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000339976

WELLS SGS:

Database:	Water Well Records	API #:	121972763600
IL SWSP #:	160930	Status:	Water Well
Date Drilled:	19790601050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	102	Lithologic Formation:	limestone
Top of Formation (ft):	102	Bottom of Formation (ft):	0
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972763600		

BC287
North
1/2 - 1 Mile
Higher

IL WELLS ILSG40000349806

WELLS SGS:

Database:	Water Well Records	API #:	121973842500
IL SWSP #:	311664	Status:	Water Well
Date Drilled:	19990719050000	Farm Name:	9
Well Name:	9	Driller:	Buffington, G.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	301	Lithologic Formation:	Silurian dolomite
Top of Formation (ft):	152	Bottom of Formation (ft):	301
Pump Flow (gpm):	545		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973842500		

BD288
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000347685

WELLS SGS:

Database:	Water Well Records	API #:	121973632100
IL SWSP #:	261564	Status:	Water Well
Date Drilled:	19940722050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	76	Bottom of Formation (ft):	225
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973632100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

BD289
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000353326

WELLS SGS:

Database:	Water Well Records	API #:	121974194700
IL SWSP #:	380853	Status:	Water Well
Date Drilled:	20050601050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	635	Elevation Reference:	Ground level
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	45	Bottom of Formation (ft):	165
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121974194700		

BD290
NW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000339517

WELLS SGS:

Database:	Water Well Records	API #:	121972717700
IL SWSP #:	160929	Status:	Water Well
Date Drilled:	19781230060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Paul L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	rock
Top of Formation (ft):	10	Bottom of Formation (ft):	100
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121972717700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SSE
1/2 - 1 Mile

OIL_GAS ILOG30000196407

API #:	121974240800	Permit ID:	Not Reported
Permit Date:	Not Reported	Well Status:	Stratigraphic Test
Max Depth:	14	Date Completed:	20080128060000
Formation:	Not Reported	Company Name:	Steven Baumann
Well Name:	Crest Hill, City of	Well #:	MW1A
Elevation:	590	Elevation Reference:	Not Reported
Logs:	Not Reported	ILStrat URL:	Not Reported
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&121974240800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Zipcode	Result
60403	1
60403	2.2
60403	2.1

Federal EPA Radon Zone for WILL County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for WILL COUNTY, IL

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.567 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.514 pCi/L	57%	43%	0%

TOPOGRAPHIC INFORMATION**USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Illinois State Geological Survey

Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION**AQUIFLOW^R Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION**Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS**FEDERAL WATER WELLS****PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION**Oil and Gas Wells Listing**

Source: Illinois State Geological Survey

Telephone: 217-333-5109

Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records

Source: Illinois Geological Survey

Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

RADON**State Database: IL Radon**

Source: Department of Nuclear Safety

Telephone: 217-785-9958

County Radon Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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**Report On: Geotechnical Exploration****Lab No: 16397****Project No: 2023-1301-04G Cust No:1301****Page 1 of 1**

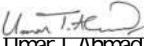
Client: V3 Co.
Project: Crest Hill Water Main
Replacement-Geotechnical Exploration
and Pavement Thickness Determination
Report No: 001
Location: Various Locations, Crest Hill, IL

Report Date: 09/21/2023
Test Date: 08/21/2023

See attachment for the Geotechnical Exploration/Feasibility Study Report for Water Main Improvements and Pavement Thickness Determination at Various Locations within Village of Crest Hill.

Orig: V3 Co. Attn: Mr.Jason Holy (1-ec copy)
1-cc Laboratory

Respectfully Submitted,


Umar T. Ahmad, PE





www.nstengr.com

Item 5.

**GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR
Water Main Improvements and Pavement Thickness Determination at
Various Locations
Crest Hill, IL**

PROJECT NUMBER 2023-1301-04G

Prepared For

**Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517**



www.nstengr.com

Item 5.

**Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517**

Date: 9/11/2023

RE: Preliminary Geotechnical Exploration Report-Feasibility Study and Pavement Thickness Determination for the Water Main Improvements at Various Locations
Crest Hill, IL

Dear Mr. Holy:

Following your authorization on August 7, 2023, of our proposal dated August 7, 2023; we have completed this geotechnical exploration. Enclosed you will find the results of our field exploration, related laboratory testing, and geotechnical exploration report. This report is the instrument of service defined in our proposal; we are also submitting electronic copies.

We have enjoyed working with you on this phase of the project. Should you have any questions or if we can be of further assistance, please do not hesitate to contact us.

Sincerely,
NASHnal Soil Testing, LLC

Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148



Expires 11/30/2023



www.nstengr.com

**GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR
Water Main Improvements and Pavement Thickness Determination at
Various Locations
Crest Hill, IL**

PROJECT NUMBER 2023-1301-04G

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INTRODUCTION

It is our understanding that the Village of Crest Hill is planning to improve the water Main along Circle Street, Green Street, and Oakland Avenue in Crest Hill, Illinois and would like to determine if the area is suitable for the proposed improvements.

At the time of our initial site visit, the area consisted of existing paved roadways/Streets. The topography of the site was observed to be relatively sloping towards the South and West with surface elevations ranging from 597.00 to 639.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor toe these elevations to National Geodetic Vertical Datum.

To evaluate the subsurface soil profile in the area of the proposed improvements, the client requested to drill ten (10) soil borings extending to a depth of 10 feet each below the existing grade (BEG).

Based upon our findings in this subsurface investigation, we believe that the major limiting geotechnical concerns for the water main improvements would be the stiff and firm lean clay with high moisture encountered in B-1, B-5 & B-6.

SCOPE OF SERVICES

The purpose of this report is to describe the soil and groundwater conditions encountered in our geotechnical exploration, to review and evaluate these conditions with respect to the proposed project, and to present the conclusions and recommendations. Our scope of services for this project, as outlined in our proposal, is limited to the following elements.

1. Exploration of the subsurface soil and groundwater conditions by drilling and sampling ten (10) soil borings extending to a depth of 10 feet each below the existing ground surface (BEG).
2. Laboratory testing of selected samples for index classification and strength purposes and visual/manual classification of all recovered samples.
3. Development of Geotechnical recommendations, and preparation of this report presenting our findings, evaluations, and recommendations.



FIELD EXPLORATION PROCEDURES

A total of ten (10) soil borings to a depth of 10 feet each were drilled for the watermain improvement. The drilled soil boring locations are shown on the enclosed Plate 2 (Boring Location Diagrams). The GPS coordinates are written on top of each boring log. The client specified the number, depths, and locations of the borings.

The borings were drilled using a track mounted Geoprobe 7822 DT drill rig, using hollow stem augers to advance the boreholes. The soil sampling was performed in accordance with the split-barrel procedure (ASTM: D 1586) with an automatic hammer, and in-situ undisturbed samples were retrieved using a split spoon sampler. The field engineer-maintained field logs noting the drilling and sampling methods, along with Standard Penetration values (N-values, "blows per foot"), observed groundwater levels, and preliminary soil classifications. Representative samples of the recovered soils were placed in sealed jars to reduce moisture loss before being submitted to our laboratory for examination, testing, and final classification by a Geotechnical Engineer.

If present, groundwater levels in the boreholes were measured during and after drilling. The levels of any encountered water are noted on the respective logs. The observed groundwater levels are discussed under the "Groundwater Conditions" section of this report. The drill crew backfilled the boreholes with soil cuttings after completing the groundwater measurements.

LABORATORY TESTING AND CLASSIFICATION

A Geotechnical Engineer initiated the laboratory classification program by examining each sample to determine the major and minor components, while also noting the color, degree of saturation, and lenses or seams found in the samples. The Engineer directed that selected samples be tested for moisture content and unconfined compressive strength (by hand penetrometer). The test results are shown on the respective logs in the Appendix.

The Geotechnical Engineer visually/manually classified the soils based on texture and plasticity in accordance with the Unified Soil Classification System (USCS). The capital letters in parentheses following the written soil descriptions on the boring logs are estimated group symbols based on this system. A chart describing the properties of the groups under this system is also included in the Appendix. After the classification, the Geotechnical Engineer grouped the soils by type into the strata shown on the boring logs. The stratification lines shown are approximate, *in situ*, as the transition between soil types may be abrupt or gradual in both the horizontal and vertical directions.

Soil samples will be retained for ninety (90) days after the date of this report. Please notify us if there is a desire to have the samples retained beyond this period; otherwise, the samples will be discarded.



SITE CONDITIONS

Topography/Surface Features

At the time of our initial site visit, the areas were paved roads. The topography of the site was observed to be relatively sloping towards the South and West with surface elevations ranging from 597.00 to 639.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

Soil Conditions

The soils encountered are shown on the borehole log in the Appendix of this report. The soil characteristics have been established only at the specific boring locations and under the environmental conditions at the time of our field exploration. Variations in the soil stratigraphy, compressive strength of the soil, and moisture content were encountered; and additional variations probably exist between and around the borings. The nature and extent of these variations would not become evident until exposed by construction excavation.

In general, underlying the surficial silty clay topsoil and fill soils, the site is predominately formed of soft to stiff lean clay, loose to medium dense silty sand. The soil profile described below is a generalized description of the conditions encountered at the boring location. The borehole log should be referred to for more specific information.

Borings B-1-Core C-1: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-2-Core C-2: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-3-Core C-3: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-4-Core C-3: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-5-Core C-5: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-6-Core C-6: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-7-Core C-7: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-8-Core C-8: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-9-Core C-9: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-10-Core C-10: Pavement cores for Asphalt thickness only (See Plate 13)

In boring B-1, Approximately 3.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff to stiff to hard brown and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-2, Approximately 4.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 6.0 feet BEG. Underlying the brown and gray mottled lean clay (CL), hard, brown lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by hard, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.



In boring B-3, Approximately 5.5 inches of asphalt and 8 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), stiff to very stiff, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by very stiff, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-4, Approximately 5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), hard, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by hard, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-5, Approximately 4.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by hard, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), firm, light brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by very stiff, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-6, Approximately 10 inches of asphalt and 9 inches of aggregate base were noted at the surface followed by loose, brown, and gray gravelly sand fill (FILL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the brown and gray gravelly sand fill (FILL), hard, to stiff brown lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. Free ground water was encountered during drilling at 7.5 feet BEG. No free ground water was encountered after drilling.

In boring B-7, Approximately 10 inches of asphalt and 5 inches of aggregate base were noted at the surface followed by hard, brown lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG. Underlying the brown lean clay (CL), very stiff, brown and gray lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. Free ground water was encountered during drilling at 7.5 feet BEG. No free ground water was encountered after drilling.

In boring B-8, Approximately 5 inches of asphalt and 6 inches of aggregate base were noted at the surface followed by hard brown and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-9, Approximately 9 inches of asphalt and 9 inches of aggregate base were noted at the surface followed by very stiff, brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the brown lean clay (CL), hard, brown, and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.



In boring B-10, Approximately 9 inches of asphalt and 6 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), very stiff to hard, brown lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

The soft to hard consistency of silty clay was exhibited by calibrated pocket penetrometer resistance (PPR) values of 0.5 ton per square foot (tsf) to more than 4.5 tsf. Natural moisture content in silty clay was tested to range from 13.1 to 28.4 percent.

Groundwater Conditions

Groundwater level observations were made during and upon completion of drilling. Free groundwater was encountered during drilling in boring locations B-6 & B-7. No free ground water was encountered after drilling at all boring locations.

It should be noted that groundwater levels are subject to seasonal and long-term variations in response to climatic conditions and man-made influences. Groundwater levels particularly in less permeable cohesive soils (clay) like those found at the site occasionally, may not have had adequate time to stabilize prior to backfilling the boreholes. The hydrostatic groundwater level and any perched water levels will vary in elevation seasonally and annually depending on local amounts of precipitation, evaporation, surface runoff, infiltration, and land use. If detailed information about the groundwater levels is required, we recommend installing piezometers or monitoring wells to permit long-term observation of the groundwater levels and the fluctuations in these levels.

The stratifications shown on the Boring Logs represent the conditions at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the actual transition may be gradual.

Brown and gray coloration is typically an indication of a semi-permanent groundwater table. The brown and gray coloration of clay soils is indicative of oxidation whereas the gray coloration is indicative of a lack of oxidation which tends to occur below the lowest level of groundwater.

REVIEW AND RECOMMENDATIONS

Discussion

Based upon our analysis of the soil conditions, limited laboratory analysis and the available project information, the following recommendations were developed. If the project characteristics are changed from those assumed herein, our recommendations should be reviewed to see



whether any modifications are needed. The soil conditions that were found will permit for the use of traditional waterline support for the proposed project.

Site Preparation

After excavation for water Main, the exposed, naturally occurring subgrade soil should be observed and tested by a Geotechnical Engineer or an experienced Materials Technician from **NASHnal Soil Testing, LLC** office to identify unsuitable soils if encountered.

Pipe Subgrade

Open Trench for the planned water main and services should be installed and backfilled in accordance with the current Standard Specifications for Water and Sewer Main Construction as recommended by **Illinois Department of Transportation (IDOT)**. The water main should be installed in accordance with the project details to provide proper support for the pipe.

A minimum of Ten (10) inches of bedding stone (such as material meeting IDOT gradation requirements of CA-7 or other approved material) should be placed under the pipe and cover lower half of the pipe placed. Cobbles and boulders greater than three (3) inches in diameter should be removed from the pipe subgrade with their voids filled with bedding stone. The planned utilities are anticipated to include ductile iron pipe (DIP) or PVC Pipe. The planned invert elevation was not provided in the project documents but is anticipated to be located at a depth ranging from 4 to 8 feet below existing grade.

As revealed by the soil borings, subgrade soil will mostly be comprised of firm to hard clay and are suitable for the proposed construction. Any areas found to be unsuitable within the pipe bedding and/or in excavation should be undercut further and replaced with new approved compacted bedding material. When excavating for trenches, the subgrade soil should be carefully observed, and any unsuitable or unstable materials should be removed from the exposed trench bottom. If perched water is encountered or if rain or snowfall occurs, dewatering may be required in these areas when exposed or if subjected to any other form of water infiltration that would saturate the area.

Granular fill meeting the CA-6 gradation specifications should be placed in 8 to 10-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557). If used above the bedding material for trench backfill, clayey materials should be placed in 6 to 8-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557) or 98% of the maximum Standard Proctor dry density (ASTM: D 698). Please refer to the notes in the report Appendix concerning placement of compacted fill soils.

Care should be exercised so as not to disturb the clayey, bearing materials encountered at the bottom of the excavation. The exposed subgrade should be carefully observed by our representative to verify that the new bedding material will be placed on suitable bearing materials.



Representative samples should be tested in the excavations to verify that the materials at the subgrade resemble those described on the Boring Logs. Any unsuitable, mixed, or organic materials should be completely removed from these areas.

Trenchless Excavation / Horizontal Directional Drilling (HDD):

Trenchless Excavation or Horizontal directional drilling (HDD) method can also be an option for this project. HDD typically includes drilling a pilot hole to a specified point. The hole is then enlarged gradually using a proper tool to approximately 1.5 times the diameter of the new pipe. The pipe is pulled back through the drilled path towards the drill rig. The pipe may be pulled back using either the cartridge method which involves connecting the joints during installation or the assembly line method which involves stringing out the pipe and connecting the joints at the ground surface prior to pulling back.

The unsuitable relatively low strength material was encountered at 6.5-8.5 feet below existing grade (BEG) in B-1, at 3.5-8.5 feet BEG in B-5, and 6.5-10.0 feet BEG at B-6. If the planned pipe depth is anticipated to be in this profile especially what is called firm to stiff lean clay materials, this may cause some restraints to HDD installation, however contractor should be ready to deal with such concerns and should be dealt by the contractor as means and method of installation. There may not be caving concerns in all borings during installation of HDD. In general, the subsurface soils are considered suitable for trenchless excavation/HDD methods.

As a general industry practice, the use of thick drilling mud, comprised of a bentonite slurry, is recommended to lubricate the cutting head during the drilling operations and coat/seal and maintain the bored path prior to and during installation or pull back. Resistivity, pH and any other testing was not part of our scope.

Pipe Corrosion Potential:

Based upon the limited testing performed such as pH value, Soil Corrosivity potential is minimal. The pH value of selective 3 samples were taken from upper 8 feet of boring B-2, B-3 and B-8 and determined the pH values of 8.0, 8.1 and 8.1 respectively.

Ductile iron pipe (DIP) if used should be protected using a polyethylene wrap, installed in accordance with ANSI/AWWA specifications/project specifications. Design should include an investigation for potential stray currents in the area. Cathodic protection to adjacent pipes or utilities in the area can be a source for higher amounts of potential stray currents. If that is the case, additional protection may be required.



CONSTRUCTION CONSIDERATIONS

Groundwater

Based on the conditions found in some of the borings, free groundwater (possibly perched) is expected during the excavation for trenches or during the soil improvement process. Any water, which enters excavations from perched groundwater seepage, surface run-off, or direct precipitation, must be promptly pumped out. Water must not be allowed to pond in the trenches on exposed bearing soils or subgrade soils since it could soften and disturb them. The contractor should be prepared to handle surface groundwater encountered during the construction. The contractor shall plan an appropriate dewatering scheme so that all construction activities are performed in dry and stable conditions.

Equipment Selection/Soil Disturbance

The soil types at this site, particularly the silty clays when they are saturated or during freeze/thaw conditions, could be disturbed by construction equipment. It is the contractor's responsibility to choose equipment and work procedures, which will not unduly disturb the subgrade soils in the construction and landscaped areas. The contractor should also route construction traffic away from areas of planned pavement and slabs, to minimize soil disturbance.

If the equipment that is chosen causes rutting or pumping of the soils, it is the contractor's responsibility to switch to other types of equipment. The responsibility to properly select construction equipment to avoid disturbing soils on the site lies solely with the contractor. A note to this effect should be included in the project specifications.

Winter Construction

If the construction of this project begins or extends into the winter, the contractors must take special precautions. Only unfrozen fill and backfill should be used, and contractors may charge extra for importing unfrozen soil or keeping stockpiles of backfill from freezing. Clay soils will be especially difficult to work with under cold wet and/or freezing conditions. Placement of fill and/or concrete must not be permitted on frozen soil, and the bearing soils or subgrade should not be allowed to freeze after the concrete is placed. All footing excavations should be protected from freezing conditions and maintained free of ponded water before concrete placement. The concrete should be cast as soon as possible after excavation is prepared and backfilled as soon as possible after the concrete has attained its strength.



Construction Safety

All excavations must comply with the requirements of OSHA 29 CFR, Part 1926, Subpart P "Excavations and Trenches." This document states that excavation safety is solely the responsibility of the contractor; the determination of SAFE slopes for excavation and trenches is to be made by the contractor's "competent person." Reference to this OSHA requirement should be included in the job specifications. The temporary excavation slopes greater than 5 feet in depth should conform to OSHA regulations. In general, such slopes should not be steeper than 1.5 horizontal to 1 vertical (OSHA Soil Type C), unless shoring is used.

The responsibility to provide safe working conditions on this site for earthwork, proposed construction, or any associated operations, is not borne in any manner by NASHnal Soil Testing, LLC.

Field Observation and Testing

Proper observation and testing during the construction phase of this project is an integral part of our recommendations. On-site observation during site preparation, fill placement, compaction, and construction, should be done by qualified personnel from **OUR** office. Exposed soils in excavations for backfill should be tested by means of hand auguring, and with a Dynamic Cone Penetrometer (DCP) in sandy soils or a Static Cone Penetrometer (SCP) in clayey soils.

Proposed fill materials should be submitted to our lab for Proctor compaction tests, and tests to check compliance with our recommendations and project specifications. A representative number of field density tests should be taken in compacted fill to aid in judging its suitability. The materials placed should be tested in accordance with the project specifications. We would be pleased to provide the testing services for this project.

GENERAL QUALIFICATIONS

This report has been prepared based on the soil and groundwater conditions found in our borings and on the design data that you have related to us. This report is intended solely for this project at the specific locations identified in the Introduction and Scope of Services. If there are any changes in size, scope, elevation, structural loads, location, use or nature of the construction from those discussed in the introduction of this report, or if our understanding of the project is incorrect or incomplete, we should be given the opportunity to review or modify our recommendations. If changes are made in the design and we are not given the opportunity to review these changes relative to our recommendations and to respond in writing, or we are not provided the opportunity to confirm the soil conditions are as expressed in this report during the construction of this project, our recommendations will not be considered valid.

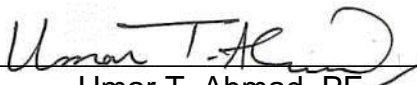
Water Main Improvements and Pavement Thickness Determination
at Various Locations in Crest Hill, IL
Project Number 2023-1301-03G
September 11, 2023

For this geotechnical exploration, we drilled ten (10) soil borings in the specified areas. Variations in the subsurface conditions were found, and it is probable that additional variations exist on the site that cannot be determined from our borings or the site reconnaissance. These variations, which could include greater or shallower depths of unsuitable soils than found at our borings, would not become apparent until the excavation is started. No warranty, express or implied, is presented in this report with respect to the soil and groundwater conditions on this site.

STANDARD OF CARE

The recommendations and opinions contained in this report are based on our interpretation of the subsurface conditions and represent our professional judgment. These judgments were determined in accordance with currently accepted engineering practices at this time and location, by professionals working under similar time and budget constraints. No other warranty is implied or intended.

Prepared by:


Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148



Expires 11/30/2023



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Item 5.

Water Main Improvements and Pavement Thickness Determination
at Various Locations in Crest Hill, IL
Project Number 2023-1301-03G
September 11, 2023

APPENDIX

SITE LOCATION DIAGRAM (Plate No. 1)

BORING LOCATION DIAGRAMS (Plate No. 2)

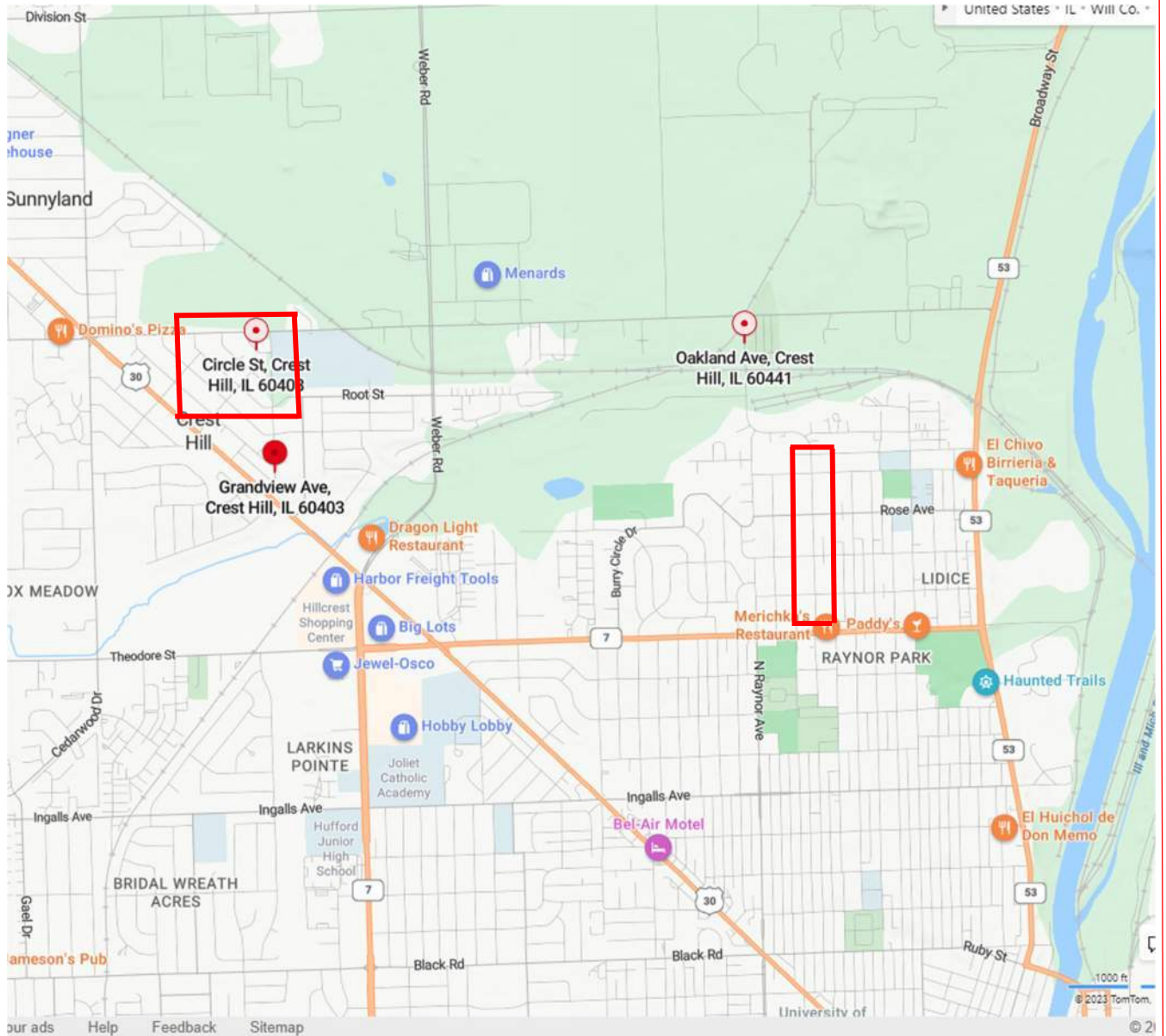
BORING LOGS (Plate No. 3 to 12)

PAVEMENT CORE DATA (Plate 13)

KEY TO TEST DATA

CLASSIFICATION OF SOILS

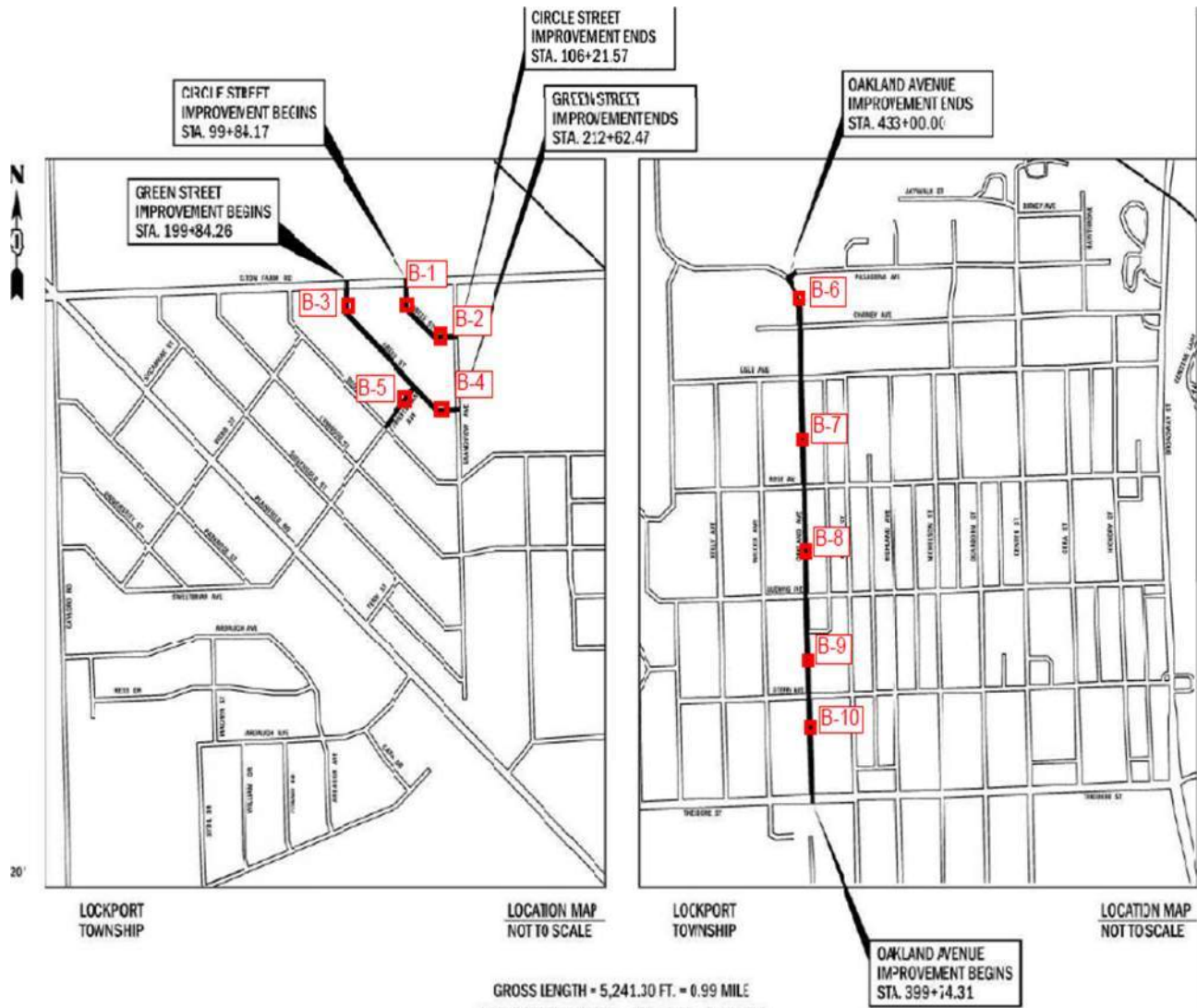
NOTES ON PLACEMENT OF COMPACTED FILL



2023-1301-04G

Plate No. 1

**Water Main Improvements at
Various Locations
Village of Crest Hill, IL
Site Location Diagram**



2023-1301-04G

Plate No. 2

Water Main Improvements at Various Locations Village of Crest Hill, IL Boring Location Diagram



BOREHOLE LOG

N
Item 5.

Client	V3 Companies	Plate 3
Location	Water Main Improvements along Circle Street, Crest Hill, IL (41.565544, -88.132616)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	621.00	Date: 8/21/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	3.5 Inches of Asphalt & 7 Inches of Aggregate Base	620.50
						1.0				620.00
						1.5			Brown and Grey Mottled Lean Clay (CL)	619.50
1	SS	2.75	15.0	24.9	8	2.0			Trace Sand and Gravel-Very Stiff	619.00
						2.5			Unit Weight 102.8 pcf	618.50
						3.0				618.00
						3.5				617.50
						4.0				617.00
2	SS	1.75	18.0	17.4	4	4.5			Stiff	616.50
						5.0			Unit Weight 110.6 pcf	616.00
						5.5				615.50
						6.0		CL		615.00
						6.5				614.50
3	SS	1.00	18.0	23.3	10	7.0				614.00
						7.5			Stiff	613.50
						8.0			Unit Weight 99.9 pcf	613.00
						8.5				612.50
						9.0				612.00
4	SS	4.50	18.0	18.4	10	9.5			Hard	611.50
						10.0			Unit Weight 116.2 pcf	611.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

N
Item 5.

Client	V3 Companies	Plate 4
Location	Water Main Improvements along Circle Street, Crest Hill, IL (41.565095, -88.131991)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	624.00	Date: 8/21/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	4.5 Inches of Asphalt & 7 Inches of Aggregate Base	623.50
						1.0				623.00
						1.5				622.50
1	SS	2.50	17.0	23.9	8	2.0			Brown & Grey Mottled Lean Clay (CL)	622.00
						2.5			Trace Gravel-Very Stiff	621.50
						3.0			Unit Weight 108.6 pcf	621.00
						3.5				620.50
						4.0				620.00
2	SS	2.50	10.0	17.7	11	4.5			Very Stiff	619.50
						5.0			Unit Weight 112.1 pcf	619.00
						5.5				618.50
						6.0				618.00
						6.5			Brown Lean Clay (CL)	617.50
3	SS	4.50	18.0	16.6	15	7.0			Trace Gravel-Hard	617.00
						7.5			Unit Weight 116.4 pcf	616.50
						8.0				616.00
						8.5				615.50
						9.0			Grey Lean Clay (CL)	615.00
4	SS	4.50	18.0	18.3	16	9.5			Trace Gravel-Hard	614.50
						10.0			Unit Weight 115.0 pcf	614.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

N
Item 5.

Client	V3 Companies	Plate 5
Location	Water Main Improvements along Green Street, Crest Hill, IL (41.565503, -88.134245)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	619.00	Date: 8/21/2023

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	5.5 Inches of Asphalt & 8 Inches of Aggregate Base	618.50
						1.0				618.00
						1.5			Dark Brown Lean Clay (CL)	617.50
1	SS	3.25	15.0	24.4	9	2.0			Trace Sand and Gravel-Very Stiff	617.00
						2.5		CL	Unit Weight 99.5 pcf	616.50
						3.0				616.00
						3.5				615.50
						4.0			Brown & Grey Mottled Lean Clay (CL)	615.00
2	SS	1.75	2.0	20.7	3	4.5			Trace Sand and Gravel-Stiff	614.50
						5.0				614.00
						5.5				613.50
						6.0		CL		613.00
						6.5			Very Stiff	612.50
3	SS	2.00	18.0	19.5	7	7.0			Unit Weight 113.9 pcf	612.00
						7.5				611.50
						8.0				611.00
						8.5				610.50
						9.0			Grey Lean Clay (CL)	610.00
4	SS	2.25	13.0	15.5	9	9.5		CL	Trace Sand and Gravel-Very Stiff	609.50
						10.0			Unit Weight 129.7 pcf	609.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

No. 1
Item 5.

Plate 6

Client	V3 Companies
Location	Water Main Improvements along Green Street, Crest Hill, IL (41.563852, -88.131817)
Job Number	2023-1301-04G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2
Boring Elevation (ft)	622.00
Date: 8/21/2023	

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	5 Inches of Asphalt & 7 Inches of Aggregate Base	621.50
						1.0				621.00
						1.5			Dark Brown Lean Clay (CL)	620.50
1	SS	3.75	14.0	19.3	5	2.0			Trace Gravel & Sand-Very Stiff	620.00
						2.5		CL	Unit Weight 105.2 pcf	619.50
						3.0				619.00
						3.5				618.50
						4.0			Brown & Grey Mottled Lean Clay (CL)	618.00
2	SS	4.50	18.0	16.6	9	4.5			Trace Sand and Gravel-Hard	617.50
						5.0			Unit Weight 114.1 pcf	617.00
						5.5				616.50
						6.0		CL		616.00
						6.5				615.50
3	SS	4.50	18.0	16.4	9	7.0			Hard	615.00
						7.5			Unit Weight 118.7 pcf	614.50
						8.0				614.00
						8.5				613.50
						9.0			Grey Lean Clay (CL)	613.00
4	SS	4.50	18.0	15.3	13	9.5		CL	Trace Gravel-Hard	612.50
						10.0			Unit Weight 120.3 pcf	612.00

End of Boring at 10'

Water Level While Drilling : DRY

Water Level After Drilling : DRY

Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

No. 1
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Client	V3 Companies	Plate 7
Location	Water Main Improvements along Green Street, Crest Hill, IL (41.564111, -88.132609)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	622.00	Date: 8/21/2023

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	4.5 Inches of Asphalt & 7 Inches of Aggregate Base	621.50
						1.0				621.00
						1.5			Dark Brown Lean Clay (CL)	620.50
1	SS	4.50	17.0	15.9	6	2.0			Trace Sand and Gravel-Hard	620.00
						2.5		CL	Unit Weight 122.6 pcf	619.50
						3.0				619.00
						3.5				618.50
						4.0			Light Brown & Grey Mottled Lean Clay (CL)	618.00
2	SS	0.75	17.0	28.4	3	4.5			Trace Sand and Gravel-Firm	617.50
						5.0			Unit Weight 103.2 pcf	617.00
						5.5				616.50
						6.0		CL		616.00
						6.5			Firm	615.50
3	SS	0.50	8.0	23.8	9	7.0			Unit Weight 113.5 pcf	615.00
						7.5				614.50
						8.0				614.00
						8.5				613.50
						9.0			Grey Lean Clay (CL)	613.00
4	SS	3.75	8.0	15.8	22	9.5		CL	Trace Sand Gravel-Very Stiff	612.50
						10.0			Unit Weight 128.6 pcf	612.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

BOREHOLE LOG

Item 5.

23856 W. Andrew Rd, Unit 103, Plainfield

Client	V3 Companies	Plate 8
Location	Water Main Improvements along Oakland Ave., Crest Hill, IL (41.560932, -88.098546)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	597.00	Date: 8/21/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5			10 Inches of Asphalt & 9 Inches of Aggregate Base	596.50
						1.0		AS & AGG		596.00
						1.5				595.50
1	SS	NA	10.0	NA	uahmad	2.0			Brown & Grey Gravelly Sand Fill (FILL)	595.00
						2.5		FILL	Loose	594.50
						3.0				594.00
						3.5				593.50
						4.0			Brown Lean Clay (CL)	593.00
2	SS	4.50	17.0	17.9	9	4.5			Trace Sand and Gravel-Hard	592.50
						5.0			Unit Weight 112.7 pcf	592.00
						5.5				591.50
						6.0				591.00
						6.5			Stiff	590.50
3	SS	1.25	17.0	20.6	8	7.0		CL	Unit Weight 106.3 pcf	590.00
						7.5			WL-WD	589.50
						8.0				589.00
						8.5				588.50
						9.0				588.00
4	SS	1.25	4.0	19.8	8	9.5			Stiff	587.50
						10.0			Unit Weight 109.7 pcf	587.00

End of Boring at 10'
 Water Level While Drilling : 7.5 Feet
 Water Level After Drilling : DRY
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

BOREHOLE LOG

Item 5.

23856 W. Andrew Rd, Unit 103, Plainfield

Client	V3 Companies	Plate 9
Location	Water Main Improvements along Oakland Ave., Crest Hill, IL (41.558450, -88.098390)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	624.00	Date: 8/21/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	10 Inches of Asphalt & 5 Inches of Aggregate Base	623.50
						1.0				623.00
						1.5			Brown Lean Clay (CL)	622.50
1	SS	4.50	17.0	18.3	12	2.0			Trace Sand and Gravel-Hard	622.00
						2.5			Unit Weight 113.3 pcf	621.50
						3.0				621.00
						3.5				620.50
						4.0			Brown Lean Clay (CL)	620.00
2	SS	4.50	18.0	16.8	15	4.5			Trace Sand and Gravel-Hard	619.50
						5.0		CL	Unit Weight 115.8 pcf	619.00
						5.5				618.50
						6.0				618.00
						6.5			Hard	617.50
3	SS	4.50	4.0	16.4	12	7.0			Unit Weight 108.8 pcf	617.00
						7.5				616.50
						8.0				616.00
						8.5				615.50
						9.0			Brown & Grey Lean Clay (CL)	615.00
4	SS	3.00	16.0	21.7	15	9.5		CL	Trace Sand and Gravel-Very Stiff WL-WD	614.50
						10.0				614.00

End of Boring at 10'

Water Level While Drilling : 9.5 Feet
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

No. 1
Item 5.

Client	V3 Companies	Plate 10
Location	Water Main Improvements along Oakland Ave., Crest Hill, IL (41.556373, -88.098334)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	633.00	Date: 8/21/2023

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	5 Inches of Asphalt & 6 Inches of Aggregate Base	632.50
						1.0				632.00
						1.5			Light Brown and Grey Mottled Lean Clay (CL)	631.50
1	SS	4.25	16.0	18.4	8	2.0			Trace Sand and Gravel-Hard	631.00
						2.5			Unit Weight 117.6 pcf	630.50
						3.0				630.00
						3.5				629.50
						4.0				629.00
2	SS	4.50	17.0	16.2	10	4.5			Hard	628.50
						5.0			Unit Weight 119.0 pcf	628.00
						5.5				627.50
						6.0		CL		627.00
						6.5			Hard	626.50
3	SS	4.50	17.0	13.1	10	7.0			Unit Weight 124.0 pcf	626.00
						7.5				625.50
						8.0				625.00
						8.5				624.50
						9.0				624.00
4	SS	4.25	18.0	16.8	12	9.5			Hard	623.50
						10.0			Unit Weight 116.7 pcf	623.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

No. 1
Item 5.

Client	V3 Companies	Plate 11
Location	Water Main Improvements along Oakland Ave., Crest Hill, IL (41.554462, -88.098225)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	635.00	Date: 8/21/2023

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	9 Inches of Asphalt & 9 Inches of Aggregate Base	634.50
						1.0				634.00
						1.5				
1	SS	3.25	17.0	19.3	7	2.0		CL	Brown Lean Clay (CL) Trace Sand and Gravel-Very Stiff	633.50 633.00
						2.5			Unit Weight 113.5 pcf	632.50
						3.0				632.00
						3.5				631.50
						4.0				
2	SS	4.50	17.0	20.8	14	4.5			Brown and Grey Mottled Lean Clay (CL) Trace Sand and Gravel-Hard	631.00 630.50
						5.0			Unit Weight 108.0 pcf	630.00
						5.5				629.50
						6.0				629.00
						6.5				
3	SS	4.50	17.0	20.9	9	7.0		CL	Hard Unit Weight 105.5 pcf	628.50 628.00
						7.5				627.50
						8.0				627.00
						8.5				626.50
						9.0				626.00
4	SS	4.50	18.0	20.6	12	9.5			Hard	625.50
						10.0			Unit Weight 109.9 pcf	625.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

No. 1
Item 5.

Client	V3 Companies	Plate 12
Location	Water Main Improvements along Oakland Ave., Crest Hill, IL (41.553797, -88.098171)	
Job Number	2023-1301-04G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	639.00	Date: 8/21/2023

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	9 Inches of Asphalt & 6 Inches of Aggregate Base	638.50
						1.0				638.00
						1.5			Dark Brown Lean Clay (CL)	637.50
1	SS	3.75	10.0	22.5	8	2.0			Trace Gravel-Very Stiff	637.00
						2.5			Unit Weight 99.9 pcf	636.50
						3.0				636.00
						3.5				635.50
						4.0			Brown Lean Clay (CL)	635.00
2	SS	3.25	18.0	23.3	6	4.5			Trace Gravel-Very Stiff	634.50
						5.0			Unit Weight 103.3 pcf	634.00
						5.5				633.50
						6.0				633.00
						6.5			Hard	632.50
3	SS	4.50	17.0	18.0	6	7.0			Unit Weight 113.4 pcf	632.00
						7.5				631.50
						8.0				631.00
						8.5				630.50
						9.0				630.00
4	SS	4.25	4.0	19.0	10	9.5			Hard	629.50
						10.0			Unit Weight 114.7 pcf	629.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

Pavement Core Locations and Thickness Data

	Location	Core-ID	Average Thickness (Inch)
B1	Circle Street (41.565544, -88.132616) STA 99+84.17-STA 106+21.57	C-1	3.5
B2	Circle Street (41.565095, -88.131991) STA 99+84.17-STA 106+21.57	C-2	4.5
B3	Green Street (41.565503, -88.134245) STA 199+84.26-STA 212+52.47	C-3	5.5
B4	Green Street (41.563852, -88.131817) STA 199+84.26-STA 212+52.47	C-5	5.0
B5	Green Street (41.564111, -88.132609) STA 199+84.26-STA 212+52.47	C-6	7.0
B6	Oakland Ave. (41.560932, -88.098546) STA 433+00.00-STA 399+14.31	C-1	10.0
B7	Oakland Ave. (41.558450, -88.098390) STA 433+00.00-STA 399+14.31	C-2	10.0
B8	Oakland Ave. (41.556373, -88.098334) STA 433+00.00-STA 399+14.31	C-3	5.0
B9	Oakland Ave. (41.554462, -88.098225) STA 433+00.00-STA 399+14.31	C-5	9.0
B10	Oakland Ave. (41.553797, -88.098171) STA 433+00.00-STA 399+14.31	C-6	9.0

2023-1301-03G

Plate No. 13

Water Main Improvements at Various Locations Village of Crest Hill, IL Pavement Core Locations and Thickness Data

KEY TO TEST DATA

DRILLING & SAMPLING SYMBOLS:

SL = SS with Liner
 SS = Split Spoon — 1" I.D., 2" O.D., unless otherwise noted
 ST = Shelby Tube — 2" O.D., unless otherwise noted
 PA = Power Auger
 DB = Diamond Bit — NX: BX: AX
 AS = Auger Sample
 JS = Jar Sample
 VS = Vane Shear

ST = 3" Shelby Tube
 HS = Hollow Stem Auger
 WS = Wash Sample
 FT = Fish Trail
 RB = Rock Bit
 BS = Bulk Sample
 PM = Pressuremeter test—in situ

Standard "N" Penetration = Blows per foot of a 140 pound hammer falling 30 inches on a 2-inch OD split spoon, except where noted.

WATER TABLE

MEASUREMENT SYMBOLS

WL = Water Level
 WCI = Cave In
 DCI = Dry Cave In
 WS = While Sampling
 WD = While Drilling
 BC = Before Casing Removal
 ACR = After Casing Removal
 AB = After Boring

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable ground water levels. In impervious soils, the accurate determination of ground water elevations is not possible even after several days observation, and additional evidence of ground water elevations must be sought.

GRADATION DESCRIPTION & TERMINOLOGY

Coarse Grained or Granular Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are described as: clays or clayey silts if they are cohesive, and silts if they are non-cohesive. In addition to gradation, granular soils are defined on the basis of their relative in-place density and fine grained soils on the basis of their strength or consistency, and their plasticity.

Major Component Of Sample	Size Range	Descriptive Term(s) (Of Components Also Present in Sample)	Percent of Dry Weight
Boulders	Over 8 in. (200mm)	Trace	1 — 9 .
Cobbles	8 in. to 3 in. (200mm to 75mm)	Little	10 — 19
Gravel	3 in. to #4 sieve (75mm to 2mm)	Some	20 — 34
Sand	#4 to #200 sieve (2mm to .074mm)	And	35 — 50
Silt	Passing #200 sieve (0.074mm to 0.005mm)		
Clay	Smaller than 0.005mm		

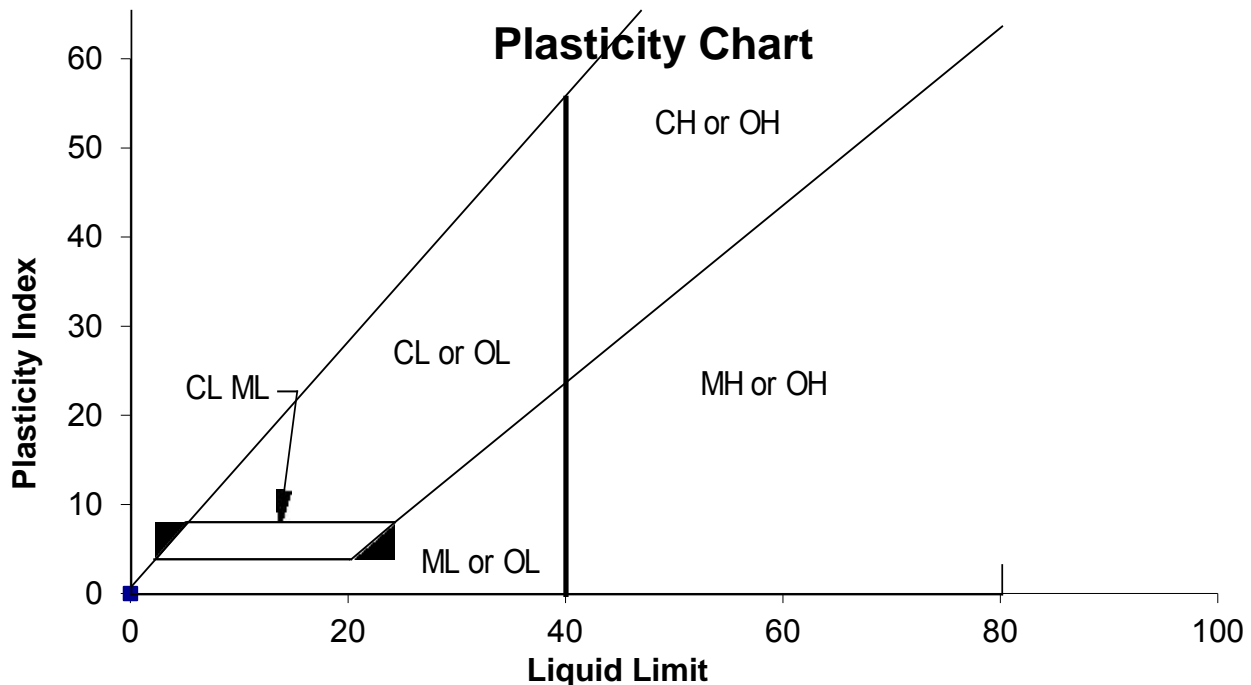
CONSISTENCY OF COHESIVE SOILS

RELATIVE DENSITY OF GRANULAR SOILS

Unconfined Comp. Strength, Q_u , tsf	Consistency	N — Blows/ft.	Relative Density
<0.25 —	Very Soft	0 — 3	Very Loose
0.25 — 0.49	Soft	4 — 9	Loose
0.50 — 0.99	Medium (Firm)	10 — 29	Medium Dense
1.00 — 1.99	Stiff	30 — 49	Dense
2.00 — 3.99	Very Stiff	50 — 80	Very Dense
4.00 — 8.00	Hard	80 +	Extremely Dense
>8.00	Very Hard		

UNIFIED SOIL CLASSIFICATION CHART

CRITERIA FOR ASSIGNING GROUP NAMES & GROUP SYMBOLS USING LABORATORY TEST RESULTS					Soil Classification	
					Group Symbol	Group Name
COURSE-GRAINED SOILS More than 50% retained on #200 Sieve	GRAVELS More than 50% of course fractions are retained on #4 sieve	CLEAN GRAVELS Less than 5% fines	$Cu \leq 4$ and $1 \leq Cc \leq 3$	GW	Well Graded Gravel	
			$Cu < 4$ and/or $1 > Cc > 3$	GP	Poorly Graded Gravel	
		GRAVELS With more than 12% fines	Fines classify as ML or MH	GM	Silty Gravel	
			Fines classify as CL or CH	GC	Clayey Gravel	
	SANDS 50% or more of course fractions passes #4 sieve	CLEAN SANDS Less than 5% fines	$Cu \leq 6$ and $1 \leq Cc \leq 3$	SW	Well Graded Sand	
			$Cu < 6$ and/or $1 > Cc > 3$	SP	Poorly Graded Sand	
		SANDS With more than 12% fines	Fines classify as ML or MH	SM	Silty Sand	
			Fines classify as CL or CH	SC	Clayey Sand	
FINE-GRAINED SOILS 50% or More Passed the #200 Sieve	SILTS & CLAYS Liquid Limit Lower than 50%	Inorganic	$PI > 7$ and plots on or above "A" line	CL	Non to Low Plasticity Clay	
			$PI < 4$ and plots below "A" line	ML	Silt	
		Organic	$\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$	OL	Organic Clay or Silt	
	SILTS & CLAYS Liquid Limit 50% or Higher	Inorganic	PI plots on or above "A" line	CH	Highly Plastic Clay	
			PI plots below "A" line	MH	Elastic Silt	
		Organic	$\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$	OH	Organic Clay or Silt	
			Highly Organic Soils		Primarily organic material, darker and with organic odor	PT



NOTES ON PLACEMENT OF COMPACTED FILL SOIL

GENERAL

The placement of compacted fill for support of foundations, floor slabs, pavements, or earth structures should be carried out by an experienced excavator with the proper equipment. The excavator must be prepared to adapt his procedures, equipment, and materials to the type of project, to weather conditions, and the structural requirements of the architect and engineer. Methods and materials used in summer may not be applicable in winter; fill used in dry excavations may not be suitable in wet excavations or during periods of precipitation; proposed fill soil may require wetting or drying for proper placement and compaction. Conditions may also vary during the course of a project or in different areas of the site. These needs should be addressed in the project drawings and specifications.

EXCAVATION/BACKFILL BELOW THE WATER TABLE

It is common to have to excavate and replace unsuitable soils below the water table for site correction. As a general rule of prudent construction technique, we recommend that excavation/backfill below the water table not be permitted, unless the excavation is dewatered. Numerous problems can develop when this procedure is attempted without dewatering.

- Inability of the equipment operators and soil technicians to observe that all unsuitable soil/materials have been removed from the base of the excavation.
- Inability to observe and measure that proper lateral oversizing is provided.
- Inability to prevent or correct sloughing of excavation sidewalls, which can result in unsuitable soils trapped within the select backfill.
- Inability of the contractor to adequately and uniformly compact the backfill.
- Possibility of disturbance of the suitable soils at the base of the excavation.

The dewatering methods, normally chosen at the contractor's option, should follow prudent construction practice. Excavations in clay can often be dewatered with sump pits and pumps; this technique would not be applicable for excavation extending into permeable granular soil, especially for depths significantly below the water table. Dewatering granular soils should normally be done with well points or wells. When dewatering is needed, we strongly recommend that the procedures be discussed at pre-bid or pre-construction meetings. The architect and engineer should review the dewatering technique chosen by the contractor before construction starts; it should not be left until excavation is under way.

The selection of proper backfill materials is important when working in dewatered excavations. Even with dewatering, the base is usually wet and the contractor must be careful not to disturb the base. We recommend that the first lifts of backfill be a clean medium to coarse grain sand with less than 5% passing the #200 sieve. The use of silty sand, clayey sand, or cohesive/semi-cohesive soils is not recommended for such situations. The excavator should be required to submit samples of the proposed material(s) he plans to use as backfill before the fill is hauled to the site, so that it can be tested for suitability.

WINTER EARTHWORK CONSTRUCTION

Winter earthwork presents its own range of problems, which must be overcome; the situation may be complicated by the need for dewatering discussed above.

During freezing conditions, the fill used must not be frozen when delivered to the site. It also must not be allowed to freeze during or after compaction. Since the ability to work the soil while keeping it from freezing depends in part on the soil type, the specifications should require the contractor to submit a sample of his proposed fill before construction starts, for laboratory testing. If the soil engineer and structural engineer determine that it is not suitable, it should be rejected. In general, silty sand, clayey sand, and cohesive/semi-cohesive soils should not be used as fill under freezing conditions. All frozen soil of any type should be rejected for use as compacted fill.

It is important that compacted fill be protected from freezing after it is placed. The excavator should be required to submit a plan for protecting the soil. The plan should include details on the type and amount of material (straw, blankets, extra loose fill, topsoil, etc.) proposed for use as frost protection. The need to protect the soil from freezing is ongoing throughout construction and applies both before and after concrete is placed, until backfilling for final frost protection is completed. Foundations placed on frozen soil can experience heaving and significant settlement, rotation, or other movement as the soil thaws. Such movement can also occur if the soil is allowed to freeze after the concrete is placed and then allowed to thaw. The higher the percentage of fines (clay and silt, P-200 material) in the fill, the more critical is the need for protection from freezing.



CERTIFICATE OF LIABILITY INSURANCE

DATE (M)
5/28
Item 5.

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Robertson Ryan & Associates, Inc 1770 Park Street, Suite 210 Naperville IL 60563	CONTACT NAME: Maureen Rott PHONE (A/C, No, Ext): 630.420.3400 E-MAIL ADDRESS: mrott@robertsonryan.com	FAX (A/C, No): 630.420.8520
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : THE CINCINNATI INSURANCE COMPANIES		10677
INSURER B : Chubb Indemnity Insurance Co		12777
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER: 2032245567

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU Included <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	EPP 0625850	8/25/2023	8/25/2024	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	EBA0625850	8/25/2023	8/25/2024	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EPP 0625850	8/25/2023	8/25/2024	EACH OCCURRENCE \$15,000,000 AGGREGATE \$15,000,000 \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	Y N/A	EWC 062585102	8/25/2023	8/25/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A B	Inland Marine Pollution Liability Installation Floater			EPP 0625850 CPM G72537695 002	8/25/2023 8/25/2023	8/25/2024 8/25/2024	Leased/Rented Site & Premises \$500,000 Installation Floater \$3,000,000 \$750,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Circle Street - Green Street Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

The following are additional insureds as respects general liability and auto liability coverages on a primary and non-contributory basis, for the work performed by the above insured, as required by direct written contract, subject to the forms and endorsements attached to the policies: City of Crest Hill and their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives; and V3 Companies, LTD. A Waiver of subrogation in favor of the aforementioned additional insureds applies to the general liability, auto liability and workers compensation coverages as required by written contract. Umbrella coverage follows underlying policies.

CERTIFICATE HOLDER

CANCELLATION

City of Crest Hill
20600 City Center Boulevard
Crest Hill IL 60403

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY. Item 5.

CinciPlus® BUSINESS AUTO XC+® (EXPANDED COVERAGE PLUS) ENDORSEMENT

This endorsement modifies insurance provided by the following:

BUSINESS AUTO COVERAGE FORM

With respect to the coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

A. Blanket Waiver of Subrogation

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 5. Transfer of Rights of Recovery Against Others to Us is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for "bodily injury" or "property damage" arising out of the operation of a covered "auto" when you have assumed liability for such "bodily injury" or "property damage" under an "insured contract", provided the "bodily injury" or "property damage" occurs subsequent to the execution or the "insured contract".

B. Noncontributory Insurance

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance c. is deleted in its entirety and replaced by the following:

- c. Regardless of the provisions of Paragraph a. above, this Coverage Form's Liability Coverage is primary and we will not seek contribution from any other insurance for any liability assumed under an "insured contract" that requires liability to be assumed on a primary noncontributory basis.

C. Additional Insured by Contract

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended to include as an insured any person or organization for whom you have agreed in a valid written contract to provide insurance as afforded by this policy.

This provision is limited to the scope of the valid written contract.

This provision does not apply unless the valid written contract has been:

1. Executed prior to the accident causing "bodily injury" or "property damage"; and
2. Is still in force at the time of the "accident" causing "bodily injury" or "property damage".

D. Employee Hired Auto

1. Changes in Liability Coverage

The following is added to the **SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured**:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. Changes in General Conditions

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance is deleted in its entirety and replaced by the following:

- b. For Hired Auto Physical Damage Coverage the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

E. Audio, Visual and Data Electronic Equipment

SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance is amended by adding the following:

4. The most we will pay for all "loss" to audio, visual or data electronic equipment and any accessories used with this equipment as a result of any one "accident" is the lesser of:
 - a. The actual cash value of the damaged or stolen property as of the time of the "accident";
 - b. The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality; or
 - c. \$2,500.

Provided the equipment, at the time of the "loss" is:

- a. Permanently installed in or upon the covered "auto" in a housing, opening or other location that is not normally used by the "auto" manufacturer for the installation of such equipment;
- b. Removable from a permanently installed housing unit as described in Paragraph 2.a. above; or
- c. An integral part of such equipment.

F. Who is an Insured - Amended

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended by adding the following:

The following are "insureds":

1. Any subsidiary which is a legally incorporated entity of which you own a financial interest of more than 50% of the voting stock on the effective date of this coverage form.

However, the insurance afforded by this provision does not apply to any subsidiary that is an "insured" under any other automobile liability policy or would be an "insured" under such policy but for termination of such policy or the exhaustion of such policy's limits of insurance.

2. Any organization that is newly acquired or formed by you and over which you maintain majority ownership. The insurance provided by this provision:

- a. Is effective on the date of acquisition or formation, and is afforded for 180 days after such date;
 - b. Does not apply to "bodily injury" or "property damage" resulting from an "accident" that occurred before you acquired or formed the organization;
 - c. Does not apply to any newly acquired or formed organization that is a joint venture or partnership; and
 - d. Does not apply to an insured under any other automobile liability policy or would be an insured under such a policy but for the termination of such policy or the exhaustion of such policy's limits of insurance.
3. Any of your "employees" while using a covered "auto" in your business or your personal affairs, provided you do not own, hire or borrow that "auto".

G. Liability Coverage Extensions - Supplementary Payments - Higher Limits

SECTION II - LIABILITY COVERAGE, A. Coverage, 2. Coverage Extensions, a. Supplementary Payments is amended by:

1. Replacing the \$2,000 Limit of Insurance for bail bonds with \$4,000 in (2); and
2. Replacing the \$250 Limit of Insurance for reasonable expenses with \$500 in (4).

H. Amended Fellow Employee Exclusion

SECTION II - LIABILITY COVERAGE, B. Exclusions, 5. Fellow Employee is modified as follows:

Exclusion 5. **Fellow Employee** is deleted.

I. Hired Auto - Physical Damage

If hired "autos" are covered "autos" for Liability Coverage, then Comprehensive and Collision Physical Damage Coverages as provided under **SECTION III - PHYSICAL DAMAGE COVERAGE** of this Coverage Part are extended to "autos" you hire, subject to the following:

1. The most we will pay for "loss" to any hired "auto" is \$50,000 or the actual cash value or cost to repair or replace, whichever is the least, minus a deductible.
2. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage, or \$1,000, whichever is less.
3. Hired Auto - Physical Damage coverage is excess over any other collectible insurance.

Item 5.

4. Subject to the above limit, deductible, and excess provisions we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own insured under this policy.

Coverage includes loss of use of that hired auto, provided it results from an "accident" for which you are legally liable and as a result of which a monetary loss is sustained by the leasing or rental concern. The most we will pay for any one "accident" is \$3,000.

If a limit for Hired Auto - Physical Damage is shown in the Schedule, then that limit replaces, and is not added to, the \$50,000 limit indicated above and the deductibles shown in the Schedule are applicable.

J. Rental Reimbursement

SECTION III - PHYSICAL DAMAGE COVERAGE is amended by adding the following:

1. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of a "loss" to a covered "auto". Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductible applies to this coverage.
2. We will pay only for those expenses incurred during the policy period beginning 24 hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days:
 - a. The number of days reasonably required to repair the covered "auto". If "loss" is caused by theft, this number of days is added to the number of days it takes to locate the covered "auto" and return it to you; or
 - b. 30 days.
3. Our payment is limited to the lesser of the following amounts:
 - a. Necessary and actual expenses incurred; or
 - b. \$50 per day.
4. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.
5. We will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under **SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions**.

K. Transportation Expense - Higher Limits Item 5.

SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions is amended by replacing \$20 per day with \$50 per day, and \$600 maximum with \$1,500 maximum in **Extension a. Transportation Expenses**.

L. Airbag Coverage

SECTION III - PHYSICAL DAMAGE COVERAGE, B. Exclusions, 3.a. is amended by adding the following:

However, the mechanical and electrical breakdown portion of this exclusion does not apply to the accidental discharge of an airbag. This coverage for airbags is excess over any other collectible insurance or warranty.

M. Loan or Lease Gap Coverage

1. **SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance** is deleted in its entirety and replaced by the following, but only for private passenger type "autos" with an original loan or lease, and only in the event of a "total loss" to such a private passenger type "auto":
 - a. The most we will pay for "loss" in any one "accident" is the greater of:
 - (1) The amount due under the terms of the lease or loan to which your covered private passenger type "auto" is subject, but will not include:
 - (a) Overdue lease or loan payments;
 - (b) Financial penalties imposed under the lease due to high mileage, excessive use or abnormal wear and tear;
 - (c) Security deposits not refunded by the lessor;
 - (d) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
 - (e) Carry-over balances from previous loans or leases, or
 - (2) Actual cash value of the stolen or damaged property.
 - b. An adjustment for depreciation and physical condition will be made in determining actual cash value at the time of "loss".

2. **SECTION V - DEFINITIONS** is amended by adding the following, but only for the purposes of this **Loan or Lease Gap Coverage**:

"Total loss" means a "loss" in which the cost of repairs plus the salvage value exceeds the actual cash value.

N. Glass Repair - Waiver of Deductible

SECTION III - PHYSICAL DAMAGE COVERAGE, D. Deductible is amended by adding the following:

No deductible applies to glass damage if the glass is repaired in a manner acceptable to us rather than replaced.

O. Duties in the Event of an Accident, Claim, Suit or Loss - Amended

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 2. Duties in the Event of Accident, Claim, Suit or Loss, a. is amended by adding the following:

This condition applies only when the "accident" or "loss" is known to:

1. You, if you are an individual;
2. A partner, if you are a partnership;
3. An executive officer or insurance manager, if you are a corporation; or
4. A member or manager, if you are a limited liability company.

P. Unintentional Failure to Disclose Hazards

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 2. Concealment, Misrepresentation or Fraud is amended by adding the following:

However, if you unintentionally fail to disclose any hazards existing on the effective date of this Coverage Form, we will not deny coverage under this Coverage Form because of such failure.

Q. Mental Anguish Resulting from Bodily Injury

SECTION V - DEFINITIONS, C. "Bodily injury" is deleted in its entirety and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish and death sustained by the same person that results from such bodily injury, sickness or disease. "Bodily injury" does not include mental anguish or death that does not result from bodily injury, sickness or disease.

R. Coverage for Certain Operations in Connection with Railroads

With respect to the use of a covered "auto" in operations for or affecting a railroad:

1. **SECTION V - DEFINITIONS, H. "Insured contract", 1.c.** is deleted in its entirety and replaced by the following:
 - c. An easement or license agreement;
2. **SECTION V - DEFINITIONS, H. "Insured contract", 2.a.** is deleted.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY. Item 5.

CONTRACTORS ADDITIONAL INSURED - AUTOMATIC STATUS AND AUTOMATIC WAIVER OF SUBROGATION WHEN REQUIRED IN WRITTEN CONTRACT, AGREEMENT, PERMIT OR AUTHORIZATION - ILLINOIS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Additional Insured - Owners, Lessees Or Contractors - Automatic Status For Other Parties When Required In Written Contract Or Agreement With You

1. Section II - Who Is An Insured is amended to include as an additional insured any person or organization you have agreed in writing in a contract or agreement to add as an additional insured on this Coverage Part. Such person(s) or organization(s) is an additional insured only with respect to liability for:

a. "Bodily injury", "property damage" or "personal and advertising injury" *caused, in whole or in part, by* the performance of your ongoing operations by you or on your behalf, under that written contract or written agreement. Ongoing operations does not apply to "bodily injury" or "property damage" occurring after:

(1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

(2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project; and

b. "Bodily injury" or "property damage" *caused, in whole or in part, by* "your work" performed under that written contract or written agreement and in-

cluded in the "products-completed operations hazard", but only if:

(1) The Coverage Part to which this endorsement is attached provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard"; and

(2) The written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for that person or organization.

If the written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for a specified length of time for that person or organization, the "bodily injury" or "property damage" must occur prior to the expiration of that period of time in order for this insurance to apply.

If the written contract or written agreement requires you to provide additional insured coverage for a person or organization per only ISO additional insured endorsement form number **CG 20 10**, without specifying an edition date, and without specifically requiring additional insured coverage included within the "products-completed operations hazard", this Paragraph **b.** does not apply to that person or organization.

2. If the written contract or written agreement described in Paragraph **1.** above specifically requires you to provide additional insured coverage to that person or organization:

a. *Arising out of* your ongoing operations or *arising out of* "your work"; or

- b. By way of an edition of an ISO additional insured endorsement that includes *arising out of* your ongoing operations or *arising out of* "your work";

then the phrase *caused, in whole or in part, by* in Paragraph **A.1.a.** and/or Paragraph **A.1.b.** above, whichever applies, is replaced by the phrase *arising out of*.

3. With respect to the insurance afforded to the additional insureds described in Paragraph **A.1.**, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- a. The preparing, approving or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of, or the failure to render, any professional architectural, engineering or surveying services.

4. This Paragraph **A.** does not apply to additional insureds described in Paragraph **B.**

B. Additional Insured - State Or Governmental Agency Or Subdivision Or Political Subdivision - Automatic Status When Required In Written Permits Or Authorizations

1. **Section II - Who Is An Insured** is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision you have agreed in writing in a permit or authorization to add as an additional insured on this Coverage Part. Such state or governmental agency or subdivision or political subdivision is an additional insured only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued, in writing, a permit or authorization.

2. With respect to the insurance afforded to the additional insureds described in Paragraph **B.1.**, the following additional exclusions apply:

This insurance does not apply to:

- a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- b. "Bodily injury" or "property damage" included within the "products-completed operations hazard."

- C. The insurance afforded to additional insureds described in Paragraphs **A.** and **B.:**

1. Only applies to the extent permitted by law;
2. Will not be broader than that which you are required by the written contract, written agreement, written permit or written authorization to provide for such additional insured;
3. Does not apply to any person, organization, state, governmental agency or subdivision or political subdivision specifically named as an additional insured for the same project in the schedule of an endorsement added to this Coverage Part; and
4. Does not apply to the City of Chicago, its officers, employees and agents with respect to liability caused by or arising from:
 - a. The building or disassembly of scaffolding by or for you; or
 - b. The use of such scaffolding.

- D. With respect to the insurance afforded to the additional insureds described in Paragraphs **A.** and **B.**, the following is added to **Section III - Limits Of Insurance:**

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the written contract, written agreement, written permit or written authorization described in Paragraphs **A.** and **B.** For the purpose of determining the required amount of insurance only, we will include the minimum amount of any Umbrella Liability or Excess Liability coverage required for that additional insured in that written contract, written agreement, written permit or written authorization; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance shown in the Declarations.

E. Section IV - Commercial General Liability Conditions is amended to add the following:

Automatic Additional Insured Provision

This insurance applies only if the "bodily injury" or "property damage" occurs, or the "personal and advertising injury" offense is committed:

1. During the policy period; and
2. Subsequent to your execution of the written contract or written agreement, or the issuance of a written permit or written authorization, described in Paragraphs **A.** and **B.**

F. Except when **G.** below applies, the following is added to **Section IV - Commercial General Liability Conditions, 5. Other Insurance**, and supersedes any provision to the contrary:

When Other Additional Insured Coverage Applies On An Excess Basis

This insurance is primary to other insurance available to the additional insured described in Paragraphs **A.** and **B.** except:

1. As otherwise provided in **Section IV - Commercial General Liability Conditions, Other Insurance, b. Excess Insurance**; or
2. For any other valid and collectible insurance available to the additional insured as an additional insured on another insurance policy that is written on an excess basis. In such case, this insurance is also excess.

G. The following is added to **Section IV - Commercial General Liability Conditions, Other Insurance**, and supersedes any provision to the contrary:

Primary Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and

2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary to any other insurance available to the additional insured.

Item 5.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

Primary And Noncontributory Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to and will not seek contribution from any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

H. Section IV - Commercial General Liability Conditions, Transfer Of Rights Of Recovery Against Others To Us is amended by the addition of the following:

Waiver of Subrogation

We waive any right of recovery against any additional insured under this endorsement, because of any payment we make under this endorsement, to whom the insured has waived its right of recovery in a written contract, written agreement, written permit or written authorization. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such additional insured prior to loss.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART SCHEDULE

Designated Location(s):

EACH LOCATION OWNED, RENTED OR LEASED TO OR BY THE NAMED INSURED

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** - Coverage **A**, and for all medical expenses caused by accidents under Section **I** - Coverage **C**, which can be attributed only to operations at a single designated "location" shown in the Schedule above:
1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.
- 4.** The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.
- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** - Coverage **A**, and for all medical expenses caused by accidents under Section **I** - Coverage **C**, which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:
1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
 2. Such payments shall not reduce any Designated Location General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.

- D. For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:

"Location" means premises involving the same or connecting lots, or premises whose connec-

tion is interrupted only by a street, roadway, waterway or right-of-way of a railroad.

- E. The provisions of Section **III** - Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

Item 5.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Blanket Waiver of Subrogation

If you are required by a written contract or agreement, which is executed before a loss, to waive your rights of recovery from others, we agree to waive our rights of recovery.

This waiver of rights applies to any person or organization for whom the Named Insured has agreed by written contract to furnish this waiver, but shall not be construed to be a waiver with respect to any other operations in which the Insured has no contractual interest.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 08-25-23 Policy No. EWC 062 58 51-02 Endorsement No.

Insured AUSTIN TYLER CONSTRUCTION INC

Insurance Company THE CINCINNATI INSURANCE COMPANY

Premium \$INCL

Countersigned by _____

WC 00 03 13



Agenda Memo

Crest Hill, IL

Meeting Date:	June 17, 2024
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	Resolution approving an Agreement for Professional Engineering Services for 2024 Sanitary Sewer Cleaning and Televising Bid and Oversight Services (From Rich Projects to Oakland Avenue) by and Between the City of Crest Hill, Will County, Illinois and Robinson Engineering, Ltd. for an amount of \$26,750.00.

Summary:

The Engineering Department is looking to hire a professional engineering firm to create bid documents for a closed-circuit televising (CCTV) contract, provide CCTV contract management and oversight and CCTV data review and recommendations.

Between 2008-2013, the City completed a substantial amount of sewer investigations and rehabilitation work. This work included lining of approximately 40% of the sanitary sewers in the city.

The overall goals of providing a yearly program to televise and lining existing sanitary sewers will allow the city to assess the structure condition of this critical asset, help reduce inflow and infiltration (I/I) in order to reduce wet weather flows to the city's wastewater treatment plant as well as reduce incidents of sanitary sewer overflows SSO's and basement flooding.

Staff would like to restart this maintenance program with televising of the city's main line truck sewer that goes from Rich Products to Oakland Avenue where the sizes of the sewer range from 12-inch to 21-Inch. The total length of sewer to be televised with this year's program is 15,300 linear feet.

Once the CCTV bid documents are completed, we will go out for a bid for the actual televising work. This work is currently to be scheduled by the end of October of 2024. This information will be used to budget in 2025 what lining or point repair will be needed.

Recommended Council Action: Resolution approving an Agreement for Professional Engineering Services for 2024 Sanitary Sewer Cleaning and Televising Bid and Oversight Services (From Rich Projects to Oakland Avenue) by and Between the City of Crest Hill, Will County, Illinois and Robinson Engineering, Ltd. for an amount of \$26,750.00.

Financial Impact:

Funding Source: Sewer Fund

Budgeted Amount: \$120,000.00

Cost: \$26,750.00

Attachments:

Crest Hill – 2024 – 2024 Cleaning and Televising Program Service Proposal

Cleaning and Televising Program Services Exhibit

Resolution-CCTV Professional Service Proposal

RESOLUTION NO. _____

**A RESOLUTION APPROVING AN AGREEMENT FOR ENGINEERING SERVICES
FOR 2024 SANITARY SEWER CLEANING AND TELEVISIONING BID AND OVERSIGHT
SERVICES (FROM RICH PRODUCTS TO OAKLAND AVENUE) BY AND BETWEEN
THE CITY OF CREST HILL, WILL COUNTY, ILLINOIS AND ROBINSON
ENGINEERING, LTD.**

WHEREAS, the Corporate Authorities of the City of Crest Hill, Will County, Illinois, have the authority to adopt resolutions and to promulgate rules and regulations that pertain to the City's government and affairs and protect the public health and, safety, and welfare of its citizens; and

WHEREAS, pursuant to Section 2-2-12 of the Illinois Municipal Code (65 ILCS 5/2-2-12), the City Council possesses the authority to enter into contracts that serve the legitimate corporate purposes of the City; and

WHEREASECS Robinson Engineering, Ltd. (the "COMPANY"), is an entity that is in the business of providing Professional Services for the 2024 Sanitary Sewer Cleaning and Televisioning Bid and Oversight Services (From rich Products to Oakland Avenue) (the "Services"); and

WHEREAS, the City Council desires to engage the Company to provide the Services and the Company is ready, willing to perform the Services for the City; and

WHEREAS, City Staff have negotiated an AGREEMENT FOR the 2024 Sanitary Sewer Cleaning and Televisioning Bid and Oversight Services (From rich Products to Oakland Avenue) (the "Agreement") with the Company for the purposes of engaging the Company to perform the Services (a copy of the Agreement is attached hereto as Exhibit A and fully incorporated herein); and

WHEREAS, the Staff and City Council has reviewed the Agreement and determined that the conditions, terms, and provisions of the Agreement are fair, reasonable, and acceptable to the City; and

WHEREAS, the City Council has determined that it is in the best interest of the City and its citizens to enter into the Agreement with the Company.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Crest Hill, Illinois, pursuant to its statutory authority, as follows:

SECTION 1: PREAMBLE. The City Council hereby finds that all of the recitals contained in the parable to this Resolution are true, correct and complete and are hereby incorporated by reference hereto and made part hereof.

SECTION 2: AGREEMENT APPROVED. The City Council hereby finds and declares that the conditions, terms, and provisions of this Agreement (Exhibit A) in the amount of \$26,750.00 are fair,

reasonable, and acceptable to the City and that the same is hereby approved in form and substance. Therefore, the City Council hereby authorizes and directs the Mayor to execute and deliver, and the Clerk to attest, the Agreement, and further to take any and all other actions, including without limitation the execution and delivery of any and all documents, necessary and appropriate to effectuate the intent of this Resolution, which is to enter into the Agreement with the Company.

SECTION 3: SEVERABILITY. If any section, paragraph, clause or provisions of this Resolution is held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any other provision of this Resolution.

SECTION 4: REPEALER. All ordinances, resolutions or orders, or parts thereof, which conflict with the provisions of this Resolution, are to the extent of such conflict hereby repealed.

SECTION 5: EFFECTIVE DATE. This Resolution shall be in full force and effect immediately upon its passage and publication according to law.

[Intentionally Blank]

PASSED THIS 17TH DAY JUNE, 2024.

	Aye	Nay	Absent	Abstain
Alderman Scott Dyke	_____	_____	_____	_____
Alderwoman Claudia Gazal	_____	_____	_____	_____
Alderman Darrell Jefferson	_____	_____	_____	_____
Alderperson Tina Oberlin	_____	_____	_____	_____
Alderman Mark Cipiti	_____	_____	_____	_____
Alderman Nate Albert	_____	_____	_____	_____
Alderman Joe Kubal	_____	_____	_____	_____
Mayor Raymond R. Soliman	_____	_____	_____	_____

APPROVED THIS 17TH DAY OF JUNE, 2024.

Raymond R. Soliman, Mayor

ATTEST:

Christine Vershay-Hall, City Clerk

EXHIBIT A

EXHIBIT A**Joseph Sullivan**

Direct Line: (815) 412-2025

Email: joe.sullivan@reltd.com

June 13, 2024

To: City of Crest Hill
2090 Oakland Avenue
Crest Hill, IL 60403

Attn: Ron Wiedeman, P.E., City Engineer
City of Crest Hill

RE: **PROPOSAL FOR PROFESSIONAL ENGINEERING SERVICES FOR
2024 SANITARY SEWER CLEANING AND TELEVISIONING BID AND OVERSIGHT SERVICES (FROM RICH
PRODUCTS TO OAKLAND AVENUE)**

Dear Mr. Wiedeman:

Robinson Engineering, Ltd. (REL) is pleased to present a proposal to perform professional engineering services related to the sanitary sewer cleaning and televising project in the City of Crest Hill's sanitary sewer collection system. We take great pride in partnering with our clients to achieve their goals, and sincerely appreciate the opportunity to offer our expertise and dedication on this project.

Included in this proposal are the following: 1. Project Overview, 2. Scope of Services, 3. Proposed Project Schedule, 4. Items Requested from the City, 5. Payment Terms, 6. Standard Terms and Conditions and 7. Basin Exhibit.

1. PROJECT OVERVIEW

Crest Hill is interested in moving forward with the cleaning and closed-circuit televising (CCTV) for approximately 15,300 linear feet of trunk sanitary sewer lines, from Rich Products, near the intersection of Division Street and Gaylord Road to the intersection of Oakland Avenue and Sak Drive. The sewers range in size from 12-inch to 21-inch and carry wastewater flow to the East Wastewater Treatment Plant (WWTP), as depicted on the attached exhibit.

The overall goal of the project is to assess the structural condition of this critical asset. REL will assist the City in accomplishing this goal by preparing the bidding documents and overseeing the work on the cleaning and televising project, and by reviewing the collected data to identify sewer defects and determine the most cost-effective repairs.

2. SCOPE OF SERVICES

A. CCTV Bid Document Preparation: REL will prepare bid documents and solicit bids for cleaning and closed-circuit televising (CCTV) of approximately 15,300 linear feet of trunk sewer lines from Rich Products to Oakland Avenue. The exhibits and specifications will be prepared in accordance with industry standards for sewer cleaning and televising, including requirements for using the National Association of Sewer Service Companies (NASSCO) Pipe Assessment Certification Program (PACP) coding and grading system for all collected data. REL will respond to contractor's questions during the bidding phases, and issue addenda to the bid documents if required. REL will attend the bid opening, prepare the bid tabulation, assist the City with evaluating the bids, and prepare a letter of recommendation for the award of the sewer cleaning and televising contract.

B. CCTV Contract Management & Oversight: During the cleaning and televising, REL will provide sewer cleaning and televising contract management and onsite observation services as follows:

- Part-time observation (approximately 40 hours, while the contractor is working)
- Responses to contractor inquiries
- Progress updates to the City
- Preparation of any change orders as necessary
- Review of submittals/deliverables
- Review of contractor payment applications and recommendations for payment
- Punch list preparation and project close out

C. CCTV Data Review and Recommendations: REL will provide sewer televising review by a NASSCO, PACP certified reviewer for approximately 15,300 linear feet of trunk sewer lines from Rich Products to Oakland Avenue. CCTV data review will identify deficiencies and provide overall rehabilitation recommendations and cost estimates for repairs. These deficiencies will be incorporated into GIS and displayed on recommended work plan maps for CIPP lining, grouting, T-lining, and point repairs. All recommended sewer repairs will be provided to the City in GIS deliverables, maps, and summary tables detailing estimated costs for work recommended.

D. Project Management and Meetings: In addition to the project planning kick-off meeting, REL will provide project management for the duration of the project and attend additional meetings with the City as needed throughout the duration of the project.

3. PROPOSED PROJECT SCHEDULE

<u>Sequence</u>	<u>Task</u>	<u>Start Date</u>	<u>Target End Date</u>
A.	CCTV Bid Document Preparation	24-Jun-24	22-Jul-24
B.	CCTV Contract Management and Oversight	26-Aug-24	27-Sep-24
C.	CCTV Data Review and Recommendations	27-Sep-24	28-Oct-24
D.	Project Management and Meetings	24-Jun-24	28-Oct-24

4. ITEMS REQUESTED FROM THE CITY

- Any updates to GIS data files for sanitary sewers, manholes, lift stations and force mains
- Any previous inspection data from the trunk sanitary sewer lines (from Rich Products to Oakland Avenue)
- Coordination for bid openings, contract awards and for work during the CCTV project
- Access to the sewer system for cleaning and televising project

5. PAYMENT TERMS

For the above scope of services REL will bill on a percent complete basis, by task, as detailed below.

<u>Task</u>	<u>Description</u>	<u>Cost</u>
A.	CCTV Bid Document Preparation	\$8,490
B.	CCTV Contract Management and Oversight	\$7,400
C.	CCTV Data Review and Recommendations	\$7,620
D.	Project Management and Meetings	\$3,240
Totals		\$26,750

6. STANDARD TERMS AND CONDITIONS

The Standard Terms and Conditions for this proposal are attached hereto and incorporated herein.

June 13, 2024
Proposal for Professional Engineering Services for
2024 Sanitary Sewer Cleaning and Televising Bid and Oversight Services
(From Rich Products to Oakland Avenue)

7. BASIN EXHIBIT

The Basin Exhibit for this proposal is attached hereto and incorporated herein.

Again, we thank you for the opportunity to submit this proposal for your consideration. Please feel free to call me at 815-412-2025 or email at joe.sullivan@reltd.com if you have any questions regarding this proposal, or if any additional information is needed.

Very Truly Yours,



Joseph Sullivan
I&I Department Manager
(630) 346-2877
joe.sullivan@reltd.com

U:\Sullivan_PROPOSALS\Crest Hill\2024 CTH - Cleaning & Televising Program\Crest Hill - 2024 Cleaning and Televising Program Services Proposal.docx

xc: Dana West, PE, CFM, CPESC, Senior Project Manager

Accepted this _____ day of _____, 2024.

By: _____
Signature

Printed Name, Title

ROBINSON ENGINEERING, LTD ("REL")

STANDARD TERMS AND CONDITIONS

Item 6.

CONTRACT – These Standard Terms and Conditions may be amended, added to, superseded, or waived only if both REL and Client specifically agree in writing to any amendment of these Terms and Conditions ("Agreement").

STANDARD OF CARE - The standard of care for all professional engineering, survey or related professional services performed or furnished by REL under this Agreement will be the care and skill ordinarily used by members of the same profession practicing under similar circumstances at the same time and in the same locality. REL makes no warranties, express or implied, under this Agreement or otherwise, in connection with REL's services on this Project.

RELIANCE – REL may, without liability, rely on the accuracy and completeness of information provided by Client, Client's consultants and any contractors, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards without the need for verification.

CHANGES IN SCOPE – The proposed fees constitute REL's estimate to perform the services required to complete the Project. However, all required services are not always definable in the initial planning. Accordingly, circumstances may dictate a change in the scope of services to be performed. Where this occurs, changes in the Agreement shall be negotiated, an equitable adjustment shall be made to REL's compensation and agreed to in writing by REL and Client.

DELAYS – REL shall complete its obligations within a reasonable time. If, through no fault of REL, such periods of time or dates are changed, or the orderly and continuous progress of REL's services is impaired, or REL's services are delayed or suspended, then the time for completion of REL's services, and the rates and amounts of REL's compensation, shall be adjusted equitably.

RIGHT OF ENTRY – Client agrees to obtain legal right-of-entry on the property when entry to property is required by the work of this Agreement.

ENVIRONMENTAL CONDITIONS OF SITE - REL's scope of services does not include any services related to any environmental issues related to the site including petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, or regulated by any Federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic, or dangerous waste, substance, or material.

SUSPENSION & TERMINATION – Client may suspend the Project upon seven (7) days written notice to REL. If REL's services are substantially delayed through no fault of REL, REL may suspend services after giving seven (7) days written notice to Client. Either party may terminate this agreement upon thirty (30) days written notice to the other party in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. If the project resumes after being suspended 30 days or more, the contract fee may be re-negotiated to reflect costs of delay, start-up, and other costs.

Client shall remain liable for and shall promptly pay REL and (if applicable) REL's independent professional associates or consultants for all services rendered to the date of such suspension/termination of services plus suspension/termination charges incurred by REL or REL's independent professional associates or consultants. Suspension/termination charges may include, but not be limited to, salaries, overhead, and fee, incurred by REL or REL's independent professional associates or consultants before the termination date.

OPINION OF PROBABLE COSTS – REL's opinions of probable Construction Cost (if any) are to be made on the basis of REL's experience, qualifications, and general familiarity with the construction industry. However, because REL has no control over the cost of labor, materials, equipment, or services furnished by

others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, REL cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by REL. If Client requires greater assurance as to probable Construction Cost, then Client agrees to obtain an independent cost estimate.

REUSE OF PROJECT DOCUMENTS – All Documents are instruments of service, and REL owns the Documents, including all associated copyrights and the right of reuse at the discretion of REL. REL shall continue to own the Documents and all associated rights whether or not the Specific Project is completed. Client may make and retain copies of Documents for information and reference in connection with the use of the Documents on the Specific Project. REL grants Client a limited license to use the Documents on the Specific Project, extensions of the Specific Project, and for related uses of the Client, subject to receipt by REL of full payment due and owing for all services relating to preparation of the Documents, and subject to the following limitations:

- Client acknowledges that such Documents are not intended or represented to be suitable for use on the Specific Project unless completed by REL, or for use or reuse by Client or others on extensions of the Specific Project, on any other project, or for any other use or purpose, without written verification or adaptation by REL;
- Any such use or reuse, or any modification of the Documents, without written verification, completion, or adaptation by REL, as appropriate for the specific purpose intended, will be at Client's sole risk and without liability or legal exposure to REL or to its officers, directors, members, partners, agents, employees, and REL's independent professional associates or consultants;
- Client shall indemnify and hold harmless REL and its officers, directors, members, partners, agents, employees, and REL's independent professional associates or consultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification of the Documents without written verification, completion, or adaptation by REL; and
- Such limited license to Client shall not create any rights in third parties.

RELATIONSHIP WITH CONTRACTORS – REL shall not at any time supervise, direct, control, or have authority over any contractor's work, nor will REL have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a contractor to comply with Laws and Regulations applicable to that Contractor's furnishing and performing of its work. REL shall not be responsible for the acts or omissions of any contractor. REL shall have no authority to stop the work of any contractor on the Project.

LIMITATION OF LIABILITY – To the fullest extent permitted by law, the total liability, in the aggregate, of REL and its officers, directors, members, partners, agents, employees, or REL's independent professional associates and consultants, to Client, and anyone claiming through or under Client, for any claims, losses, costs, or damages whatsoever arising out of, resulting from or in any way relating to this Project or Contract, from any cause or causes, including but not limited to tort (including negligence and professional errors and omissions), strict liability, breach of contract, or breach of warranty, shall be limited to (1) responsibility for payment of all or the applicable portion of any deductibles, either directly to REL's insurers or in settlement or satisfaction, in whole or in part, of Client's Claims, and (2) total available insurance coverage available to, paid on behalf of or to REL by REL's insurers in settlement or satisfaction of

Client's Initial: _____ Date: _____

Client's Claims under the terms and conditions of REL's applicable insurance policies up to the amount of insurance required under this Agreement.

INSURANCE – REL shall maintain insurance coverage for Professional, Commercial General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with any legal requirements and REL's business requirements. Certificates of Insurance shall be provided by REL upon written request, and they shall name the Client as additional insured on the CGL policy.

INDEMNIFICATION – To the fullest extent permitted by Laws and Regulations, REL shall indemnify, save, hold harmless, and defend (to the extent provided for by the consultant's insurance program) Client, and Client's officers, directors, members, partners, agents, and employees, from losses, damages, and judgments (including reasonable consultants' and attorneys' fees and expenses) arising from third-party claims or actions relating to a Specific Project, provided that any such claim, action, loss, damages, or judgment is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of REL or REL's officers, directors, members, partners, agents, employees, or REL's independent professional associates and consultants. To the fullest extent permitted by Laws and Regulations, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, will not exceed the percentage share that the party's negligence bears to the total negligence of Client, REL, and all other negligent entities and individuals. This indemnification provision is subject to and limited by the provisions included above in "Limitation of Liability."

MUTUAL WAIVER – To the fullest extent permitted by Laws and Regulations, Client and REL waive against each other, and the other's officers, directors, members, partners, agents, employees, or other independent professional associates and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to this Agreement from any cause or causes. Such excluded damages include but are not limited to loss of profits or revenue; loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; and cost of capital.

GOVERNING LAW, JURISDICTION & VENUE – This Agreement shall be governed by, and construed in accordance with, the laws of the State of Illinois. Further, the parties agree and consent to the exclusive jurisdiction of the courts of the State of Illinois for all purposes regarding this Agreement and that venue of any action brought hereunder shall be exclusively in Will County, IL.

NON-ENFORCEMENT – A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

ASSIGNMENT – A party shall not assign its rights or obligations pursuant to this Agreement without the express written permission and consent of the other party. This Agreement shall be binding upon and inure to the benefit of any permitted assigns.

SURVIVAL – All express representations, waivers, indemnifications, and limitations of liability included in this Agreement shall survive its completion or termination for any reason.

THIRD PARTIES - Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Client or REL to any Contractor, Contractor's subcontractor, supplier, other individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement shall be for the sole and exclusive benefit of Client and REL and not for the benefit of any other party.

SEVERABILITY - Any provision or part of the Agreement held Item 6. or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Client and REL, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision.

STATUTE OF LIMITATIONS – To the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence to run, no later than the date of Substantial Completion of this Agreement.

CONFLICTS - If a conflict exists between the Agreement provisions and these Standard Terms and Conditions then these Standard Terms and Conditions shall prevail and control.

DIGITAL TRANSMISSIONS – The parties agree that each may rely, without investigation, upon the genuineness and authenticity of any document, including any signature or purported signature, transmitted digitally, without reviewing or requiring receipt of the original document. Each document or signature so transmitted shall be deemed an enforceable original. Upon request, the transmitting party agrees to provide the receiving party with the original document transmitted digitally; however, the parties agree that the failure of either party to comply with such a request shall in no way affect the genuineness, authenticity, or enforceability of the document. Each party waives and relinquishes as a defense to the formation or enforceability of any contract between the parties, or provision thereof the fact that a digital transmission was used.

COMPLIANCE WITH FREEDOM OF INFORMATION AND OPEN MEETING ACTS - REL and (if applicable) REL's independent professional associates or consultants may be required to produce documents and emails as part of the Freedom of Information Act and Open Meetings Act (Illinois Public Act 96-0542), or from a court ordered subpoena. Requests of this nature are beyond the control of REL and are specifically not included in this contract. REL will notify the Client of any request received on behalf of this contract and will invoice the Client for time and materials at the published rates in effect at the time of the request.

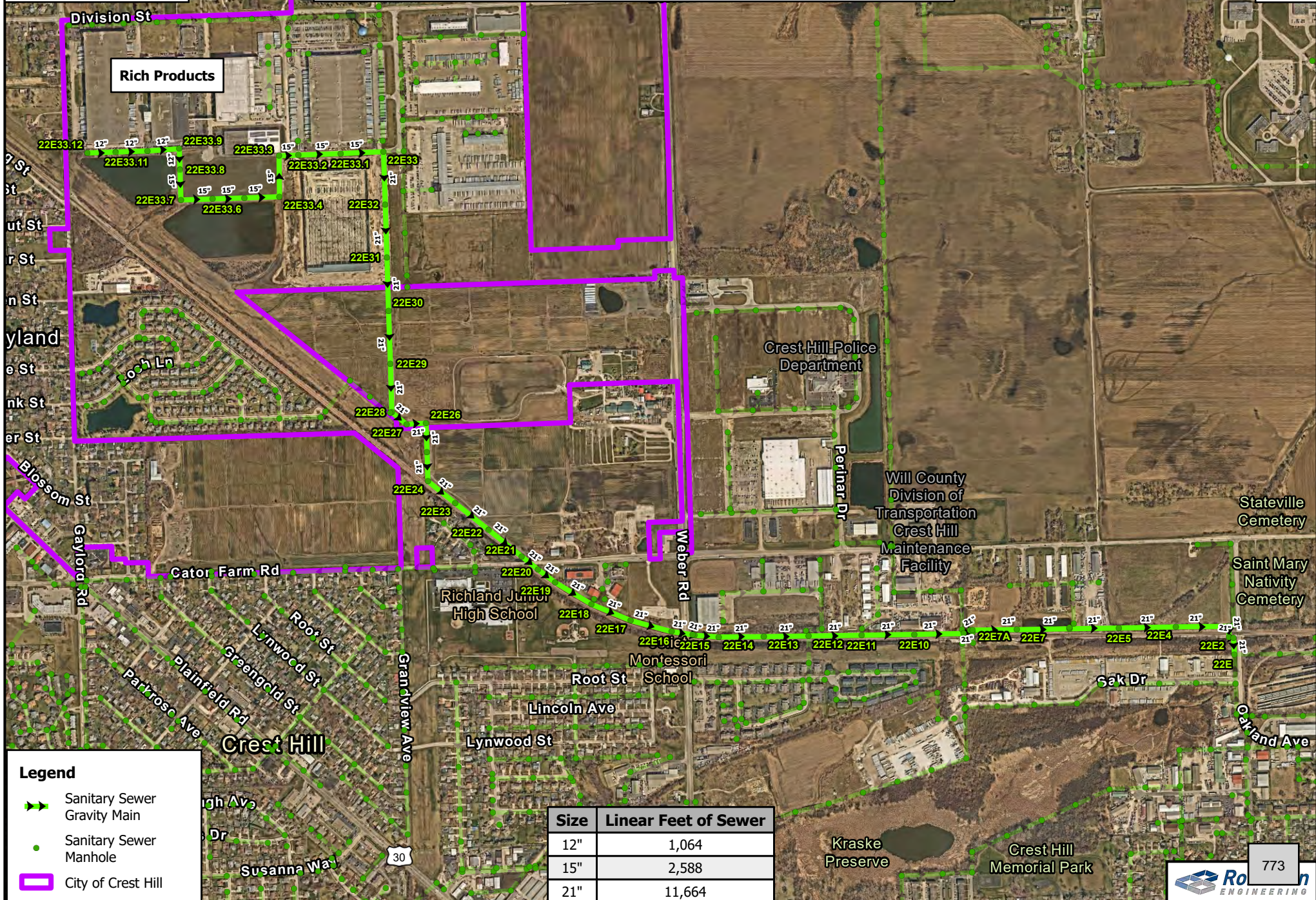
TERMS OF PAYMENT – As it applies to county, township, municipality, municipal corporation, school district, school board, forest preserve district, park district, fire protection district, sanitary district and all other local governmental units, the Illinois Prompt Payment Act (30 ILCS 540 et seq) shall apply. For Clients not covered by the Illinois Prompt Payment Act (30 ILCS 540 et seq), Client recognizes that late payment of invoices results in extra expenses for REL and (if applicable) REL's independent professional associates or consultants. As such, REL and (if applicable) REL's independent professional associates or consultants retains the right to assess Client interest at a rate of one percent (1%) per month, but not to exceed the maximum rate provided for by law, on invoices which are not paid within thirty (30) days from the date of the invoice. Also, Client agrees to pay reasonable attorney and collection fees incurred by REL in the collection of Client's past due amounts. In the event undisputed portions of REL's invoices are not paid when due, REL reserves the right to suspend the performance of its services under this Agreement until all past due amounts including services, expenses, assessed charges, reasonable attorney and collection fees, have been paid in full. Client waives any and all claims against REL for any such suspension.

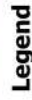
City of Crest Hill

2024 Sanitary Sewer Cleaning and Televising

Item 6.

1:14,000





Size	Linear Feet of Sewer
12"	1,064
15"	2,588
21"	11,664



Agenda Memo

Crest Hill, IL

Meeting Date:	June 17, 2024
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	Resolution approving an Agreement for Weber Road Traffic Signals Improvement (Ryan and McGilvray) by and Between the City of Crest Hill, Will County, Illinois and Christopher B. Burke Engineering, Ltd. for an amount of \$128,000.00.

Summary: Staff would like to have a consultant begin the process of working with the County on moving the existing traffic signals from the intersection of Weber and Ryan to Weber and McGilvray. The attached proposal includes a scope of work that includes sites investigation, preparation of engineering plans for the removal of the existing traffic signal equipment that can be salvage and relocated to the new location, permitting, bid assistance, and coordination with Will County Division of Transportation (WCDOT) and the City of Crest Hill (CITY).

Weber Road is a Strategic Regional Arterial (SRA) route under WCDOT jurisdictions and there are specific rules that apply for these type of routes.

Per standard engineering practice, a 90-day traffic signal removal study will be required before the traffic signal equipment is removed and all traffic signal removal procedures will need to be coordinated with and approved by the WCDOT.

The proposal includes the extension of roadway lighting to just south of McGilvery.

Attached is an agreement from Christopher B. Burke Engineering, Ltd. to provide professional design services based on the scope discussed above.

Construction Engineering has not been negotiated at this time, but will be once the project is ready for bid. Once the construction engineering scope and fee are determined an agreement will be presented to the City Council for review and approval.

The project schedule is to have the entire bid package ready for bidding by late Spring 2025 with the intent that the project can be issued for bid in early 2025 and constructed during the 2025 construction season if funding is available.

Recommended Council Action: Resolution approving an Agreement for Weber Road Traffic Signals Improvement (Ryan and McGilvray) by and Between the City of Crest Hill, Will County, Illinois and Christopher B. Burke Engineering, Ltd. for an amount of \$128,000.00.

Financial Impact:

Funding Source: MFT

Budgeted Amount: \$236,335 (Account No 05-00-5330)

Cost: \$128,000

Attachments:

Resolution Weber & McGilvray (1)

BLR 05530_Complete

RESOLUTION NO. _____

**A RESOLUTION APPROVING AN AGREEMENT FOR WEBER ROAD TRAFFIC
SIGNALS IMPROVEMENTS (RYAN AND MCGILVRAY BY AND BETWEEN THE
CITY OF CREST HILL, WILL COUNTY, ILLINOIS AND CHRISTOPHER B. BURKE
ENGINEERING, LTD.**

WHEREAS, the Corporate Authorities of the City of Crest Hill, Will County, Illinois, have the authority to adopt resolutions and to promulgate rules and regulations that pertain to the City's government and affairs and protect the public health and, safety, and welfare of its citizens; and

WHEREAS, pursuant to Section 2-2-12 of the Illinois Municipal Code (65 ILCS 5/2-2-12), the City Council possesses the authority to enter into contracts that serve the legitimate corporate purposes of the City; and

WHEREAS, Christopher B. Burke Engineering, Ltd. (the "COMPANY"), is an entity that is in the business of providing engineering services, including sites investigation, preparation of engineering plans for the removal of the existing traffic signal equipment that can be salvage and relocated to the new location, permitting, bid assistance, and coordination with Will County Division of Transportation (WCDOT) and the City of Crest Hill.(the "Services"); and

WHEREAS, the City Council desires to engage the Company to provide the Services and the Company is ready, willing to perform the Services for the City; and

WHEREAS, City Staff have negotiated an AGREEMENT FOR Weber Road Traffic Signals Improvements (Ryan and McGilveray) (the "Agreement") with the Company for the purposes of engaging the Company to perform the Services (a copy of the Agreement is attached hereto as Exhibit A and fully incorporated herein); and

WHEREAS, the Staff and City Council has reviewed the Agreement and determined that the conditions, terms, and provisions of the Agreement are fair, reasonable, and acceptable to the City; and

WHEREAS, the City Council has determined that it is in the best interest of the City and its citizens to enter into the Agreement with the Company.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Crest Hill, Illinois, pursuant to its statutory authority, as follows:

SECTION 1: PREAMBLE. The City Council hereby finds that all of the recitals contained in the parable to this Resolution are true, correct and complete and are hereby incorporated by reference hereto and made part hereof.

SECTION 2: AGREEMENT APPROVED. The City Council hereby finds and declares that the conditions, terms, and provisions of this Agreement (Exhibit A) in the amount of 128,000.00 are fair, reasonable, and acceptable to the City and that the same is hereby approved in form and substance. Therefore, the City Council hereby authorizes and directs the Mayor to execute and deliver, and the Clerk to attest, the Agreement, and further to take any and all other actions, including without limitation the execution and delivery of any and all documents, necessary and appropriate to effectuate the intent of this Resolution, which is to enter into the Agreement with the Company.

SECTION 3: SEVERABILITY. If any section, paragraph, clause or provisions of this Resolution is held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any other provision of this Resolution.

SECTION 4: REPEALER. All ordinances, resolutions or orders, or parts thereof, which conflict with the provisions of this Resolution, are to the extent of such conflict hereby repealed.

SECTION 5: EFFECTIVE DATE. This Resolution shall be in full force and effect immediately upon its passage and publication according to law.

[Intentionally Blank]

PASSED THIS 17th DAY JUNE, 2024.

	Aye	Nay	Absent	Abstain
Alderman Scott Dyke	_____	_____	_____	_____
Alderwoman Claudia Gazal	_____	_____	_____	_____
Alderman Darrell Jefferson	_____	_____	_____	_____
Alderperson Tina Oberlin	_____	_____	_____	_____
Alderman Mark Cipiti	_____	_____	_____	_____
Alderman Nate Albert	_____	_____	_____	_____
Alderman Joe Kubal	_____	_____	_____	_____
Mayor Raymond R. Soliman	_____	_____	_____	_____

APPROVED THIS 17THDAY OF JUNE, 2024.

Raymond R. Soliman, Mayor

ATTEST:

Christine Vershay-Hall, City Clerk

EXHIBIT A



Local Public Agency
Engineering Services Agreement

Agreement For	Agreement Type
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No MFT PE	Original

LOCAL PUBLIC AGENCY

Local Public Agency	County	Section Number	Job Number
City of Crest Hill	Will	24-00058-00-TL	
Project Number	Contact Name	Phone Number	Email
	Ron Wiedeman	(815) 741-5122	rwiedeman@cityofcresthill.com

SECTION PROVISIONS

Local Street/Road Name	Key Route	Length	Structure Number
Weber Road	0856	0.2 mi	
Location Termini			Add Location
McGilvray Drive to Renwick Road			Remove Location

Project Description

Removal of existing traffic signal at Ryan Drive and installation of new signal at McGilvray Drive, installation of roadway lighting on Weber Road.

Engineering Funding	<input checked="" type="checkbox"/> MFT/TBP	<input type="checkbox"/> State	<input checked="" type="checkbox"/> Other	Local	
Anticipated Construction Funding	<input type="checkbox"/> Federal	<input checked="" type="checkbox"/> MFT/TBP	<input type="checkbox"/> State	<input checked="" type="checkbox"/> Other	Local

AGREEMENT FOR

☐ Phase I - Preliminary Engineering ☒ Phase II - Design Engineering ☒ Phase III - Construction Engineering

CONSULTANT

Prime Consultant (Firm) Name	Contact Name	Phone Number	Email
Christopher B. Burke Engineering	Bryan Welch	(815) 770-2850	bwelch@cbbel.com
Address	City	State	Zip Code
16221 W. 159th Street, Suite 201	Lockport	IL	60441

THIS AGREEMENT IS MADE between the above Local Public Agency (LPA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION. Project funding allotted to the LPA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT," will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

Since the services contemplated under the AGREEMENT are professional in nature, it is understood that the ENGINEER, acting as an individual, partnership, firm or legal entity, qualifies for professional status and will be governed by professional ethics in its relationship to the LPA and the DEPARTMENT. The LPA acknowledges the professional and ethical status of the ENGINEER by entering into an AGREEMENT on the basis of its qualifications and experience and determining its compensation by mutually satisfactory negotiations.

WHEREVER IN THIS AGREEMENT or attached exhibits the following terms are used, they shall be interpreted to mean:

Regional Engineer	Deputy Director, Office of Highways Project Implementation, Regional Engineer, Department of Transportation
Resident Construction Supervisor	Authorized representative of the LPA in immediate charge of the engineering details of the construction PROJECT
In Responsible Charge Contractor	A full time LPA employee authorized to administer inherently governmental PROJECT activities Company or Companies to which the construction contract was awarded

The following EXHIBITS are attached hereto and made a part of hereof this AGREEMENT:

- ☒ EXHIBIT A: Scope of Services
- ☒ EXHIBIT B: Project Schedule
- ☒ EXHIBIT C: Qualification Based Selection (QBS) Checklist
- ☐ EXHIBIT D: Cost Estimate of Consultant Services (BLR 05513 or BLR 05514)
- ☒ EXHIBIT D : Direct Costs Check Sheet (attach BDE 436 when using Lump Sum on Specific Rate Compensation)
- ☐ _____
- ☐ _____
- ☐ _____

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance of the Scope of Services presented in EXHIBIT A for the LPA in connection with the proposed improvements herein before described.
2. The Classifications of the employees used in the work shall be consistent with the employee classifications and estimated staff hours. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are to be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the payroll rate for the work performed.
3. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections required as a result of the ENGINEER'S error, omissions or negligent acts without additional compensation. Acceptance of work by the LPA or DEPARTMENT will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or the responsibility for clarifying ambiguities.
4. That the ENGINEER will comply with applicable Federal laws and regulations, State of Illinois Statutes, and the local laws or ordinances of the LPA.
5. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LPA.
6. To invoice the LPA, The ENGINEER shall submit all invoices to the LPA within three months of the completion of the work called for in the AGREEMENT or any subsequent Amendment or Supplement.
7. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of US Department of Transportation (US DOT) assisted contract. Failure by the Engineer to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the LPA deems appropriate.
8. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without written consent of the LPA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
9. For Preliminary Engineering Contracts:
 - (a) To attend meetings and visit the site of the proposed improvement when requested to do so by representatives of the LPA or the DEPARTMENT, as defined in Exhibit A (Scope of Services).
 - (b) That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by the ENGINEER and affixed the ENGINEER's professional seal when such seal is required by law. Such endorsements must be made by a person, duly licensed or registered in the appropriate category by the Department of Professional Regulation of the State of Illinois. It will be the ENGINEER's responsibility to affix the proper seal as required by the Bureau of Local Roads and Streets manual published by the DEPARTMENT.
 - (c) That the ENGINEER is qualified technically and is thoroughly conversant with the design standards and policies applicable for the PROJECT; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated in Exhibit A (Scope of Services).
10. That the engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with this AGREEMENT (See DIRECT COST tab in BLR 05513 or BLR 05514).

II. THE LPA AGREES,

1. To certify by execution of this AGREEMENT that the selection of the ENGINEER was performed in accordance with the Professional Services Selection Act (50 ILCS 510) (Exhibit C).
2. To furnish the ENGINEER all presently available survey data, plans, specifications, and project information.
3. To pay the ENGINEER:
 - (a) For progressive payments - Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
 - (b) Final payment - Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA and DEPARTMENT a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amount of partial payments previously paid to the ENGINEER.

shall be due and payable to the ENGINEER.

Item 7.

(c) For Non-Federal County Projects - (605 ILCS 5/5-409)

- (1) For progressive payments - Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER. Such payments to be equal to the value of the partially completed work in all previous partial payments made to the ENGINEER.
- (2) Final payment - Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA and STATE, a sum of money equal to the basic fee as determined in the AGREEMENT less the total of the amount of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

4. To pay the ENGINEER as compensation for all services rendered in accordance with the AGREEMENT on the basis of the following compensation method as discussed in 5-5.10 of the BLR Manual.

Method of Compensation:

☐ Percent

☐ Lump Sum

☒ Specific Rate \$128,000.00 (Maximum Fee \$150,000)

☐ Cost plus Fixed Fee:

Total Compensation = DL + DC + OH + FF

Where:

DL is the total Direct Labor,

DC is the total Direct Cost,

OH is the firm's overhead rate applied to their DL and

FF is the Fixed Fee.

Where $FF = (0.33 + R) DL + \%SubDL$, where R is the advertised Complexity Factor and %SubDL is 10% profit allowed on the direct labor of the subconsultants.

The Fixed Fee cannot exceed 15% of the DL + OH.

5. The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any US DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of US DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by US DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this AGREEMENT. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C 3801 et seq.).

III. IT IS MUTUALLY AGREED,

1. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amount, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General, and the DEPARTMENT; the Federal Highways Administration (FHWA) or any authorized representative of the federal government, and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the DEPARTMENT for the recovery of any funds paid by the DEPARTMENT under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
2. That the ENGINEER shall be responsible for any all damages to property or persons out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and save harmless the LPA, the DEPARTMENT, and their officers, agents and employees from all suits, claims, actions or damages liabilities, costs or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.

The LPA will notify the ENGINEER of any error or omission believed by the LPA to be caused by the negligence of the ENGINEER as soon as practicable after the discovery. The LPA reserves the right to take immediate action to remedy any error or omission if notification is not successful; if the ENGINEER fails to reply to a notification; or if the conditions created by the error or omission are in need of urgent correction to avoid accumulation of additional construction costs or damages to property and reasonable notice is not practicable.
3. This AGREEMENT may be terminated by the LPA upon giving notice in writing to the ENGINEER at the ENGINEER's last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LPA all drawings, plats, surveys, reports, permits, agreements, soils and foundation analysis, provisions, specifications, partial and completed estimates and data, if any from soil survey and subsurface investigation with the understanding that all such materials becomes the property of the LPA. The LPA will be responsible for reimbursement of all eligible expenses incurred under the terms of this AGREEMENT up to the date of the written notice of termination.

4. In the event that the DEPARTMENT stops payment to the LPA, the LPA may suspend work on the project. If this agreement is suspended by the LPA for more than thirty (30) calendar days, consecutive or in aggregate, over the term of this AGREEMENT, the ENGINEER shall be compensated for all services performed and reimbursable expenses incurred prior to receipt of notice of suspension. In addition, upon the resumption of services the LPA shall compensate the ENGINEER, for expenses incurred as a result of the suspension and resumption of its services, and the ENGINEER's schedule and fees for the remainder of the project shall be equitably adjusted. Item 7.
5. This AGREEMENT shall continue as an open contract and the obligations created herein shall remain in full force and effect until the completion of construction of any phase of professional services performed by others based upon the service provided herein. All obligations of the ENGINEER accepted under this AGREEMENT shall cease if construction or subsequent professional services are not commenced within 5 years after final payment by the LPA.
6. That the ENGINEER shall be responsible for any and all damages to property or persons arising out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and have harmless the LPA, the DEPARTMENT, and their officers, employees from all suits, claims, actions or damages liabilities, costs or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
7. The ENGINEER and LPA certify that their respective firm or agency:
- (a) has not employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for the LPA or the ENGINEER) to solicit or secure this AGREEMENT,
 - (b) has not agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
 - (c) has not paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for the LPA or the ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - (d) that neither the ENGINEER nor the LPA is/are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
 - (e) has not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property.
 - (f) are not presently indicated for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph and
 - (g) has not within a three-year period preceding this AGREEMENT had one or more public transaction (Federal, State, local) terminated for cause or default.

Where the ENGINEER or LPA is unable to certify to any of the above statements in this clarification, an explanation shall be attached to this AGREEMENT.

8. In the event of delays due to unforeseeable causes beyond the control of and without fault or negligence of the ENGINEER no claim for damages shall be made by either party. Termination of the AGREEMENT or adjustment of the fee for the remaining services may be requested by either party if the overall delay from the unforeseen causes prevents completion of the work within six months after the specified completion date. Examples of unforeseen causes included but are not limited to: acts of God or a public enemy; acts of the LPA, DEPARTMENT, or other approving party not resulting from the ENGINEER's unacceptable services; fire; strikes; and floods.

If delays occur due to any cause preventing compliance with the PROJECT SCHEDULE, the ENGINEER shall apply in writing to the LPA for an extension of time. If approved, the PROJECT SCHEDULE shall be revised accordingly.

9. This certification is required by the Drug Free Workplace Act (30 ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the DEPARTMENT unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to suspension of contract on grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the DEPARTMENT for at least one (1) year but not more than (5) years.

For the purpose of this certification, "grantee" or "Contractor" means a corporation, partnership or an entity with twenty-five (25) or more employees at the time of issuing the grant or a department, division or other unit thereof, directly responsible for the specific performance under contract or grant of \$5,000 or more from the DEPARTMENT, as defined the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (a) abide by the terms of the statement; and
 - (b) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;

- (2) The grantee's or contractor's policy to maintain a drug free workplace;
- (3) Any available drug counseling, rehabilitation and employee assistance program; and
- (4) The penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- (d) Notifying the contracting, or granting agency within ten (10) days after receiving notice under part (b) of paragraph (3) of subsection (a) above from an employee or otherwise, receiving actual notice of such conviction.
- (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.

Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act, the ENGINEER, LPA and the Department agree to meet the PROJECT SCHEDULE outlined in EXHIBIT B. Time is of the essence on this project and the ENGINEER's ability to meet the PROJECT SCHEDULE will be a factor in the LPA selecting the ENGINEER for future projects. The ENGINEER will submit progress reports with each invoice showing work that was completed during the last reporting period and work they expect to accomplish during the following period.

- 10. Due to the physical location of the project, certain work classifications may be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.).
- 11. For Preliminary Engineering Contracts:
 - (a) That tracing, plans, specifications, estimates, maps and other documents prepared by the ENGINEER in accordance with this AGREEMENT shall be delivered to and become the property of the LPA and that basic survey notes, sketches, charts, CADD files, related electronic files, and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request to the LPA or to the DEPARTMENT, without restriction or limitation as to their use. Any re-use of these documents without the ENGINEER involvement shall be at the LPA's sole risk and will not impose liability upon the ENGINEER.
 - (b) That all reports, plans, estimates and special provisions furnished by the ENGINEER shall conform to the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Manual or any other applicable requirements of the DEPARTMENT, it being understood that all such furnished documents shall be approved by the LPA and the DEPARTMENT before final acceptance. During the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.

AGREEMENT SUMMARY

Prime Consultant (Firm) Name	TIN/FEIN/SS Number	Agreement Amount
Christopher B. Burke Engineering	36-3468939	\$120,000.00
Subconsultants	TIN/FEIN/SS Number	Agreement Amount
Seeco Consultants	36-3458492	\$8,000.00
Subconsultant Total		\$8,000.00
Prime Consultant Total		\$120,000.00
Total for all work		\$128,000.00

AGREEMENT SIGNATURES

Item 7.

Executed by the LPA:

Attest: The

Local Public Agency Type

City

 of

Local Public Agency

City of Crest Hill

By (Signature & Date)

By (Signature & Date)

Local Public Agency

City of Crest Hill

Local Public Agency Type

City

Clerk

Title

(SEAL)

Executed by the ENGINEER:

Attest:

Prime Consultant (Firm) Name

Christopher B. Burke Engineering

By (Signature & Date)

Sherry Sporina Digitally signed by Sherry Sporina
Date: 2024.04.17 10:38:24 -05'00'

Title

Vice President

By (Signature & Date)

Michael Kerr Digitally signed by Michael Kerr
Date: 2024.04.17 10:38:07 -05'00'

Title

President

APPROVED:

Regional Engineer, Department of Transportation (Signature & Date)

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number	Item 7.
City of Crest Hill	Christopher B. Burke Engineering	Will	24-00058-00-1	

EXHIBIT A

SCOPE OF SERVICES

To perform or be responsible for the performance of the engineering services for the LPA, in connection with the PROJECT herein before described and enumerated below

See attached.

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number	Item 7.
City of Crest Hill	Christopher B. Burke Engineering	Will	24-00058-00-1	

EXHIBIT B

PROJECT SCHEDULE

Design Completion: December 2024

Issue for Bid: February 2025

Local Public Agency	Prime Consultant (Firm) Name	County	Section Number	Item 7.
City of Crest Hill	Christopher B. Burke Engineering	Will	24-00058-00-1L	

Exhibit C

Qualification Based Selection (QBS) Checklist

The LPA must complete Exhibit D. If the value meets or will exceed the threshold in 50 ILCS 510, QBS requirements must be followed. Under the threshold, QBS requirements do not apply. The threshold is adjusted annually. If the value is under the threshold with federal funds being used, federal small purchase guidelines must be followed.

☒ Form Not Applicable (engineering services less than the threshold)

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

16221 W. 159th Street Suite 201 Lockport, Illinois 60441 TEL (815) 770-2850

April 17, 2024

City of Crest Hill
20600 City Center Boulevard
Crest Hill, IL 60403

Attention: Ron Wiedeman, PE – City Engineer

Subject: Professional Engineering Services Proposal for Final Design
Weber Road Traffic Signal Improvements (Ryan Dr. and McGilvray Dr.)
MFT Section No. 24-00058-00-TL
Crest Hill, Illinois

Dear Mr. Wiedeman:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal for professional engineering services in connection with the proposed traffic signal improvements on Weber Road (Will County Hwy 88) at Ryan Drive and McGilvray Drive. Included in this proposal are our Understanding of the Assignment, Scope of Work and Estimated Fee.

UNDERSTANDING OF THE ASSIGNMENT

The scope of this proposal includes site investigation, preparation of engineering plans for the removal of existing traffic signals at Weber Road/Ryan Drive and signalization of Weber Road at McGilvray Drive, roadway lighting design, permitting, bidding assistance, and coordination with Will County Division of Transportation (WCDOT) and City of Crest Hill (City). CBBEL understands that Weber Road is an SRA route under WCDOT jurisdiction. We also understand that WCDOT has indicated that if the City wishes to signalize the intersection of Weber Road and McGilvray Drive, the existing traffic signal at Weber Road at Ryan Drive will need to be removed. Additionally, roadway lighting will be installed at the Weber Road/McGilvray Drive intersection and potentially northward to meet the existing Weber Road/Renwick Road lighting system.

Project coordination with WCDOT will include agency-specific requirements for removing the existing traffic signal installation, including any required center median work for Weber Road or channelization island for the east approach at Ryan Drive. MUTCD guidance recommends a 90-day traffic signal removal study before the traffic signal equipment is removed. All traffic signal removal procedures will need to be coordinated with and approved by the WCDOT. The existing traffic signal installation at Weber Road/Ryan Drive is currently interconnected to the Weber Road/Renwick Road traffic signal to the north.

CBBEL will coordinate and prepare traffic signal installation plans for the intersection of Weber

Road at McGilvray Drive. We understand the City is interested in relocating existing traffic signal equipment from Weber Road/Ryan Drive to Weber Road/McGilvray Drive. CBBEL will coordinate this request with WCDOT for their consideration.

Additionally, we understand the City desires to investigate installation of roadway lighting on Weber Road for the following scenarios:

1. Standalone intersection/transition lighting at Weber Road/McGilvray Drive
2. Roadway lighting on Weber Road from the southern limit of the existing intersection transition lighting at Weber Road/Renwick Road extending southward to McGilvray Drive, including intersection/transition at McGilvray Drive

CBBEL will prepare a preliminary lighting design submittal for both options. Upon City selection of the preferred option, CBBEL will proceed with the final lighting design for that option. The lighting design will be in accordance with current Will County Standards, City Standards, and ANSI-IES RP-8-21 "American National Standard Practice for Roadway Lighting", latest editions.

SCHEDULE

This proposal assumes that the design of this project will be awarded in April 2024. Engineering design will target completion by December 2024 with the intent that the project can be issued for bid in early 2025.

SCOPE OF WORK

Task 1 – Data Collection: CBBEL will conduct a field reconnaissance of the project area to verify existing roadway characteristics including lane usage, posted speed limit, adjacent land-uses, and other data relevant to the design.

Task 2 – Topographic Survey with ROW Research: Thompson Surveying, Ltd (TSL) will conduct a full topographic survey for the intersections of Weber Road at Ryan Drive and Weber Road at McGilvray Drive. TSL will locate all existing improvements with elevations, including location of trees 6" and greater (diameter at breast height). The intersection of Weber Road at McGilvray Drive will also have an ADA survey for the northeast and southeast corners for any required curb ramp modifications. TSL will provide a boundary survey to establish the right-of-way lines. The survey will also include contacting area utility companies for design atlases and drafting those utilities into the topographic survey files.

Task 3 – Geotechnical Investigation and CCDD Analysis: CBBEL's subconsultant, Seeco Consultants (Seeco), will obtain four (4) soil borings to determine the subsurface soil conditions within the project area. Borings will be drilled to a depth of approximately fifteen (15) feet. Rock coring is excluded from this task. Seeco will prepare a report describing existing soil conditions and make recommendations for remediation. The report will be performed by a Seeco soils engineer and reviewed by CBBEL.

The soil will also be tested for potential contaminants. Seeco will perform investigation and

testing work necessary to substantiate completion of IEPA Form LPC-663 for the City to use during construction. This work will include collection/preservation and testing of soil samples.

Task 4 – Utility Coordination: Based on existing utility information obtained during Tasks 1 and 2, CBBEL will provide preliminary plans to the utility companies to verify their locations and confirm any potential conflicts. CBBEL will identify potential conflicts and coordinate any relocations if necessary.

Task 5 – Traffic Signal Plans, Specifications, and Estimate: This task includes preparation traffic signal plans, specifications, and cost estimate for the proposed traffic signal improvements. This task assumes that preparation of an Intersection Design Study (IDS) will not be required by WCDOT since geometric improvements will not be made to the intersection.

Base Sheet Preparation

CBBEL will prepare base sheets at a scale of 1" = 20' for the traffic signal installation plans and 1" = 50' for the traffic signal interconnect plans using the survey collected in Task 2 and aerial data as needed.

Traffic Signal Removal Plans

This task includes the preparation of traffic signal removal plans for the intersection of Weber Road at Ryan Drive. The existing traffic signal equipment scoped for removal will be shown with notes designating which equipment is to be removed or relocated. Notes will also be provided directing the contractor as to which equipment will be salvaged by the County. Detailed instructions for the contractor during the de-energizing of the existing traffic signal will be developed by CBBEL and coordinated with the County for approval. CBBEL will conduct up to three traffic observations during the key points in the traffic signal removal process to assist in the MUTCD traffic signal removal study (if required) and confirm compliance with the new traffic control at the intersection.

Traffic Signal Installation Plans

The permanent traffic signal plan sheets for Weber Road at McGilvray Drive will include the proposed traffic signal installation plan, proposed cable plan, proposed traffic signal phasing diagram, accessible pedestrian signals and pushbutton construction notes, detection details and notes, emergency vehicle preemption sequence, grounding details, electric service requirements, and schedule of quantities per intersection.

Traffic Signal Interconnect Plans

This task will include developing the proposed traffic signal interconnect plans and the proposed interconnect schematic along Weber Road from Renwick Road to McGilvray Drive. CBBEL will prepare proposed traffic signal interconnect plans at 1" = 50' scale.

Pavement Marking and Signing Plan

CBBEL will develop signing and pavement marking plans to refresh the existing crosswalk striping and install stop bars at Weber Road and McGilvray Drive. The plans will also depict revisions to existing pavement markings at Weber Road and Ryan Drive necessary for compatibility with the proposed improvements. The signing plan will include

removal of the existing stop signs at Weber Road and McGilvray Drive, any required temporary signing, the installation of new stop signs at Weber Road and Ryan Drive, and other signage improvements as needed.

General Plan Sheets

CBBEL will prepare general sheets necessary to complete the plan set(s) for this project. General sheets will include the following:

- Cover Sheet
- General Notes Sheet
- Summary of Quantities Sheet
- Alignment, Ties, and Benchmarks Sheet
- IDOT Detail Sheets
- Project Specific Detail Sheets

Specifications and Estimate

This task includes assembling and developing special provisions for the project for the purpose of acquiring the WCDOT permit and bidding the project. Standard IDOT and WCDOT *special* provisions, along with City standard front-end contract documents, will be used as applicable. In addition, CBBEL will provide an engineer's opinion of probable construction cost estimate with each milestone submittal for the City's information.

Task 6 – Roadway Lighting Design: This task includes preparation of preliminary and final roadway lighting plans, specifications, and cost estimate for the proposed roadway lighting improvements.

Preliminary Submittal (Photometric Calculations)

CBBEL will meet with the appropriate personnel as required to determine the minimum lighting requirements, preferred lighting equipment and obtain existing lighting information. CBBEL will perform a site visit to obtain information regarding the existing field conditions.

Based on the information collected, lighting photometric calculations will be performed for the proposed lighting. The calculations will determine the proposed lighting levels for the roadway and signalized intersections. The photometric calculations will be performed using the last version of AGI32 photometric software. We understand these photometric calculations to include the following:

- Photometric calculations for each individual roadway multi-lane cross section including sidewalk horizontal illuminance calculations.
- Photometric calculations for signalized intersection at Weber Road and McGilvray Drive.

Based on the photometric calculations and existing/proposed field conditions, a proposed light pole layout will be determined, field verified, and incorporated into a preliminary set of lighting plans. A Preliminary lighting submittal report will be created including a project description, target lighting levels with justification, photometric calculations, and cut

sheets of the proposed lighting equipment. The preliminary report will be submitted along with the preliminary plans for review.

Prefinal and Final Submittals

Upon approval of the preliminary submittal, proposed roadway lighting plans/detail sheets and specifications will be prepared. The plan sheets will include the locations of the lighting units along with electric cables/raceways, controller, and hand holes. Detailed drawings will include lighting controller, electric service connection, light pole and luminaire, concrete foundation, pole handhole wiring diagram, one-line circuit diagram, handhole and conduit installation details. Detailed specifications will be prepared along with the appropriate standards. Voltage drop calculations, special provisions, and a construction cost estimate will also be performed under this task and will be provided for review. This task will also include coordination with ComEd for the installation of a new electric service.

CBBEL will respond to review comments and revise the lighting design as required. The revised design will be provided for final review.

Task 7 – Roadway Median/Channelization Plans: The County may require that access control measures be implemented at the Weber Road and Ryan Drive intersection at the time it is converted to an unsignalized intersection. This task includes developing roadway design plans to install a center median and/or channelization island at Weber Road and Ryan Drive to convert the east approach to a right-in/right-out configuration.

CBBEL will prepare specifications and an engineer's opinion of probable construction cost for applicable improvements based on the plans.

Task 8 – ADA Design Details: Due to the proposed improvements at McGilvray Drive, ADA curb ramp improvements will be required at the NE and SE corners of the intersection to meet current PROWAG policy, as the intersection and pedestrian accommodations will be altered. CBBEL will prepare IDOT-style ADA curb ramp design detail sheets that include the following:

- Proposed improvement sheets at 1" = 10' scale (11" x 17") or 1" = 5' scale (22" x 34").
- Proposed elevations located by northing and easting (if alignment data not available) or station/offset information and proposed slopes labeled accordingly on the plan view of each accessibility modification plan sheet.
- All associated modifications/replacement of adjacent curb and gutter, storm sewer structures, and landscaping.

Design of new pedestrian facilities at the NW and SW corners of the intersection or driveway curb ramps are excluded from this task.

CBBEL will prepare specifications and an engineer's opinion of probable construction cost for applicable improvements based on the plans.

Task 9 – WCDOT Permitting: Because Weber Road is a County route, we anticipate that a Traffic Permit from WCDOT will be required to allow for the construction of the project.

CBBEL will fill out and coordinate the WCDOT permit application forms for signature and ensure all required bond information and insurance certification requirements are clearly communicated in the plan set for contractor bidding information.

Task 10 – ComEd Service Coordination: CBBEL will coordinate with the appropriate ComEd representative to determine the power source for the traffic signal. This task includes one (1) field meeting with ComEd.

Task 11 – Bidding Assistance: CBBEL will attend the bid opening, tabulate the bids and make recommendations to the City, prepare contracts for the successful bidder, and attend the preconstruction meeting.

Task 12 – Project Coordination, Meetings, and Management: CBBEL will coordinate with the City and WCDOT throughout the design and permitting of the project. In addition to phone conversations and written and electronic coordination, it is anticipated that up to three (3) meetings will be held, including a kickoff meeting with WCDOT and progress meetings with the City.

CBBEL will prepare agendas, presentations and meeting exhibits as requested by the City. Following attendance at each meeting, CBBEL will prepare meeting summaries.

This proposal assumes that no public involvement will be required during the final design of this project.

ESTIMATE OF FEE

We have determined the following fees for each of the tasks described in this proposal.

Task	Fee
Task 1 – Data Collection	\$ 2,500
Task 2 – Topographic Survey with ROW Research	\$ 14,500
Task 3 – Geotechnical Investigation and CCDD Analysis	\$ 8,000
Task 4 – Utility Coordination	\$ 5,500
Task 5 – Traffic Signal Plans, Specifications, and Estimate	\$ 35,000
Task 6 – Roadway Lighting Design	\$ 35,000
Task 7 – Roadway Median/Channelization Plans	\$ 5,500
Task 8 – ADA Design Details	\$ 4,500
Task 9 – WCDOT Permitting	\$ 2,000
Task 10 – ComEd Service Coordination	\$ 1,500
Task 11 – Bidding Assistance	\$ 4,000
Task 12 – Project Coordination, Meetings, and Management	\$ 9,500
Direct Costs	\$ 500

TOTAL NOT-TO-EXCEED FEE: \$128,000

We will bill you at the hourly rates specified on the attached Schedule of Charges. We will establish our contract in accordance with the attached previously agreed to General Terms and Conditions. Direct costs for blueprints, photocopying, mailing, overnight delivery, messenger services and report compilation are not included in the Fee Estimate. These General Terms and Conditions are expressly incorporated into and are an integral part of this contract for professional services. It should be emphasized that any requested additional services that are not included in the preceding Fee Estimate will be billed at the attached hourly rates.

Please sign and return one copy of this agreement as an indication of acceptance and notice to proceed. Please feel free to contact us anytime.

If you have any questions, please feel free to call.

Sincerely,



Michael E. Kerr, PE
President

Encl. Schedule of Charges
Crest Hill General Terms and Conditions

THIS PROPOSAL, SCHEDULE OF CHARGES, AND GENERAL TERMS AND CONDITIONS
ACCEPTED FOR THE CITY OF CREST HILL.

BY: _____
TITLE: _____
DATE: _____

**CHRISTOPHER B. BURKE ENGINEERING, LTD.
STANDARD CHARGES FOR PROFESSIONAL SERVICES
EFFECTIVE JANUARY 1, 2024 THROUGH DECEMBER 31, 2024**

<u>Personnel</u>	<u>Charges (\$/Hr)</u>
Engineer VI	275
Engineer V	235
Engineer IV	200
Engineer III	175
Engineer I/II	155
Survey V	240
Survey IV	220
Survey III	200
Survey II	160
Survey I	135
Engineering Technician V	215
Engineering Technician IV	190
Engineering Technician III	140
Engineering Technician I/II	125
CAD Manager	210
CAD II	155
GIS Specialist III	175
Landscape Architect	200
Landscape Designer III	155
Landscape Designer I/II	120
Environmental Resource Specialist V	235
Environmental Resource Specialist IV	190
Environmental Resource Specialist III	150
Environmental Resource Specialist I/II	125
Environmental Resource Technician	140
Business Operations Department	160
Engineering Intern	75
<u>Direct Costs</u>	
Outside Copies, Blueprints, Messenger, Delivery Services, Mileage	Cost + 12%

These rates are in effect until December 31, 2024, at which time they will be subject to change.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
GENERAL TERMS AND CONDITIONS WITH THE CITY OF CREST HILL

1. Relationship Between Engineer and Client: Christopher B. Burke Engineering, Ltd. (Engineer) shall serve as Client's professional engineer consultant in those phases of the Project to which this Agreement applies. This relationship is that of a buyer and seller of professional services and as such the Engineer is an independent contractor in the performance of this Agreement and it is understood that the parties have not entered into any joint venture or partnership with the other. The Engineer shall not be considered to be the agent of the Client. Nothing contained in this Agreement shall create a contractual relationship with a cause of action in favor of a third party against either the Client or Engineer.
Furthermore, causes of action between the parties to this Agreement pertaining to acts of failures to act shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date of substantial completion.
2. Responsibility of the Engineer: Engineer will strive to perform services under this Agreement in accordance with generally accepted and currently recognized engineering practices and principles, and in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, express or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinion, document, or otherwise.
Notwithstanding anything to the contrary which may be contained in this Agreement or any other material incorporated herein by reference, or in any Agreement between the Client and any other party concerning the Project, the Engineer shall not have control or be in charge of and shall not be responsible for the means, methods, techniques, sequences or procedures of construction, or the safety, safety precautions or programs of the Client, the construction contractor, other contractors or subcontractors performing any of the work or providing any of the services on the Project. Nor shall the Engineer be responsible for the acts or omissions of the Client, or for the failure of the Client, any architect, engineer, consultant, contractor or subcontractor to carry out their respective responsibilities in accordance with the Project documents, this Agreement or any other agreement concerning the Project. Any provision which purports to amend this provision shall be without effect unless it contains a reference that the content of this condition is expressly amended for the purposes described in such amendment and is signed by the Engineer.
3. Changes: Client reserves the right by written change order or amendment to make changes in requirements, amount of work, or engineering time schedule adjustments, and Engineer and Client shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes, if commercially possible.
4. Suspension of Services: Client may, at any time, by written order to Engineer (Suspension of Services Order) require Engineer to stop all, or any part, of the services required by this Agreement. Upon receipt of such an order, Engineer shall

immediately comply with its terms and take all reasonable steps to minimize the costs associated with the services affected by such order.

Engineer will not be obligated to provide the same personnel employed prior to suspension, when the services are resumed, in the event that the period of suspension is greater than thirty (30) days.

5. Termination: This Agreement may be terminated by either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. This Agreement may be terminated by Client, under the same terms, whenever Client shall determine that termination is in its best interests. Cost of termination, including salaries, overhead and fee, incurred by Engineer either before or after the termination date shall be reimbursed by Client.
6. Documents Delivered to Client: Drawings, specifications, reports, and any other Project Documents prepared by Engineer in connection with any or all of the services furnished hereunder shall be delivered to the Client for the use of the Client. Engineer shall have the right to retain originals of all Project Documents and drawings for its files. Furthermore, it is understood and agreed that the Project Documents such as, but not limited to reports, calculations, drawings, and specifications prepared for the Project, whether in hard copy or machine-readable form, are instruments of professional service intended for one-time use in the construction of this Project. These Project Documents are and shall remain the property of the Engineer. The Client may retain copies, including copies stored on magnetic tape or disk, for information and reference in connection with the occupancy and use of the Project.

When and if record drawings are to be provided by the Engineer, Client understands that information used in the preparation of record drawings is provided by others and Engineer is not responsible for accuracy, completeness, nor sufficiency of such information. Client also understands that the level of detail illustrated by record drawings will generally be the same as the level of detail illustrated by the design drawing used for project construction. If additional detail is requested by the Client to be included on the record drawings, then the Client understands and agrees that the Engineer will be due additional compensation for additional services.

The Engineer ~~also~~ reserves the right to retain hard copy originals of all Project Documentation delivered to the Client in machine readable form, which originals shall be referred to and shall govern in the event of any inconsistency between the two.

The Client understands that the automated conversion of information and data from the system and format used by the Engineer to an alternate system or format cannot be accomplished without the introduction of inexactitudes, anomalies, and errors. In the event Project Documentation provided to the Client in machine readable form is so converted, the Client agrees to assume all risks associated therewith and, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and

against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising therefrom or in connection therewith.

The Client recognizes that changes or modifications to the Engineer's instruments of professional service introduced by anyone other than the Engineer may result in adverse consequences which the Engineer can neither predict nor control. Therefore, and in consideration of the Engineer's agreement to deliver its instruments of professional service in machine readable form, the Client agrees, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising out of or in any way connected with the modification, misinterpretation, misuse, or reuse by others of the machine readable information and data provided by the Engineer under this Agreement. The foregoing indemnification applies, without limitation, to any use of the Project Documentation on other projects, for additions to this Project, or for completion of this Project by others, excepting only such use as may be authorized, in writing, by the Engineer.

7. Reuse of Documents: All Project Documents including but not limited to reports, opinions of probable costs, drawings and specifications furnished by Engineer pursuant to this Agreement are intended for use on the Project only. They cannot be used by Client or others on extensions of the Project or any other project. Any reuse, without specific written verification or adaptation by Engineer, shall be at Client's sole risk, and Client shall indemnify and hold harmless Engineer from all claims, damages, losses, and expenses including attorney's fees arising out of or resulting therefrom.

The Engineer shall have the right to include representations of the design of the Project, including photographs of the exterior and interior, among the Engineer's promotional and professional materials. The Engineer's materials shall not include the Client's confidential and proprietary information if the Client has previously advised the Engineer in writing of the specific information considered by the Client to be confidential and proprietary. For the purposes of this Agreement, the parties acknowledge that such information shall be confidential and proprietary and shall not be used by Engineer for any purpose without Client's written consent.

8. Standard of Practice: The Engineer will strive to conduct services under this agreement in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as of the date of this Agreement.
9. Compliance With Laws: The Engineer will strive to exercise usual and customary professional care in his/her efforts to comply with those laws, codes, ordinance and regulations which are in effect as of the date of this Agreement.
10. Indemnification: Engineer shall indemnify and hold harmless Client from loss or expense, including reasonable attorney's fees for claims for personal injury (including

death) or property damage to the extent caused by the sole negligent act, error or omission of Engineer.

Client shall indemnify and hold harmless Engineer under this Agreement, from loss or expense, including reasonable attorney's fees, for claims for personal injuries (including death) or property damage arising out of the sole negligent act, error or omission of Client.

In the event of joint or concurrent negligence of Engineer and Client, each shall bear that portion of the loss or expense that its share of the joint or concurrent negligence bears to the total negligence (including that of third parties), which caused the personal injury or property damage.

Engineer shall not be liable for special, incidental or consequential damages, including, but not limited to loss of profits, revenue, use of capital, claims of customers, cost of purchased or replacement power, or for any other loss of any nature, whether based on contract, tort, negligence, strict liability or otherwise, by reasons of the services rendered under this Agreement.

11. Opinions of Probable Cost: Since Engineer has no control over the cost of labor, materials or equipment, or over the Contractor(s) method of determining process, or over competitive bidding or market conditions, his/her opinions of probable Project Construction Cost provided for herein are to be made on the basis of his/her experience and qualifications and represent his/her judgement as a design professional familiar with the construction industry, but Engineer cannot and does not guarantee that proposal, bids or the Construction Cost will not vary from opinions of probable construction cost prepared by him/her. If prior to the Bidding or Negotiating Phase, Client wishes greater accuracy as to the Construction Cost, the Client shall employ an independent cost estimator Consultant for the purpose of obtaining a second construction cost opinion independent from Engineer.
12. Governing Law & Dispute Resolutions: This Agreement shall be governed by and construed in accordance with Articles previously set forth by (Item 9 of) this Agreement, together with the laws of the **State of Illinois**.

The validity, construction and interpretation of this Agreement shall be governed by the laws of the State of Illinois without regard to the conflict of law provisions. The parties hereto irrevocably agree that all actions or proceedings in any way, manner or respect arising out of or from or related to this Agreement shall be only litigated in the Circuit Court, Twelfth Judicial Circuit, Will County, Illinois. Each party hereby consents and submits to personal jurisdiction in the State of Illinois and waives any right such party may have to transfer the venue of any such action of proceeding.

13. Successors and Assigns: The terms of this Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns: provided, however, that neither party shall assign this Agreement in whole or in part without the prior written approval of the other.
14. Waiver of Contract Breach: The waiver of one party of any breach of this Agreement or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof, shall be limited to the particular instance, shall not operate or be deemed to waive any future breaches of this Agreement and shall not be construed to be a waiver of any provision, except for the particular instance.
15. Entire Understanding of Agreement: This Agreement represents and incorporates the entire understanding of the parties hereto, and each party acknowledges that there are no warranties, representations, covenants or understandings of any kind, matter or description whatsoever, made by either party to the other except as expressly set forth herein. Client and the Engineer hereby agree that any purchase orders, invoices, confirmations, acknowledgments, or other similar documents executed or delivered with respect to the subject matter hereof that conflict with the terms of the Agreement shall be null, void and without effect to the extent they conflict with the terms of this Agreement.
16. Amendment: This Agreement shall not be subject to amendment unless another instrument is duly executed by duly authorized representatives of each of the parties and entitled "Amendment of Agreement".
17. Severability of Invalid Provisions: If any provision of the Agreement shall be held to contravene or to be invalid under the laws of any particular state, county or jurisdiction where used, such contravention shall not invalidate the entire Agreement, but it shall be construed as if not containing the particular provisions held to be invalid in the particular state, country or jurisdiction and the rights or obligations of the parties hereto shall be construed and enforced accordingly.
18. Force Majeure: Neither Client nor Engineer shall be liable for any fault or delay caused by any contingency beyond their control including but not limited to acts of God, wars, strikes, walkouts, fires, natural calamities, or demands or requirements of governmental agencies.
19. Subcontracts: Engineer may subcontract portions of the work, but each subcontractor must be approved by Client in writing.
20. Access and Permits: Client shall arrange for Engineer to enter upon public and private property and obtain all necessary approvals and permits required from all governmental authorities having jurisdiction over the Project. Client shall pay costs (including Engineer's employee salaries, overhead and fee) incident to any effort by

Engineer toward assisting Client in such access, permits or approvals, if Engineer perform such services.

21. Designation of Authorized Representative: Each party (to this Agreement) shall designate one or more persons to act with authority in its behalf in respect to appropriate aspects of the Project. The persons designated shall review and respond promptly to all communications received from the other party.
22. Notices: Any notice or designation required to be given to either party hereto shall be in writing, and unless receipt of such notice is expressly required by the terms hereof shall be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party to whom such notice is directed at such party's place of business or such other address as either party shall hereafter furnish to the other party by written notice as herein provided.
23. Client's Responsibilities: The Client agrees to provide full information regarding requirements for and about the Project, including a program which shall set forth the Client's objectives, schedule, constraints, criteria, special equipment, systems and site requirements.

The Client agrees to furnish and pay for all legal, accounting and insurance counseling services as may be necessary at any time for the Project, including auditing services which the Client may require to verify the Contractor's Application for Payment or to ascertain how or for what purpose the Contractor has used the money paid by or on behalf of the Client.

The Client agrees to require the Contractor, to the fullest extent permitted by law, to indemnify, hold harmless, and defend the Engineer, its consultants, and the employees and agents of any of them from and against any and all claims, suits, demands, liabilities, losses, damages, and costs ("Losses"), including but not limited to costs of defense, arising in whole or in part out of the negligence of the Contractor, its subcontractors, the officers, employees, agents, and subcontractors of any of them, or anyone for whose acts any of them may be liable, regardless of whether or not such Losses are caused in part by a party indemnified hereunder. Specifically excluded from the foregoing are Losses arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs, or specifications, and the giving of or failure to give directions by the Engineer, its consultants, and the agents and employees of any of them, provided such giving or failure to give is the primary cause of Loss. The Client also agrees to require the Contractor to provide to the Engineer the required certificate of insurance.

The Client further agrees to require the Contractor to name the Engineer, its agents and consultants on the Contractor's policy or policies of comprehensive or commercial general liability insurance. Such insurance shall include products and completed

operations and contractual liability coverages, shall be primary and noncontributing with any insurance maintained by the Engineer or its agents and consultants, and shall provide that the Engineer be given thirty days, unqualified written notice prior to any cancellation thereof.

When Contract Documents prepared under the Scope of Services of this contract require insurance(s) to be provided, obtained and/or otherwise maintained by the Contractor, the Client agrees to be wholly responsible for setting forth any and all such insurance requirements. Furthermore, any document provided for Client review by the Engineer under this Contract related to such insurance(s) shall be considered as sample insurance requirements and not the recommendation of the Engineer. Client agrees to have their own risk management department review any and all insurance requirements for adequacy and to determine specific types of insurance(s) required for the project. Client further agrees that decisions concerning types and amounts of insurance are specific to the project and shall be the product of the Client. As such, any and all insurance requirements made part of Contract Documents prepared by the Engineer are not to be considered the Engineer's recommendation, and the Client shall make the final decision regarding insurance requirements.

25. Information Provided by Others: The Engineer shall indicate to the Client the information needed for rendering of the services of this Agreement. The Client shall provide to the Engineer such information as is available to the Client and the Client's consultants and contractors, and the Engineer shall be entitled to rely upon the accuracy and completeness thereof. The Client recognizes that it is impossible for the Engineer to assure the accuracy, completeness and sufficiency of such information, either because it is impossible to verify, or because of errors or omissions which may have occurred in assembling the information the Client is providing. Accordingly, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Engineer and the Engineer's subconsultants harmless from any claim, liability or cost (including reasonable attorneys' fees and cost of defense) for injury or loss arising or allegedly arising from errors, omissions or inaccuracies in documents or other information provided by the Client to the Engineer.
26. Payment: Client shall be invoiced once each month for work performed during the preceding period. Payment shall be made by the Client according to the terms and provisions of the Illinois Prompt Payment Act, Engineer will provide to the Client a detailed statement of tasks performed by it and reimbursement for expenses, if any. The maximum interest rate under this Section shall be the amount set forth in the Act.

Collection Costs. In the event legal action is necessary to enforce the payment provisions of this Agreement, the Engineer shall be entitled to collect from the Client any judgement or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by the Engineer in connection therewith.

Suspension of Services. If the Client fails to make payments when due or otherwise is in breach of this Agreement, the Engineer may suspend performance of services upon five (5) calendar days' notice to the Client. The Engineer shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by the Client.

27. When construction observation tasks are part of the service to be performed by the Engineer under this Agreement, the Client will include the following clause in the construction contract documents and Client agrees not to modify or delete it:

Kotecki Waiver. Contractor (and any subcontractor into whose subcontract this clause is incorporated) agrees to assume the entire liability for all personal injury claims suffered by its own employees, including without limitation claims under the **Illinois** Structural Work Act, asserted by persons allegedly injured on the Project; waives any limitation of liability defense based upon the Worker's Compensation Act, court interpretations of said Act or otherwise; and to the fullest extent permitted by law, agrees to indemnify and hold harmless and defend Owner and Engineer and their agents, employees and consultants (the "Indemnitees") from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, that the Indemnitees may sustain as a result of such claims, except to the extent that **Illinois** law prohibits indemnity for the Indemnitees' own negligence. The Owner and Engineer are designated and recognized as explicit third-party beneficiaries of the Kotecki Waiver within the general contract and all subcontracts entered into in furtherance of the general contract.

28. **Job Site Safety/Supervision & Construction Observation:** The Engineer shall neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences of procedures, or for safety precautions and programs in connection with the Work since they are solely the Contractor's rights and responsibilities. The Client agrees that the Contractor shall supervise and direct the work efficiently with his/her best skill and attention; and that the Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures of construction and safety at the job site. The Client agrees and warrants that this intent shall be carried out in the Client's contract with the Contractor. The Client further agrees that the Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work; and that the Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees on the subject site and all other persons who may be affected thereby. The Engineer shall have no authority to stop the work of the Contractor or the work of any subcontractor on the project.

When construction observation services are included in the Scope of Services, the Engineer shall visit the site at intervals appropriate to the stage of the Contractor's operation, or as otherwise agreed to by the Client and the Engineer to: 1) become generally familiar with and to keep the Client informed about the progress and quality of the Work; 2) to strive to bring to the Client's attention defects and deficiencies in the Work and; 3) to determine in general if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Engineer shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. If the Client desires more extensive project observation, the Client shall request that such services be provided by the Engineer as Additional and Supplemental Construction Observation Services in accordance with the terms of this Agreement.

The Engineer shall not be responsible for any acts or omissions of the Contractor, subcontractor, any entity performing any portions of the Work, or any agents or employees of any of them. The Engineer does not guarantee the performance of the Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules or regulations.

When municipal review services are included in the Scope of Services, the Engineer (acting on behalf of the municipality), when acting in good faith in the discharge of its duties, shall not thereby render itself liable personally and is, to the maximum extent permitted by law, relieved from all liability for any damage that may accrue to persons or property by reason of any act or omission in the discharge of its duties. Any suit brought against the Engineer which involve the acts or omissions performed by it in the enforcement of any provisions of the Client's rules, regulation and/or ordinance shall be defended by the Client until final termination of the proceedings. The Engineer shall be entitled to all defenses and municipal immunities that are, or would be, available to the Client.

29. Hazardous Materials/Pollutants: Unless otherwise provided by this Agreement, the Engineer and Engineer's consultants shall have no responsibility for the discovery, presence, handling, removal, or disposal of or exposure of persons to hazardous materials/pollutants in any form at the Project site, including but not limited to mold/mildew, asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic/hazardous/pollutant type substances.

Furthermore, Client understands that the presence of mold/mildew and the like are results of prolonged or repeated exposure to moisture and the lack of corrective action. Client also understands that corrective action is a operation, maintenance and repair activity for which the Engineer is not responsible.

Revised 121222

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Direct Costs Check Sheet

Prime Consultant Name	PTB Number	State Job Number(s)
Christopher B. Burke Engineering, Ltd.		
<input checked="" type="checkbox"/> Prime <input type="checkbox"/> Supplement Date _____		

Consultant

Christopher B. Burke Engineering, Ltd.

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)	<input type="checkbox"/>			
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost	<input type="checkbox"/>			
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval	<input type="checkbox"/>			
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input checked="" type="checkbox"/>	400	\$0.67	\$268.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	<input type="checkbox"/>			
Vehicle Rental	Actual cost (Up to \$55/day)	<input type="checkbox"/>			
Rental Vehicle Fuel	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Tolls	Actual cost	<input type="checkbox"/>			
Parking	Actual cost	<input type="checkbox"/>			
Overtime	Premium portion (Submit supporting documentation)	<input type="checkbox"/>			
Shift Differential	Actual cost (Based on firm's policy)	<input type="checkbox"/>			
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	<input checked="" type="checkbox"/>	6	\$25.00	\$150.00
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	<input checked="" type="checkbox"/>	1	\$82.00	\$82.00
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Project Specific Insurance	Actual cost	<input type="checkbox"/>			
Monuments (Permanent)	Actual cost	<input type="checkbox"/>			
Photo Processing	Actual cost	<input type="checkbox"/>			
2-Way Radio (Survey or Phase III Only)	Actual cost	<input type="checkbox"/>			
Telephone Usage (Traffic System Monitoring Only)	Actual cost	<input type="checkbox"/>			



Agenda Memo

Crest Hill, IL

Meeting Date:	June 17, 2024
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	Award the contract to Austin Tyler Construction, Inc. in the amount of \$92,665.00 for the Public Works Facility Rear Yard Re-Grading Improvement.

Summary: Bids were solicited from qualified contractors to provide unit price costs for the Public Works Facility Rear Yard Re-Grading Improvement.

The city solicited bids looking for qualified contractors. A total of nine (9) local prequalified contractors received the bid packages and three (3) submitted bids. The bids were received for the improvement at Crest Hill City Hall until 10:00 AM local time on Friday, May 10, 2024. Bids were opened and read aloud on Friday, May 10, 2024, at 10:00 AM in the Council Chambers. The following is a list of the bids received:

Results

- | | |
|----------------------------------|--------------|
| 1. Austin Tyler Construction Co. | \$92,665.00 |
| 2. P.T Ferro Construction Co. | \$105,000.00 |
| 3. Construction by Camco. | \$127,520.30 |

I have reviewed the quotes and found them to be correct and in order, and I feel that the bids do reflect the market as it exists today.

Recommended Council Action: Award the contract to Austin Tyler Construction, Inc. in the amount of \$92,665.00 for the Public Works Facility Rear Yard Re-Grading Improvement.

Financial Impact:

Funding Source: General Fund

Budgeted Amount: \$125,000.00

Cost: 92,665.00

Attachments:

Bid Tab

**CITY OF CREST HILL
BID TAB**

Location Public Works-Oakland						Contractors					
Description Rear-Yard Grading						Austin Tyler Construction, Inc. Elwood Illinois		P.T Ferro Construction Co. Joliet Illinois		Construction by Camco	
					Engineer's Estimate						
Item No.	Items	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	INLET PROTECTION	EACH	2	\$350.00	\$700.00		\$0.00		\$0.00	231.00	\$462.00
2	ASPHALT PAVEMENT REMOVAL (FULL DEPTH)	SQ YD	430	\$25.00	\$10,750.00		\$0.00		\$0.00	52.25	\$22,467.50
3	CONCRETE PAVEMENT REMOVAL (FULL DEPTH)	SQ TD	11	\$25.00	\$275.00		\$0.00		\$0.00	352.60	\$3,878.60
4	12" TRENCH DRAIN (NEEHAH R-4990-CX)	LIN. FT	27	\$200.00	\$5,400.00		\$0.00		\$0.00	668.25	\$18,042.75
5	12" STORM SEWER, RCP,CL IV	LIN. FT	30	\$40.00	\$1,200.00		\$0.00		\$0.00	133.80	\$4,014.00
6	8" STORM SEWER, DIP	LIN. FT	4	\$65.00	\$260.00		\$0.00		\$0.00	861.50	\$3,446.00
7	8" STORM SEWER, PVC	LIN. FT	9	\$65.00	\$585.00		\$0.00		\$0.00	322.85	\$2,905.65
8	CATCH BASIN, 48" DIA., TYPE-A	EACH	1	\$3,000.00	\$3,000.00		\$0.00		\$0.00	5,240.20	\$5,240.20
9	CATCH BASIN, 48" DIA., TYPE-A (W/ HALF TRAP)	EACH	1	\$3,500.00	\$3,500.00		\$0.00		\$0.00	5,570.00	\$5,570.00
10	INLET FILTER (OLDCASTLE FLOGARD)	EACH	1	\$1,000.00	\$1,000.00		\$0.00		\$0.00	2,333.00	\$2,333.00
11	CONNECT TO EXISTING MANHOLE	EACH	1	\$1,000.00	\$1,000.00		\$0.00		\$0.00	0.01	\$0.01
12	CONNECT TO EXISTING CATCH BASIN	EACH	1	\$750.00	\$750.00		\$0.00		\$0.00	0.01	\$0.01
13	TRENCH BACKFILL	LIN. FT	43	\$35.00	\$1,505.00		\$0.00		\$0.00	0.01	\$0.43
14	HMA SURFACE COURSE, N50 (2.5" THICK)	SQ YD	441	\$13.00	\$5,733.00		\$0.00		\$0.00	35.30	\$15,567.30
15	HMA BINDER COURSE,IL 19.0, N50 (6" THICK)	SQ YD	441	\$35.00	\$15,435.00		\$0.00		\$0.00	52.00	\$22,932.00
15	AGGREGATE BASE COURSE, TYPE 2 (12" THICK)	SQ YD	441	\$15.00	\$6,615.00					46.85	\$20,660.85
17	20% contingency	L. SUM	1	\$11,542.00	\$11,542.00	\$92,655	\$92,655.00	\$105,000.00	\$105,000.00	0.00	\$0.00

2025 Budget Amount \$70,000.00

\$69,250.00

Total = \$92,655.00

\$105,000.00

\$127,520.30



City Council Agenda Memo

Crest Hill, IL

Meeting Date:	June 17, 2024
Submitter:	Maura Rigoni, AICP, Interim Planner
Department:	Community & Economic Development
Agenda Item:	Self-Storage Facility Borio-SWC of Borio Drive and Renwick Extension

Summary:

On June 10 2024, the City Council reviewed the request from Rudy Dixon, owner of A& D Storage LLC, for the extension of the special use permit for the self-storage facility proposed at the southwest corner of Renwick Road and Borio Drive.

The attached letter highlights the applicant's formal request for the extension. At the Work Session, the City Council discussed this matter and agreed to consider such an extension for one year. The attached resolution outlines the

As of today, construction on the facility has not begun, nor have final engineering and construction been submitted for review.

Section 12.7-9 of the Zoning Ordinance outlines the regulations pertaining to the timeframe of a special use, stating if development relating to the special use has not occurred within one year of the City Council's approval, the special use shall become null, and void unless an extension is requested. An excerpt of the Code can be found below:

In any case where a special use has been granted, and where no special use development has taken place within one (1) year of granting thereof, then without Administration and Enforcement City of Crest Hill further action by either the Plan Commission or the City Council, said special use variation shall become null and void, unless the property owner/applicant submits a formal request in writing seeking an extension. Written request for extension must be submitted thirty (30) days prior to the expiration date.

Council Action: If the Mayor and City Council are amenable to the proposed extension, you may consider approving the attached resolution to formalize the extension.

Funding Source: N/A

Budgeted Amount: N/A

Attachments: Letter from Property Owner, Ordinance 1959 and Resolution

A & Storage, LLC
9962 E. Fowler Road
Rochelle, IL 61068

May 20, 2024

Hello Mayor Soliman,

A&D Storage, LLC was approved for a B-3 special use for self-storage at the southwest corner of Renwick Road and Borio Road by Ordinance No. 1959, approved on August 7th, 2023. Our latest contract to sell the property to Mr. Anthony Maffeo and Mr. Michael Singer was terminated due to the expiration date of the special use permit. The buyers did not believe they could have all of the construction documents and permits approved by the August 7th, 2024 deadline. The potential buyers currently run Four Seasons Storage, located at 14339 County Line Road, Shorewood, IL 60404. They are looking to expand their business into Crest Hill. They are in acceptance of the current site plan and would like to move forward with the permitting process to build the facility.

We are requesting a twelve-month extension to the special use permit to finalize construction documents and obtain permits from the City to start construction. The twelve-month extension will allow adequate time for all construction drawings to be approved and permits obtained to begin construction. They would like to break ground this year, pending the document approvals and permits. We appreciate the consideration and look forward to meeting with you to answer any questions.

Sincerely,

Rudy Dixon

A&D Storage, LLC

ORDINANCE NO. _____

**AN ORDINANCE EXTENDING ORDINANCE 1959, AN ORDINANCE GRANTING A
SPECIAL USE PERMIT WITH RESPECT TO CERTAIN REAL PROPERTY
LOCATED WITHIN THE CORPORATE BOUNDARIES OF THE CITY OF CREST
HILL
[APPLICATION OF A&D STORAGE, LLC]**

WHEREAS, the Illinois Municipal Code, 65 ILCS 5/11-3.1.1 (the “Code”) authorizes the corporate authorities of any municipality to enact ordinances to provide for the classification of special uses, including, but not limited to, public and quasi-public uses affected with the public interest, uses which may have a unique, special, or unusual impact upon the use or enjoyment of neighboring property, and planned developments; and

WHEREAS, on August 7, 2023, the Crest Hill City Council approved and passed Ordinance 1959, An Ordinance Granting A Special Use Permit With Respect To Certain Real Property Located Within The Corporate Boundaries Of The City Of Crest Hill (Application of A & D Storage, LLC); and

WHEREAS, A & D Storage, Inc. has not yet submitted requests for Building Permits or final site plans, as required by the Conditional Approval of the Special Use Permit granted and approved by Ordinance 1959; and

WHEREAS, Section 12.7-9 of the City of Crest Hill Zoning Ordinance requires that the special use development begin within one year of the City Council’s Approval, as follows:

In any case where a special use has been granted, and where no special use development has taken place within one (1) year of granting thereof, then without further action by either the Plan Commission or the City Council, said special use variation shall become null and void, unless the property owner/applicant submits a formal request in writing seeking an extension. Written request for extension must be submitted thirty (30) days prior to expiration date; and

WHEREAS, absent the start of development before August 7, 2024, the Special Use Permit granted to A & D Storage, LLC by Ordinance 1959 will become null and void without further action by the Plan Commission or City Council on August 7, 2024; and

WHEREAS, A & D Storage, LLC on or about May 20, 2024, submitted a written formal request for a twelve (12) month extension of the Special Use Permit granted by Ordinance 1959, as authorized by Section 12.7-9 of the Crest Hill Zoning Ordinance; and

WHEREAS, said written formal request for extension was submitted more than thirty (30) days prior to the expiration date; and

WHEREAS, the City Council at its June 10, 2024, work session meeting heard arguments for the extension as presented by representatives of A & D Storage, LLC., including representations that there were no changes to the Special Use Permit being sought at this time; and

WHEREAS, based on the arguments heard and the recommendations from City Staff, the City Council has determined that the request for a twelve (12) month extension should be granted; and

WHEREAS, since Ordinance 1959 was passed, the City of Crest Hill has adopted a policy requiring that applicants receiving Special Use Permits and Variances execute an Unconditional Agreement and Consent requiring the applicant to, among other things, comply with all conditions of the approval and holding the City harmless; and

WHEREAS, in addition to the granting of the extension requested by A&D Storage, LLC the City has determined that A & D Storage, LLC must also execute the Unconditional Agreement and Consent attached hereto as Exhibit "A", which shall be filed with the original Ordinance 1959 and be considered part of the Special Use Permit Ordinance.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Crest Hill, Will County, Illinois, as follows:

SECTION 1: The Preambles of this Ordinance are incorporated herein by reference.

SECTION 2: That the City Council hereby extends the Special Use Permit granted to A & D Storage, LLC for a period of twelve (12) months, to and including August 7, 2025.

SECTION 3: That in addition to the extension, A & D Storage, LLC shall execute the Unconditional Agreement and Consent attached hereto as Exhibit "A", which shall be filed with the original Ordinance 1959 and be considered part of the Special Use Permit Ordinance.

SECTION 4: This Ordinance shall become effective only upon the attachment of a fully executed Exhibit "A" within 60 days of the passage of this Ordinance. In the event that Exhibit "A" is not executed within 60 days, this Ordinance shall have no force and effect, and shall be subject to repeal by the City Council without further notice or hearing due to the Owner.

SECTION 5: This Ordinance shall take effect upon its passage and publication according to law.

[Left Intentionally Blank]

PASSED THIS 17th DAY OF JUNE, 2024

	Aye	Nay	Absent	Abstain
Alderman Scott Dyke	_____	_____	_____	_____
Alderwoman Claudia Gazal	_____	_____	_____	_____
Alderman Darrell Jefferson	_____	_____	_____	_____
Alderperson Tina Oberlin	_____	_____	_____	_____
Alderman Mark Cipiti	_____	_____	_____	_____
Alderman Nate Albert	_____	_____	_____	_____
Alderman Joe Kubal	_____	_____	_____	_____
Mayor Raymond R. Soliman	_____	_____	_____	_____

Christine Vershay-Hall, City Clerk

APPROVED THIS 17TH DAY OF JUNE, 2024

Raymond R. Soliman, Mayor

ATTEST:

Christine Vershay-Hall, City Clerk

“Exhibit A” Unconditional Agreement and Consent

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The City of Crest Hill, Illinois ("City"):

WHEREAS, A & D STORAGE LLC (the "**Owner**") is the owner of that certain real property commonly located the southwest corner of Borio Drive and Renwick Road, Crest Hill, Illinois, PIN: 11-04-20-100-015-0000 (the "Property") and

WHEREAS, Ordinance No. 1959, approved and passed by the Crest Hill City Council on August 7, 2023, ("the **Ordinance**"), approved a B-3 Special Use Permit for a self-storage facility; and

WHEREAS, on May 20, 2024, the Owner requested in writing a formal extension of the Special Use Permit approved by Ordinance 1959 for a period of twelve (12) months; and

WHEREAS, on June 10, 2024, the request for extension was presented to the Crest Hill City Council for discussion; and

WHEREAS, on June 17, 2024, the City Council determined to grant the requested extension, by Ordinance _____; and

WHEREAS, after Ordinance 1959 was passed, the City adopted a new policy of requiring applicants for Special Use Permits and/or Variances to execute an Unconditional Agreement and Consent in substantially the same form of this document; and

WHEREAS, in addition to the requested extension, the City Council has determined to require the Owner to execute this Exhibit A to the extension Ordinance.

NOW, THEREFORE, the Owner does hereby agree and covenant as follows:

1. The Owner hereby unconditionally agrees to, accept, consent to, and will abide by all terms, conditions, limitations, restrictions, and provisions of Ordinance 1959.

2. The Owner acknowledges that all required public notices and hearings have been properly given and held with respect to the application process and passage of Ordinance 1959, understands and has considered the possibility of revocation or repeal of Ordinance 1959 as a result of violation of its terms or failure to abide by the conditions set forth in Ordinance 1959, and agrees, covenants and warrants that it will not challenge any such revocation on the basis of any procedural infirmity or a denial of any procedural right, provided that the City will provide the Owner with written notice of the City's intent to Repeal or Revoke Ordinance 1959.

3. The Owner acknowledges and agrees that the City shall not be in any way liable for any damages or injuries that may be sustained as a result of the City's granting of the Special Use Permit or its passage of Ordinance 1959, and that the City's approvals do not, and will not, in any way be deemed to insure the Owner against damage or injury of any kind at any time.

4. The Owner hereby agrees to release, defend, indemnify and hold harmless the City of Crest Hill, its corporate authorities, elected and appointed officials, officers, employees, agents, representatives, and attorneys from any and all claims that may, at any time, be asserted against them in connection with (a) the City's review and approval of any plans and issuance of any permits, (b) the City's passage of Ordinance 1959, and (c) the maintenance and use of the Property as authorized by Ordinance 1959.

5. The undersigned is an authorized representative of the Owner duly authorized and empowered to execute this Unconditional Agreement and Consent on behalf of the Owner.

OWNER: A & D STORAGE, LLC

By: _____

Its: _____

SUBSCRIBED and **SWORN** to before me
this _____ day of _____, 2024.

Notary Public

**Agenda Memo**

Crest Hill, IL

Meeting Date: June 17, 2024
Submitter: Mayor Raymond R. Soliman *RS*
Department: Mayor's Office
Agenda Item: John Vershay Resolution

Summary: Attached for your review is a copy of resolution #1236, a resolution honoring John S. Vershay for his 45 years of service to the City of Crest Hill. I am asking for approval of this resolution.

Recommended Council Action: Approval

Financial Impact:**Funding Source:****Budgeted Amount:****Cost:****Attachments:**

RESOLUTION # 1236**A RESOLUTION HONORING JOHN S. VERSHAY FOR HIS 45 YEARS OF SERVICE TO THE CITY OF CREST HILL**

WHEREAS, John S. Vershay was elected to the position of Alderman Ward One, for the City of Crest Hill, on May 7, 1979, and served in that capacity for the next 45 years as an active and diligent member of the Crest Hill City Council; and

WHEREAS, John S. Vershay, upon the formation of the Crest Hill Police Department, served as one of the first Police Officers to be hired. He also served on numerous City Committees, and was a long-time member of the Crest Hill Lions Club, the Croatian Cultural Club, the Senior Citizen Association, and an avid enthusiast of antique cars; and

WHEREAS, John S. Vershay has served the citizens of Ward One for 45 years, as a steward of Ward One, bringing the voices of his constituents to the City Council with regard to many critical issues with his votes on Intergovernmental Agreements, City Budgets, the construction of two Water/Wastewater Sewage Treatment Plants, a new Public Works Facility, the acquisition of Lake Michigan water with the Grand Prairie Water Commission, and the new City Hall/Police Department complex; and

WHEREAS, John S. Vershay has earned the gratitude of the Citizens of Crest Hill for his dedicated efforts in improving their quality of life and making the City of Crest Hill a better place to live; and

WHEREAS, I, Raymond R. Soliman, by virtue of the authority vested in me as the Mayor of the City of Crest Hill do hereby proclaim **JOHN S. VERSHAY** as **DEAN OF ALDERMEN** for his 45 years of service to the Citizens of the City of Crest Hill.

NOW, THEREFORE BE IT RESOLVED by the Mayor and City Council of the City of Crest Hill, as follows:


SECTION 1: The Mayor and City Council offer their congratulations and profound expression of thanks to the family of John S. Vershay for his 45 years of dedicated service to the City of Crest Hill.


SECTION 2: The Mayor and City Council extend their deepest condolences to the family of John S. Vershay on his passing on April 28, 2024.

SECTION 3: The Crest Hill City Clerk is directed to forward a certified copy of this Resolution to the family of John S. Vershay and to make the original of this Resolution available to members of the general public during normal business hours at the Crest Hill City Clerk's Office.

RESOLVED THIS 17th DAY OF JUNE 2024.




Raymond R. Soliman, Mayor


Christine Vershay-Hall, City Clerk

**Agenda Memo**

Crest Hill, IL

Meeting Date: June 17, 2024
Submitter: Mayor Raymond R. Soliman *RS*
Department: Mayor's Office
Agenda Item: Ward I Alderman Vacancy Appointment-Angelo Deserio

Summary: Due to the ultimately passing of Alderman John Vershay, I am recommending that Mr. Angelo Deserio be appointed to serve as Ward I Alderman until May 5, 2025.

Recommended Council Action: Approval

Financial Impact:

Funding Source:

Budgeted Amount:

Cost:

Attachments:



Agenda Memo

Crest Hill, IL

Meeting Date: June 17, 2024

Submitter: City Clerk, Christine Vershay-Hall

Department: City Clerk's Office

Agenda Item: Approve an Application for a Block Party for Clement St. – Kim Frederick

Summary:

Kim Frederick, is seeking approval to have a block party on Saturday, July 27th, 2024 from 2:00 p.m. until 10:30 p.m.

The request is to close off Clement St. from Stern Ave. to Ludwig Ave.

Recommended Council Action:

Approve an Application for a Block Party for Clement St. – Kim Frederick

Financial Impact:

Funding Source:

Budgeted Amount:

Cost:

Attachments:

Block Party Application



CITY OF NEIGHBORS
20600 City Center Blvd.
Crest Hill, IL 60403
815-741-5100

Item 12.

RECEIVED JUN 10 2024

Block Party Application

Date of Block Party: 7-27-24 Hours of the block party: 2p-10:30p

Name and address of person requesting the block party: Kim Fredrick

1719 Clement St Phone number: 815-582-6071
1700 Hundred block of

We are asking to close off: Clement St Stern + Ludwig
(street names and/or to address and from address)

From and To intersection of Stern and Ludwig Block 1700 of Clement
(**Per Ordinance #1032-Any loud noise heard after 11:00 p.m. on Friday and Saturday and after 10:00 p.m. on Sunday through Thursday is considered a nuisance and can be charged with a violation of Ordinance #1032**).

Would you like the Police Department to stop and talk with the residents if available? Yes ☐ No ☒

Would you like the Lockport Fire Department to stop and talk with the residents if available? Yes ☐ No ☒

The Crest Hill Public Works Department will supply you with barricades that will be dropped off the day prior to the block party at the applicant's house and will be picked up the next available workday after your party.

You are not allowed to have open liquor on the city streets.

You are not allowed to have open fires on the City streets, but you can have grills.

Please make sure that all garbage is cleaned up and tables, chairs and grills are removed prior to the street being reopened.

The City of Crest Hill hopes that you have a safe and enjoyable block party.

******NOTE******

Please mark one of the following:

☐ Yes, I will be attending a City Council meeting to seek approval for the block party.

☒ No, I will not be attending a City Council meeting, but request the City Clerk to seek permission from the Council and notify me of the decision. unless need be - please call me if I should attend

K. Fredrick 6-10-24
(Signature) (Date)

City Clerk's Office Check List

OFFICE USE ONLY: (Give copies to the following departments after approval granted by Council)

Fax/Email the Lockport Fire Department at (815) 838-9141 _____ Email Police Department _____
Copy given to Public Works Department _____ Permission letter mailed to applicant _____

Email copy to: amartino@cityofcresthill.com bkline@cityofcresthill.com klinden@cityofcresthill.com



City Council Agenda Memo

Crest Hill, IL

Meeting Date: June 17, 2024

Submitter: Dave Strahl, Interim Human Resources Manager

Department: Human Resources

Agenda Item: Consideration of Revised Employee Handbook Language – Section 4.3 – Compensation and Salary Increase

Summary:

Existing Language:

4.3 Compensation and Salary Increase

Non-union employees' compensation may be increased annually at a rate dictated by either the Consumer Price Index (CPI) or 2%, whichever is lower. Salary increases are subject to budget availability and City Council approval. Additionally, non-union employees may be eligible to receive merit based salary increases subject to availability of funds dedicated for such increases in the annual budget.

Proposed Language:

4.3 Compensation and Salary Increase

Non-union employees' compensation may be increased annually at a rate determined by the city council. All salary increases are subject to budget availability and city council approval. Additionally, non-union employees may be eligible to receive merit-based salary increases based on merit evaluations and are subject to availability of funds dedicated for merit increases as part of an annual budget.

Recommended Council Action: Approval of the revised language eliminates a minimum annual increase and ties any increase to city council approval and budgetary capacity. This change will allow for maximum fiscal flexibility for the city council when considering salary increases.

Financial Impact: Varies depending on the amount of salary increase approved.

Funding Source: Part of the annual budget consideration.

Budgeted Amount: Part of the annual budget consideration.

Cost: Varies depending on the amount of salary increase approved.

Attachments: None. If revised language is approved section 4.3 will be changed in the Employee Handbook.

/Documents/Council June 17 Memo COLA Language Handbook Revision.docx



City Council Agenda Memo**Crest Hill, IL**

Meeting Date:	June 10, 2024
Submitter:	Dave Strahl, Interim Human Resources Manager
Department:	Human Resources
Agenda Item:	Discussion and Direction Regarding a Revised Employee Performance Evaluation Program

Summary: Attached is the program outline, instructions and forms recommended for use to measure employee performance.

Recommended Council Action: Approval of the employee performance evaluation program and implementation.

Financial Impact:

Funding Source: The proposed documents will provide significant information regarding employee performance for future consideration of employee merit increases.

Budgeted Amount:

Cost:

Attachments: Attached is the program outline, instructions and forms recommended for use to measure employee performance.

Crest Hill
Non-Supervisory Employee Performance Assessment Form

Employee Name: _____

Review Period: _____

Supervisor: _____

Department: _____

Instructions:

Supervisors are to complete the form and ranking the employee's performance in the categories provided below. Supervisors are required to provide examples of performance justifying rankings. Both supervisor and employee are to collaborate on determining goals/objectives with appropriate timeframes to be completed prior to the next rating period. Supervisor is expected to provide comments to justify rating including specific examples of job tasks that could justify such ratings. Employees should be offered the opportunity to provide comments on any rating area and may attached additional documentation as they necessary to augment the evaluation form. Supervisors are not obligated to modify any ratings based on the additional input from the employee.

Goals/Objectives must meet the following criteria:

Specific:	Goals/objectives should be written clearly to define what the employee is going to do.
Measurable:	Goals/objectives must be measurable so that the employee and supervisor has tangible evidence that the goal/objective has been achieved. Usually, the entire goal/objective statement is a measure for the project, but there are usually several short-term or smaller measurements or milestones that have to be built in.
Attainable:	Goals/objectives must be attainable, they should stretch the employee slightly so they feel challenged, but defined well enough so that the employee can meet them. The employee must possess the appropriate knowledge, skills, and abilities needed to attain the goal/objective or have a defined course of achievement to obtain such skillset.
Relevant:	Goals/objectives must measurable outcomes, not activities or routine job duties.
Time-Based:	Goals/objectives must be linked to a timeframe that defines a sense of urgency. Without the urgency the reality of time will not allow the goal/objective to be obtained and would not produce a relevant outcome beneficial to the employee and organization.

Scoring - Ranking of employee's performance will use the following scale:

Consistently Exceeds Expectations:	5
Frequently Exceeds Expectations:	4
Consistently Meets Expectations:	3
Progressing in Expectations:	2
Needs Improvement:	0

Job Knowledge: The depth and breadth of know-how to perform essential duties and functions of the job. The level of compliance with degree certification and training requirements. Understanding of how individual job performance furthers organizational objectives. Willingness to update and expand skills knowledge and training.

	Needs Improvement - Has not demonstrated the skills and knowledge to fulfill the essential functions of the position. Has difficulty learning and applying most new skills. Fails to keep updated about current developments and does not fully participate in training opportunities. Demonstrates a lack of understanding of how job relates to others in organization; has negatively impacted others or performance due to lack of understanding of relationship between job and others.
	Progressing in Expectations - Improvement is needed in certain skills and job knowledge. Sometimes has difficulty mastering and applying new skills. Should be more knowledgeable about current developments relating to work. Results could be improved if impact of job on others was better understood and was considered before acting.
	Consistently Meets Expectations - Demonstrates competency in the basic skills and knowledge required for the job. Regularly exhibits the ability to learn and apply new skills. Displays sufficient knowledge of current developments in area of responsibility. Takes advantage of learning opportunities. Consistently displays an understanding of how job relates to other jobs and impacts others.
	Frequently Exceeds Expectations - Demonstrates a high level of competency in the skills and knowledge required. Learns quickly and easily applies new skills and shares knowledge with others.. Does an excellent job of keeping updated about current developments in area of responsibility and seeks out opportunities to learn. Displays a better than usual understanding of how the job relates to other jobs and functions; frequently adds value to organization through appropriate communication with others impacted by actions.
	Consistently Exceeds Expectations - Demonstrates significant expertise and in-depth knowledge and skills. Shows an exceptional ability to master and apply new skills and seeks opportunities to expand and apply knowledge and skills. Independently reads and researches extensively staying on top of current developments that might impact work; shares knowledge with others. Displays an extraordinary understanding of how the job relates to the jobs of others; and anticipates consequences of action or events on others and responds appropriately. Helps others understand relationships between jobs and functions.
Supervisor Comments:	

Problem Solving: The ability to predict recognize and define problems. Skill in generating, selecting and implementing timely and meaningful solutions.

	Needs Improvement - Has significant difficulties in recognizing and solving problems. Unable to generate meaningful solutions. Tendency to postpone or avoid handling obstacles and negative situations impedes work progress. Does not effectively implement remedies.
	Progressing in Expectations - Has trouble predicting, recognizing and/or defining problems. Able to generate solutions but may lack innovative thinking. May avoid decisions or all small obstacles to impair work progress. May need to work on implementing timely solutions to ensure smooth operations.
	Consistently Meets Expectations - Identifies most problems. Works to find solutions and ensure that problems are solved timely. Usually maintains smooth operations.
	Frequently Exceeds Expectations - Demonstrates strong ability to recognize and define problems. Generates effective options and promptly acts to implement solutions. Predicts, foresees and eliminates obstacles to ensure smooth operations.
	Consistently Exceeds Expectations - Demonstrates exceptional ability to recognize and clearly define problems. Considers full range of options and promptly acts to implement best possible solutions. Proactively foresees and eliminates obstacles to ensure smooth operations. Frequently acts as a resource and assists others with problems. Takes initiative in offering suggestions.
Supervisor Comments:	

Communication: The ability to effectively converse and listen to others. The use of proper written and grammatical skills to clearly and concisely convey a message including the meaningful application of computer technology [e-mail, Internet, etc.] Preparation and delivery of effective presentations.

	Needs Improvement - Communication skills are inadequate for the job. Immediate improvement is necessary in one or more key areas [listening, speaking, writing, and/or using communication technology].
	Frequently Exceeds Expectations - Communication skills are lacking in some areas. Verbal communication skills of listening and speaking impede job performance. More effective use of communication technologies is needed. Written documents do not convey information clearly.
	Consistently Meets Expectations - Communication and listening skills are good. Effectively uses some available communication technology. Written documents convey information appropriately.
	Progressing in Expectations - Communication skills are excellent. Listening and interpersonal skills are above average. Effectively uses most available communication technology. Written documents are usually clear and concise.
	Consistently Exceeds Expectations - Communication skills are superior. Listening and interpersonal communication skills strengthen others. Effectively uses all available communication technology. Written documents are clear, concise and well-constructed.
Supervisor Comments:	

Cooperation & Teamwork: The degree to which the employee promotes collaborative cooperative and productive working relationships. Cooperation and teamwork are demonstrated by supporting the work group's or team's efforts; respecting the viewpoints of others; showing sensitivity to cultural diversity and feelings of others; carrying share of workload including undesirable tasks; and keeping others informed.

	Needs Improvement - When participating in a team often fails to support team's efforts to meet goals is disruptive or sabotages team's efforts. Working relationships are unsatisfactory. Does not keep others properly informed. Demonstrates a lack of respect for or sensitivity to others. Does not offer support or assistance to co-workers and/or is resistant to assisting when directed to do so. Failure to carry share of work negatively impacts others.
	Progressing in Expectations - On occasion contribution to team does not support team's efforts to meet goals. Employee does not actively contribute to group activities. Informs others only when asked prompted directed or reminded. Has occasional trouble listening to or accepting others' views especially from particular individuals. Infrequently offers support or assistance or does so only when instructed to do so. Has failed to exhibit respect or sensitivity to others.
	Consistently Meets Expectations - When participating in a team supports team's efforts to meet goals. Establishes and maintains good working relationships. Ensures that others are kept informed. Respects the importance of cultural diversity and is sensitive to the feelings of others. Welcomes diverse viewpoints and respects others and their opinions. Regularly assists and supports co-workers. Performs his or her share of the workload including less desirable tasks.
	Frequently Exceeds Expectations - Genuinely values others' input and expertise and is willing to learn from others. Encourages others to express views and opinions. Maintains the self-esteem and self-confidence of others. Frequently offers assistance when needed. Actively contributes to the success of the team when working in a group. Often takes extra measures to assure others are aware of necessary information.
	Consistently Exceeds Expectations - Efforts to establish and maintain strong working relationships are outstanding; is recognized by others as a group leader. Is extremely proactive about keeping others well informed. Consistently solicits the opinions and views of others always maintaining a high degree of objectivity. Acts to promote and contribute to a welcoming productive climate with good morale and cooperation. Is always quick to offer assistance to co-workers.
Supervisor Comments:	

Customer Service :The degree to which customer service and professional rapport is demonstrated in the day-to-day environment in working with internal and/or external customers.	
	Needs Improvement - Customer relations performance is unsatisfactory. Has failed to show sufficient courtesy and sensitivity to customers. Has difficulty working with difficult or emotional customers. Commitments are frequently delayed or remain unfulfilled. Responds too slowly when servicing customers. Responds negatively to customer feedback. Customer complaints about curtness or lack of attentive service are common.
	Progressing in Expectations -Customer relations could improve. Needs to increase the level of courtesy and sensitivity s/he displays to customers. Sometimes is too casual or appears uninterested in customer. Sometimes takes too long to respond to customer. Not always successful managing difficult or emotional customers. Sometimes forgets or is late in fulfilling commitments. Seldom asks for customer feedback or uses feedback to improve service.
	Consistently Meets Expectations - Interactions with customers are usually sensitive and courteous. Is able to handle most difficult or emotional customer situations. Responds promptly when servicing customers. Uses customer feedback to improve service. Generally follows through on commitments on a timely basis.
	Frequently Exceeds Expectations - Often achieves positive results with difficult or emotional customers. When interacting with customers is always sensitive and courteous. Often goes out of the way to make sure commitments are met. Responds with a strong sense of urgency when servicing customers. Solicits and uses customer feedback to deliver better service. Is always attentive, concerned and polite.
	Consistently Exceeds Expectations - Well-refined customer relations skills are reflected in consistent superior service; treats all customers with exceptional sensitivity courtesy and respect. When dealing with emotional or difficult customers consistently achieves successful results. Regularly exceeds customer expectations by making a special effort to fulfill commitments. Is extremely responsive to the needs of customers. Proactively solicits customer input and applies feedback to improve the quality of service delivery. Is a constant example to associates in performing customer service and handling difficult situations.
Supervisor Comments:	

Reliability & Responsibility: The degree of follow-through on assignments. The degree to which the employee can be counted on to complete assignments in a timely and competent manner. The degree to which the employee is self-directed, takes initiative and is proactive.

	Needs Improvement - Dependability is a significant problem. Follow-through or unwillingness to complete tasks frequently leaves other staff members in adverse situations or requires other staff to take on additional responsibilities. Absenteeism [excluding legally required leave] has impacted job performance.
	Progressing in Expectations - Dependability is a problem. Lack of follow-through or unwillingness to complete tasks occasionally leaves other staff members in adverse situations or requires other staff to take on additional responsibilities. Absenteeism [excluding legally required leave] has impacted job performance.
	Consistently Meets Expectations - Can usually be counted on to complete assignments correctly and in a timely manner. A few exceptions may occur.
	Frequently Exceeds Expectations - Can be counted on to complete assignments in a timely and thorough manner. Consistently meets or exceeds expectations.
	Consistently Exceeds Expectations - Always completes assignments timely and thoroughly. Frequently works beyond expectations demonstrating exceptional initiative.
Supervisor Comments:	

Professionalism: The degree to which the employee demonstrates and conveys a favorable image when representing the city. The level of honesty, integrity and confidentiality along with proper standards of professional dress and deportment.

	Needs Improvement - The level of conduct, behavior and/or dress is a concern. Improvement must occur to meet the city minimum standards of performance in the area of professionalism. Trustworthiness, behavior, speech and/or appearance are significant concerns. The city's image is threatened by a lack of professionalism.
	Progressing in Expectations - Trustworthiness, behavior, speech and/or appearance do not always meet city standards. Lack of professionalism may reflect poorly on the city.
	Consistently Meets Expectations - Follows the guidelines of the city in behavior and dress. Regarded as one who can be trusted to represent the organization well.
	Frequently Exceeds Expectations - Regarded as an extremely effective ambassador for the city. Above reproach in matters of honesty and integrity. Always careful to represent the city in a manner that reflects a high level of professionalism.
	Consistently Exceeds Expectations - Represents the city with the highest standards of professionalism. Exceptional in terms of honesty, integrity, confidentiality, deportment and dress.
Supervisor Comments:	

Adaptability: The degree to which one demonstrates openness to change and new ideas. Ability to adjust to changing work requirements and respond to new situations.

	Needs Improvement - Negative toward change. Reluctant or unable to adapt to new situations. Frequently resists change causing problems and delays.
	Progressing in Expectations - Demonstrates a general resistance to change. Can adapt to new situations.
	Consistently Meets Expectations - Generally not resistant to change. Can adapt to many situations requiring a detour from established procedures if given reasonable time to adapt.
	Frequently Exceeds Expectations - Adjusts well to most situations or changes. Supportive and proactive in effecting changes and improving processes.
	Consistently Exceeds Expectations - Fits well into virtually any assignment. Utilizes new ideas to improve operations. Seeks to effectively assimilate change into productive processes.
Supervisor Comments:	

Safety/Policy Compliance: The degree to which the employee has a knowledge of and complies with organizational policies.

	Needs Improvement - Has failed to follow significant organizational/safety guidelines and policies. May be unaware of established policies. Immediate and significant improvement is required.
	Progressing in Expectations - Compliance is inconsistent. May not be fully aware of established guidelines and policies. Failure to comply has resulted in problems or potential problems. Desire to comply is inconsistent.
	Consistently Meets Expectations - Has a good understanding of and usually complies with organizational/safety policies and guidelines. Very few exceptions occur and with little consequence. Desire to comply is evident.
	Frequently Exceeds Expectations - Has a strong understanding of organizational/safety policies and guidelines. Complies willingly and without complaint.
	Consistently Exceeds Expectations - Demonstrates an excellent understanding of organizational/safety policies and guidelines. Complies very willingly and without exception. Acts as an example to other employees. Takes initiative to improve compliance practices.
Supervisor Comments:	

Quality of Work: The level of ability to perform work assignments free from mistakes or errors.	
	Needs Improvement - Quality is consistently below accepted standards. Errors and mistakes are excessive. No commitment to quality or excellence is evident.
	Progressing in Expectations - Quality occasionally falls below accepted standards. Effort is demonstrated but mistakes are excessive. Commitment to quality is inconsistent.
	Consistently Meets Expectations - Quality is consistently within accepted standards. Errors and mistakes may occur occasionally but they are not excessive and are corrected in a timely manner. A desire to produce quality work is demonstrated.
	Frequently Exceeds Expectations - Quality exceeds standards and normal expectations. Is always conscience of final product.
	Consistently Exceeds Expectations - Consistent outstanding work quality. Makes no mistakes or errors of any consequence. Demonstrates commitment to excellence at all times.
Supervisor Comments:	
Dependability: The degree of follow-through on assignments. The degree to which the employee can be counted on to complete assignments in a timely and competent manner. The degree to which the employee is self-directed, takes initiative and is proactive.	
	Needs Improvement - Dependability is a significant problem. Follow-through or unwillingness to complete tasks frequently leaves other staff members in adverse situations or requires other staff to take on additional responsibilities. Absenteeism [excluding legally required leave] has impacted job performance.
	Progressing in Expectations - Dependability is a problem. Lack of follow-through or unwillingness to complete tasks occasionally leaves other staff members in adverse situations or requires other staff to take on additional responsibilities. Absenteeism [excluding legally required leave] has impacted job performance.
	Consistently Meets Expectations - Can usually be counted on to complete assignments correctly and in a timely manner. A few exceptions may occur.
	Frequently Exceeds Expectations - Can be counted on to complete assignments in a timely and thorough manner. Consistently meets or exceeds expectations.
	Consistently Exceeds Expectations - Always completes assignments timely and thoroughly. Frequently works beyond expectations demonstrating exceptional initiative.
Supervisor Comments:	

SUMMARY - Number of Competencies in Each Category/Scoring

# Of Categories	Category	Score	Multiplier	Total Per Category
	Consistently Exceeds Expectations	5	X	0
	Frequently Exceeds Expectations	4	X	0
	Consistently Meets Expectations	3	X	0
	Progressing in Expectations	2	X	0
	Needs Improvement	0	X	0
Total Score				0

Supervisor Comments:**Employee Comments:****Employee Name:****Employee Signature:****Supervisor Name:****Supervisor Signature:****City Administrator
Name/Signature:****Review Period:**

Goals/Objectives Worksheet

Employee Name:

Supervisor Name:

Review Period:

Goals/Objectives to be Achieved:

Instructions: Goals/Objectives MUST be specific, measurable, achievable, relevant and time-bound. Supervisor is required to meet periodically with the employee to determine progress towards a goal/objective. If the timeframe for achievement changes it must be noted on the form. Documentation of completion or progress MUST be provided on this form as a tracking mechanism. Documentation of completion or progress MUST be included on the performance evaluation for the next rating period. This section is not intended to address performance deficiencies, if such items are identified they are to be addressed through a Performance Improvement Plan (PIP).

Goal/Objective:

Measurement:

**Date to
Complete:**

Accomplishments:

Goal/Objective:	Measurement:	Date to Complete:
Accomplishments:		

Goal/Objective:	Measurement:	Date to Complete:
Accomplishments:		

Goal/Objective:	Measurement:	Date to Complete:
Accomplishments:		

Goal/Objective:	Measurement:	Date to Complete:
Accomplishments:		

Employee Name:

Employee Signature:

Supervisor Name:

Supervisor Signature:

**City Administrator
Name/Signature:**

Performance Improvement Plan (PIP)

Goal/Improvement Objective:	Measurement:	Date to Complete:
Notes:		
Action Step:		
Goal/Improvement Objective:	Measurement:	Date to Complete:
Notes:		
Action Step:		
Goal/Improvement Objective:	Measurement:	Date to Complete:
Notes:		
Action Step:		
Employee Name/Signature: _____ Supervisor Name/Signature: _____ City Administrator Signature: _____ Date: _____		

Crest Hill Supervisory Employee Performance Assessment Form

Employee Name: _____

Review Period: _____

Supervisor: _____

Department: _____

Instructions:

Supervisors are to complete the form and ranking the employee's performance in the categories provided below. Supervisors are required to provide examples of performance justifying rankings. Both supervisor and employee are to collaborate on determining goals/objectives with appropriate timeframes to be completed prior to the next rating period. Supervisor is expected to provide comments to justify rating including specific examples of job tasks that could justify such ratings. Employees should be offered the opportunity to provide comments on any rating area and may attached additional documentation as they necessary to augment the evaluation form. Supervisors are not obligated to modify any ratings based on the additional input from the employee.

Goals/Objectives must meet the following criteria:

Specific:	Goals/objectives should be written clearly to define what the employee is going to do.
Measurable:	Goals/objectives must be measurable so that the employee and supervisor has tangible evidence that the goal/objective has been achieved. Usually, the entire goal/objective statement is a measure for the project, but there are usually several short-term or smaller measurements or milestones that have to be built in.
Attainable:	Goals/objectives must be attainable, they should stretch the employee slightly so they feel challenged, but defined well enough so that the employee can meet them. The employee must possess the appropriate knowledge, skills, and abilities needed to attain the goal/objective or have a defined course of achievement to obtain such skillset.
Relevant:	Goals/objectives must measurable outcomes, not activities or routine job duties.
Time-Based:	Goals/objectives must be linked to a timeframe that defines a sense of urgency. Without the urgency the reality of time will not allow the goal/objective to be obtained and would not produce a relevant outcome beneficial to the employee and organization.

Scoring - Ranking of employee's performance will use the following scale:

Consistently Exceeds Expectations:	5
Frequently Exceeds Expectations:	4
Consistently Meets Expectations:	3
Progressing in Expectations:	2
Needs Improvement:	0

Job Knowledge: The depth and breadth of know-how to perform essential duties and functions of the job. The level of compliance with degree certification and training requirements. Understanding of how individual job performance furthers organizational objectives. Willingness to update and expand skills knowledge and training.

	Needs Improvement - Has not demonstrated the skills and knowledge to fulfill the essential functions of the position. Has difficulty learning and applying most new skills. Fails to keep updated about current developments and does not fully participate in training opportunities. Demonstrates a lack of understanding of how job relates to others in organization; has negatively impacted others or performance due to lack of understanding of relationship between job and others.
	Progressing in Expectations - Improvement is needed in certain skills and job knowledge. Sometimes has difficulty mastering and applying new skills. Should be more knowledgeable about current developments relating to work. Results could be improved if impact of job on others was better understood and was considered before acting.
	Consistently Meets Expectations - Demonstrates competency in the basic skills and knowledge required for the job. Regularly exhibits the ability to learn and apply new skills. Displays sufficient knowledge of current developments in area of responsibility. Takes advantage of learning opportunities. Consistently displays an understanding of how job relates to other jobs and impacts others.
	Frequently Exceeds Expectations - Demonstrates a high level of competency in the skills and knowledge required. Learns quickly and easily applies new skills and shares knowledge with others.. Does an excellent job of keeping updated about current developments in area of responsibility and seeks out opportunities to learn. Displays a better than usual understanding of how the job relates to other jobs and functions; frequently adds value to organization through appropriate communication with others impacted by actions.
	Consistently Exceeds Expectations - Demonstrates significant expertise and in-depth knowledge and skills. Shows an exceptional ability to master and apply new skills and seeks opportunities to expand and apply knowledge and skills. Independently reads and researches extensively staying on top of current developments that might impact work; shares knowledge with others. Displays an extraordinary understanding of how the job relates to the jobs of others; and anticipates consequences of action or events on others and responds appropriately. Helps others understand relationships between jobs and functions.
Supervisor Comments:	

Problem Solving: The ability to predict recognize and define problems. Skill in generating, selecting and implementing timely and meaningful solutions.

	Needs Improvement - Has significant difficulties in recognizing and solving problems. Unable to generate meaningful solutions. Tendency to postpone or avoid handling obstacles and negative situations impedes work progress. Does not effectively implement remedies.
	Progressing in Expectations - Has trouble predicting, recognizing and/or defining problems. Able to generate solutions but may lack innovative thinking. May avoid decisions or all small obstacles to impair work progress. May need to work on implementing timely solutions to ensure smooth operations.
	Consistently Meets Expectations - Identifies most problems. Works to find solutions and ensure that problems are solved timely. Usually maintains smooth operations.
	Frequently Exceeds Expectations - Demonstrates strong ability to recognize and define problems. Generates effective options and promptly acts to implement solutions. Predicts, foresees and eliminates obstacles to ensure smooth operations.
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Supervisor Comments:	

Communication: The ability to effectively converse and listen to others. The use of proper written and grammatical skills to clearly and concisely convey a message including the meaningful application of computer technology [e-mail, Internet, etc.] Preparation and delivery of effective presentations.

	Needs Improvement - Communication skills are inadequate for the job. Immediate improvement is necessary in one or more key areas [listening, speaking, writing, and/or using communication technology].
	Frequently Exceeds Expectations - Communication skills are lacking in some areas. Verbal communication skills of listening and speaking impede job performance. More effective use of communication technologies is needed. Written documents do not convey information clearly.
	Consistently Meets Expectations - Communication and listening skills are good. Effectively uses some available communication technology. Written documents convey information appropriately.
	Progressing in Expectations - Communication skills are excellent. Listening and interpersonal skills are above average. Effectively uses most available communication technology. Written documents are usually clear and concise.
	Consistently Exceeds Expectations - Communication skills are superior. Listening and interpersonal communication skills strengthen others. Effectively uses all available communication technology. Written documents are clear, concise and well-constructed.
Supervisor Comments:	

Cooperation & Teamwork: The degree to which the employee promotes collaborative cooperative and productive working relationships. Cooperation and teamwork are demonstrated by supporting the work group's or team's efforts; respecting the viewpoints of others; showing sensitivity to cultural diversity and feelings of others; carrying share of workload including undesirable tasks; and keeping others informed.

	Needs Improvement - When participating in a team often fails to support team's efforts to meet goals is disruptive or sabotages team's efforts. Working relationships are unsatisfactory. Does not keep others properly informed. Demonstrates a lack of respect for or sensitivity to others. Does not offer support or assistance to co-workers and/or is resistant to assisting when directed to do so. Failure to carry share of work negatively impacts others.
	Progressing in Expectations - On occasion contribution to team does not support team's efforts to meet goals. Employee does not actively contribute to group activities. Informs others only when asked prompted directed or reminded. Has occasional trouble listening to or accepting others' views especially from particular individuals. Infrequently offers support or assistance or does so only when instructed to do so. Has failed to exhibit respect or sensitivity to others.
	Consistently Meets Expectations - When participating in a team supports team's efforts to meet goals. Establishes and maintains good working relationships. Ensures that others are kept informed. Respects the importance of cultural diversity and is sensitive to the feelings of others. Welcomes diverse viewpoints and respects others and their opinions. Regularly assists and supports co-workers. Performs his or her share of the workload including less desirable tasks.
	Frequently Exceeds Expectations - Genuinely values others' input and expertise and is willing to learn from others. Encourages others to express views and opinions. Maintains the self-esteem and self-confidence of others. Frequently offers assistance when needed. Actively contributes to the success of the team when working in a group. Often takes extra measures to assure others are aware of necessary information.
	Consistently Exceeds Expectations - Efforts to establish and maintain strong working relationships are outstanding; is recognized by others as a group leader. Is extremely proactive about keeping others well informed. Consistently solicits the opinions and views of others always maintaining a high degree of objectivity. Acts to promote and contribute to a welcoming productive climate with good morale and cooperation. Is always quick to offer assistance to co-workers.
Supervisor Comments:	

Customer Service :The degree to which customer service and professional rapport is demonstrated in the day-to-day environment in working with internal and/or external customers.

	Needs Improvement - Customer relations performance is unsatisfactory. Has failed to show sufficient courtesy and sensitivity to customers. Has difficulty working with difficult or emotional customers. Commitments are frequently delayed or remain unfulfilled. Responds too slowly when servicing customers. Responds negatively to customer feedback. Customer complaints about curtness or lack of attentive service are common.
	Progressing in Expectations -Customer relations could improve. Needs to increase the level of courtesy and sensitivity s/he displays to customers. Sometimes is too casual or appears uninterested in customer. Sometimes takes too long to respond to customer. Not always successful managing difficult or emotional customers. Sometimes forgets or is late in fulfilling commitments. Seldom asks for customer feedback or uses feedback to improve service.
	Consistently Meets Expectations - Interactions with customers are usually sensitive and courteous. Is able to handle most difficult or emotional customer situations. Responds promptly when servicing customers. Uses customer feedback to improve service. Generally follows through on commitments on a timely basis.
	Frequently Exceeds Expectations - Often achieves positive results with difficult or emotional customers. When interacting with customers is always sensitive and courteous. Often goes out of the way to make sure commitments are met. Responds with a strong sense of urgency when servicing customers. Solicits and uses customer feedback to deliver better service. Is always attentive, concerned and polite.
	Consistently Exceeds Expectations - Well-refined customer relations skills are reflected in consistent superior service; treats all customers with exceptional sensitivity courtesy and respect. When dealing with emotional or difficult customers consistently achieves successful results. Regularly exceeds customer expectations by making a special effort to fulfill commitments. Is extremely responsive to the needs of customers. Proactively solicits customer input and applies feedback to improve the quality of service delivery. Is a constant example to associates in performing customer service and handling difficult situations.
Supervisor Comments:	

Accountability: The degree to which one is answerable and responsible for actions and performance either individually or on a team.

Needs Improvement - Does not demonstrate follow-through. Frequently makes excuses or does not accept responsibility for one's own actions.

Progressing in Expectations - Occasionally shirks responsibility or is not accountable for actions. Doesn't always meet deadlines. Improvement is needed in recognizing areas of responsibility.

Consistently Meets Expectations - Generally is accountable for actions of self or team. Usually assumes responsibility for assignments and timelines.

Frequently Exceeds Expectations - Frequently is conscientious about being answerable and accountable for the actions of self or team. Can be counted on to meet responsibilities and timelines.

Consistently Exceeds Expectations - Always is totally accountable for the performance and actions of self or team. Completely understands job requirements and works in accordance with expectations. Assumes full responsibility for duties.

**Supervisor
Comments:**

Professionalism: The degree to which the employee demonstrates and conveys a favorable image when representing the city. The level of honesty, integrity and confidentiality along with proper standards of professional dress and deportment.

Needs Improvement - The level of conduct, behavior and/or dress is a concern. Improvement must occur to meet the city minimum standards of performance in the area of professionalism. Trustworthiness, behavior, speech and/or appearance are significant concerns. The city's image is threatened by a lack of professionalism.

Progressing in Expectations - Trustworthiness, behavior, speech and/or appearance do not always meet city standards. Lack of professionalism may reflect poorly on the city.

Consistently Meets Expectations - Follows the guidelines of the city in behavior and dress. Regarded as one who can be trusted to represent the organization well.

Frequently Exceeds Expectations - Regarded as an extremely effective ambassador for the city. Above reproach in matters of honesty and integrity. Always careful to represent the city in a manner that reflects a high level of professionalism.

Consistently Exceeds Expectations - Represents the city with the highest standards of professionalism. Exceptional in terms of honesty, integrity, confidentiality, deportment and dress.

**Supervisor
Comments:**

Adaptability: The degree to which one demonstrates openness to change and new ideas. Ability to adjust to changing work requirements and respond to new situations.

	Needs Improvement - Negative toward change. Reluctant or unable to adapt to new situations. Frequently resists change causing problems and delays.
	Progressing in Expectations - Demonstrates a general resistance to change. Can adapt to new situations.
	Consistently Meets Expectations - Generally not resistant to change. Can adapt to many situations requiring a detour from established procedures if given reasonable time to adapt.
	Frequently Exceeds Expectations - Adjusts well to most situations or changes. Supportive and proactive in effecting changes and improving processes.
	Consistently Exceeds Expectations - Fits well into virtually any assignment. Utilizes new ideas to improve operations. Seeks to effectively assimilate change into productive processes.
Supervisor Comments:	

Attitude - The degree to which one is positive, constructive and supportive toward customers employees and the city. The level of enthusiasm and commitment demonstrated in job performance.

	Needs Improvement - Almost always displays a poor attitude toward customers, employees or the city. Negative behavior demoralizes others and adversely impacts the city. Immediate change is necessary.
	Progressing in Expectations - Frequently demonstrates a poor attitude toward customers, employees or the city. Negative impact on others is noticeable.
	Consistently Meets Expectations - Demonstrates constructive and supportive behavior in most situations. Performs job duties with adequate commitment.
	Frequently Exceeds Expectations - Sustains a constructive, supportive attitude in most situations. Job commitment and enthusiasm motivate others.
	Consistently Exceeds Expectations - Always demonstrates positive, constructive, and supportive behavior. Projects enthusiasm and commitment in all aspects of job performance. Consistently motivates others.
Supervisor Comments:	

Conflict Resolution: The ability to successfully resolve conflicts through open communication and negotiation.	
	Needs Improvement - Fails to encourage open communication as a way to solve problems. Avoids difficult situations rather than deal with conflict directly. Loses objectivity when conflicts arise. Often expresses emotions in counterproductive manner. Does not resolved conflicts through negotiation.
	Progressing in Expectations - Does not place enough on open communication in problem solving. Tendency to avoid conflicts. Needs to work on negotiation skills to become more effective at resolving conflicts. Occasionally loses control of emotions in stressful situations. Sometimes loses objectivity when dealing with conflicts.
	Consistently Meets Expectations - Encourages open communication as a means to problem solve. Willing to confront difficult situations. Demonstrates objectivity in difficult situations. Maintains control of emotions in stressful situations and uses negotiation skills to attempt to resolve conflicts.
	Frequently Exceeds Expectations - Promotes open communication as a means for problem solving. Does not hesitate to address difficult situations and maintains objectivity. Stays calm and controls emotions in a stressful situation. Good negotiation skills have helped resolve conflicts.
	Consistently Exceeds Expectations - Actively encourages others to freely discuss problems and facilitates open communication and others respond by discussing problems. Confronts even the most difficult situations promptly and in a positive problem solving manner. Sets a positive example by remaining fair and impartial in conflict situations. Maintains control of emotions even in the most stressful situations and skillfully applies negotiation and mediation techniques to resolve conflicts.
Supervisor Comments:	

Integrity & Commitment: The degree to which one demonstrates behavior in support of the organization and its values. Deals fairly with people; communicates with consistency; ensures open access to information; honors commitments; builds trust through actions; is honest reliable and accountable; and adheres to the Ethics Guidelines for City Employees as presented in the Employee Handbook.

	<p>Needs Improvement - Behavior reflects a disregard for organization's mission values and goals. Performs inconsistently in situations which require ethical responses. Fails to accept responsibility for or attempts to cover up mistakes. Demonstrates behavior that is counter to openness inclusiveness and honesty. Behavior is counterproductive to a work environment that supports continuous improvement and mutual respect. Violations of the City's ethics policy have occurred or misconduct relative to ethical situations is deemed serious.</p>
	<p>Progressing in Expectations - A greater understanding and support for organization's mission values and goals needs to be developed. Could gain greater trust by being more open with other employees. Uncertain when to stand up for principles and beliefs. Needs to accept responsibility for mistakes. Can be ambivalent in some situations. Some concerns about lack of confidentiality poor judgment or uncertainty regarding ethics have been observed and need to be addressed to prevent further problems. Errors in judgment may have occurred due to a lack of understanding.</p>
	<p>Consistently Meets Expectations - Behavior reflects understanding and support for organization's mission values and goals. Demonstrates mutual trust respect and confidence. Behaves in a fair and ethical manner towards others. Is considered consistent and responsible in words and actions. Is a trusted and honest employee who understands the City's ethical standards and strives to abide by established guidelines. Can be relied upon to maintain confidentiality</p>
	<p>Frequently Exceeds Expectations - Behavior consistently reflects high level of understanding and support for organization's mission values and goals. Establishes mutual trust through consistency in actions. Respects others and their opinions. Encourages others to be equally open and honest. Demonstrates high level of ethics in dealing with both internal and external customers. Is honest and trustworthy in all circumstances and confidentiality is consistently demonstrated.</p>
	<p>Consistently Exceeds Expectations - Employee's understanding and support of the organization's mission values and goals inspires others. Demonstrates personal courage by standing up for what is right even when difficult. Assumes responsibility for mistakes. Consistently demonstrates openness and honesty even in difficult negotiations. Is a role model for ethical standards of performance and consistently honors commitments. Honesty trust and ethical behavior are exceptional in all business relationships.</p>
Supervisor Comments:	

Organizational Relations: The degree to which the employee collaboratively works with other internal departments, agencies and/or outside organizations. The level of response to customer requests both internally and externally. Anticipation and control of obstacles.

	Needs Improvement - Rarely goes beyond defined responsibilities. Lack of cooperation with outside parties erodes productivity.
	Progressing in Expectations - Occasionally takes initiative to improve problem situations but often reflects a negative attitude while doing so. Rarely goes beyond defined job responsibilities or is slow to respond to situations that require attention. Interactions with outside parties are not productive.
	Consistently Meets Expectations - Employee is responsive in solving problems when they are observed and has a good attitude while doing so. Works to build cooperative relationships with others.
	Frequently Exceeds Expectations - Responsiveness, collaboration and cooperation are very good. Continually looks for situations that could be improved and takes initiative to reach solutions. Effectively helps others to solve problems to the benefit of all involved parties.
	Consistently Exceeds Expectations - Responsiveness, collaboration and cooperation are exceptional. Always has a very positive attitude in helping others and working toward mutually beneficial solutions to problems.
Supervisor Comments:	

Leadership: The ability to effectively lead others in achieving stated duties and assignments. The level at which the manager is able to motivate people and demonstrates a positive example in leading staff toward achievement of organizational goals and mission.

	Needs Improvement - Completely lacks ability to guide others due to lack of effort desire vision or positive attitude. Leadership skills are inconsistent with city values.
	Progressing in Expectations - Ability to guide others is limited due to lack of effort desire vision or positive attitude. Leadership skills are inconsistent with city values.
	Consistently Meets Expectations - Focus and direction is good and usually consistent with desired results. Leadership skills are adequate but further development may be needed. Generally shares city values and demonstrates a positive attitude toward organizational objectives.
	Frequently Exceeds Expectations - Shares and promotes city values and goals through effective leadership. Encourages and mentors others as needed.
	Consistently Exceeds Expectations - Seen as an exemplary role model contributor and leader. Holds self and others accountable to high standards. Inspires associates to higher levels of performance.
Supervisor Comments:	

Resource Management: Demonstrated ability to identify needs and to allocate resources [staff, budget dollars, equipment supplies, etc.] to ensure effective operating results and cost management. The ability to balance priorities and resource allocations while maintaining high service levels to customers both internal and external.

	Needs Improvement - Resource allocation and cost controls are unacceptable. Resource management skills are not demonstrated.
	Progressing in Expectations - May have difficulty with identifying needs resources and priorities. Performance is lacking in balancing service levels and controlling costs.
	Consistently Meets Expectations - Demonstrates ability to identify needs and allocate resources to accomplish responsibilities and assignments. Proven ability to balance priorities and resources to meet demands of the job.
	Frequently Exceeds Expectations - Demonstrates an above average aptitude in managing allocated resources and identifying needs while still effectively meeting goals, priorities and budgets.
	Consistently Exceeds Expectations - Excellent abilities in managing resources and identifying needs related to area of responsibility. Extremely conscientious in balancing priorities and resources while meeting all service level expectations and cost constraints.
Supervisor Comments:	

Training Performance: The ability to use effective teaching methods in training personnel in respective job responsibilities, technical skills, city operations, applicable regulations, department procedures and all assigned programs.

	Needs Improvement - Training performance does not meet expectations because of lack of commitment, teaching skills, job knowledge or employee support. Improvement is required.
	Progressing in Expectations - Training skills are less than satisfactory on occasion. Greater attention to employee needs, job knowledge and training processes is needed.
	Consistently Meets Expectations - Demonstrates sufficient training skills to be effective in teaching and mentoring personnel to perform the duties of their jobs. Uses varied teaching techniques.
	Frequently Exceeds Expectations - Very skilled in training others to perform their jobs. Employees are well prepared and able to successfully perform job duties. Training strategies are interesting and designed to meet the needs of different employee groups.
	Consistently Exceeds Expectations - Possesses superior training skills that result in thoroughly prepared employees. Demonstrates a high level of job knowledge, mentoring and coaching skills. Teaching techniques are stimulating, well developed, varied and specifically designed for different employee groups [management, technical, administrative, etc.].
Supervisor Comments:	

SUMMARY - Number of Competencies in Each Category/Scoring

# Of Categories	Category	Score	Multiplier	Total Per Category
	Consistently Exceeds Expectations	5	X	0
	Frequently Exceeds Expectations	4	X	0
	Consistently Meets Expectations	3	X	0
	Progressing in Expectations	2	X	0
	Needs Improvement	0	X	0
Total Score				0

Supervisor Comments:**Employee Comments:****Employee Name:****Employee Signature:****Supervisor Name:****Supervisor Signature:****City Administrator
Name/Signature:****Review Period:**

Goals/Objectives Worksheet

Employee Name:

Supervisor Name:

Review Period:

Goals/Objectives to be Achieved:

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Accomplishments:		

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Goal/Objective:	Measurement:	Date to Complete
Accomplishments:		
Employee Name:		
Employee Signature:		
Supervisor Name:		
Supervisor Signature:		
City Administrator Name/Signature:		

Performance Improvement Plan (PIP)

Goal/Improvement Objective:	Measurement:	Date to Complete
Notes:		
Action Step:		

Goal/Improvement Objective:	Measurement:	Date to Complete
Notes:		
Action Step:		

Goal/Improvement Objective:	Measurement:	Date to Complete
Notes:		
Action Step:		

Employee Name/Signature: _____	
Supervisor Name/Signature: _____	
City Administrator Signature: _____	
Date: _____	

Crest Hill

Department Director/Management Employee Performance Assessment Form

Employee Name: _____

Review Period: _____

Supervisor: _____

Department: _____

Instructions:

Supervisors are to complete the form and ranking the employee's performance in the categories provided below. Supervisors are required to provide examples of performance justifying rankings. Both supervisor and employee are to collaborate on determining goals/objectives with appropriate timeframes to be completed prior to the next rating period. Supervisor is expected to provide comments to justify rating including specific examples of job tasks that could justify such ratings. Employees should be offered the opportunity to provide comments on any rating area and may attached additional documentation as they necessary to augment the evaluation form. Supervisors are not obligated to modify any ratings based on the additional input from the employee.

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further organizational objectives. Willingness to update and expand skills knowledge and training.

	Needs Improvement - Has not demonstrated the skills and knowledge to fulfill the essential functions of the position. Has difficulty learning and applying most new skills. Fails to keep updated about current developments and does not fully participate in training opportunities. Demonstrates a lack of understanding of how job relates to others in organization; has negatively impacted others or performance due to lack of understanding of relationship between job and others.
	Progressing in Expectations - Improvement is needed in certain skills and job knowledge. Sometimes has difficulty mastering and applying new skills. Should be more knowledgeable about current developments relating to work. Results could be improved if impact of job on others was better understood and was considered before acting.
	Consistently Meets Expectations - Demonstrates competency in the basic skills and knowledge required for the job. Regularly exhibits the ability to learn and apply new skills. Displays sufficient knowledge of current developments in area of responsibility. Takes advantage of learning opportunities. Consistently displays an understanding of how job relates to other jobs and impacts others.
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	Consistently Exceeds Expectations - Demonstrates significant expertise and in-depth knowledge and skills. Shows an exceptional ability to master and apply new skills and seeks opportunities to expand and apply knowledge and skills. Independently reads and researches extensively staying on top of current developments that might impact work; shares knowledge with others. Displays an extraordinary understanding of how the job relates to the jobs of others; and anticipates consequences of action or events on others and responds appropriately. Helps others understand relationships between jobs and functions.
Supervisor Comments:	

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	Needs Improvement - When participating in a team often fails to support team's efforts to meet goals is disruptive or sabotages team's efforts. Working relationships are unsatisfactory. Does not keep others properly informed. Demonstrates a lack of respect for or sensitivity to others. Does not offer support or assistance to co-workers and/or is resistant to assisting when directed to do so. Failure to carry share of work negatively impacts others.
	Progressing in Expectations - On occasion contribution to team does not support team's efforts to meet goals. Employee does not actively contribute to group activities. Informs others only when asked prompted directed or reminded. Has occasional trouble listening to or accepting others' views especially from particular individuals. Infrequently offers support or assistance or does so only when instructed to do so. Has failed to exhibit respect or sensitivity to others.
	Consistently Meets Expectations - When participating in a team supports team's efforts to meet goals. Establishes and maintains good working relationships. Ensures that others are kept informed. Respects the importance of cultural diversity and is sensitive to the feelings of others. Welcomes diverse viewpoints and respects others and their opinions. Regularly assists and supports co-workers. Performs his or her share of the workload including less desirable tasks.
	Frequently Exceeds Expectations - Genuinely values others' input and expertise and is willing to learn from others. Encourages others to express views and opinions. Maintains the self-esteem and self-confidence of others. Frequently offers assistance when needed. Actively contributes to the success of the team when working in a group. Often takes extra measures to assure others are aware of necessary information.
	Consistently Exceeds Expectations - Efforts to establish and maintain strong working relationships are outstanding; is recognized by others as a group leader. Is extremely proactive about keeping others well informed. Consistently solicits the opinions and views of others always maintaining a high degree of objectivity. Acts to promote and contribute to a welcoming productive climate with good morale and cooperation. Is always quick to offer assistance to co-workers.
Supervisor Comments:	

Customer Service :The degree to which customer service and professional rapport is demonstrated in the day-to-day environment in working with internal and/or external customers.

	Needs Improvement - Customer relations performance is unsatisfactory. Has failed to show sufficient courtesy and sensitivity to customers. Has difficulty working with difficult or emotional customers. Commitments are frequently delayed or remain unfulfilled. Responds too slowly when servicing customers. Responds negatively to customer feedback. Customer complaints about curtness or lack of attentive service are common.
	Progressing in Expectations -Customer relations could improve. Needs to increase the level of courtesy and sensitivity s/he displays to customers. Sometimes is too casual or appears uninterested in customer. Sometimes takes too long to respond to customer. Not always successful managing difficult or emotional customers. Sometimes forgets or is late in fulfilling commitments. Seldom asks for customer feedback or uses feedback to improve service.
	Consistently Meets Expectations - Interactions with customers are usually sensitive and courteous. Is able to handle most difficult or emotional customer situations. Responds promptly when servicing customers. Uses customer feedback to improve service. Generally follows through on commitments on a timely basis.
	Frequently Exceeds Expectations - Often achieves positive results with difficult or emotional customers. When interacting with customers is always sensitive and courteous. Often goes out of the way to make sure commitments are met. Responds with a strong sense of urgency when servicing customers. Solicits and uses customer feedback to deliver better service. Is always attentive, concerned and polite.
	Consistently Exceeds Expectations - Well-refined customer relations skills are reflected in consistent superior service; treats all customers with exceptional sensitivity courtesy and respect. When dealing with emotional or difficult customers consistently achieves successful results. Regularly exceeds customer expectations by making a special effort to fulfill commitments. Is extremely responsive to the needs of customers. Proactively solicits customer input and applies feedback to improve the quality of service delivery. Is a constant example to associates in performing customer service and handling difficult situations.
Supervisor Comments:	

Accountability: The degree to which one is answerable and responsible for actions and performance either individually or on a team.

	Needs Improvement -Does not demonstrate follow-through. Frequently makes excuses or does not accept responsibility for one's own actions.
	Progressing in Expectations - Occasionally shirks responsibility or is not accountable for actions. Doesn't always meet deadlines. Improvement is needed in recognizing areas of responsibility.
	Consistently Meets Expectations - Generally is accountable for actions of self or team. Usually assumes responsibility for assignments and timelines.
	Frequently Exceeds Expectations - Frequently is conscientious about being answerable and accountable for the actions of self or team. Can be counted on to meet responsibilities and timelines.
	Consistently Exceeds Expectations - Always is totally accountable for the performance and actions of self or team. Completely understands job requirements and works in accordance with expectations. Assumes full responsibility for duties.
Supervisor Comments:	

Professionalism: The degree to which the employee demonstrates and conveys a favorable image when representing the city. The level of honesty, integrity and confidentiality along with proper standards of professional dress and deportment.

	Needs Improvement - The level of conduct, behavior and/or dress is a concern. Improvement must occur to meet the city minimum standards of performance in the area of professionalism. Trustworthiness, behavior, speech and/or appearance are significant concerns. The city's image is threatened by a lack of professionalism.
	Progressing in Expectations - Trustworthiness, behavior, speech and/or appearance do not always meet city standards. Lack of professionalism may reflect poorly on the city.
	Consistently Meets Expectations - Follows the guidelines of the city in behavior and dress. Regarded as one who can be trusted to represent the organization well.
	Frequently Exceeds Expectations - Regarded as an extremely effective ambassador for the city. Above reproach in matters of honesty and integrity. Always careful to represent the city in a manner that reflects a high level of professionalism.
	Consistently Exceeds Expectations - Represents the city with the highest standards of professionalism. Exceptional in terms of honesty, integrity, confidentiality, deportment and dress.
Supervisor Comments:	

Adaptability: The degree to which one demonstrates openness to change and new ideas. Ability to adjust to changing work requirements and respond to new situations.

	Needs Improvement - Negative toward change. Reluctant or unable to adapt to new situations. Frequently resists change causing problems and delays.
	Progressing in Expectations - Demonstrates a general resistance to change. Can adapt to new situations.
	Consistently Meets Expectations - Generally not resistant to change. Can adapt to many situations requiring a detour from established procedures if given reasonable time to adapt.
	Frequently Exceeds Expectations - Adjusts well to most situations or changes. Supportive and proactive in effecting changes and improving processes.
	Consistently Exceeds Expectations - Fits well into virtually any assignment. Utilizes new ideas to improve operations. Seeks to effectively assimilate change into productive processes.
Supervisor Comments:	

Attitude - The degree to which one is positive, constructive and supportive toward customers employees and the city. The level of enthusiasm and commitment demonstrated in job performance.

	Needs Improvement - Almost always displays a poor attitude toward customers, employees or the city. Negative behavior demoralizes others and adversely impacts the city. Immediate change is necessary.
	Progressing in Expectations - Frequently demonstrates a poor attitude toward customers, employees or the city. Negative impact on others is noticeable.
	Consistently Meets Expectations - Demonstrates constructive and supportive behavior in most situations. Performs job duties with adequate commitment.
	Frequently Exceeds Expectations - Sustains a constructive, supportive attitude in most situations. Job commitment and enthusiasm motivate others.
	Consistently Exceeds Expectations - Always demonstrates positive, constructive, and supportive behavior. Projects enthusiasm and commitment in all aspects of job performance. Consistently motivates others.
Supervisor Comments:	

Conflict Resolution: The ability to successfully resolve conflicts through open communication and negotiation.	
	Needs Improvement - Fails to encourage open communication as a way to solve problems. Avoids difficult situations rather than deal with conflict directly. Loses objectivity when conflicts arise. Often expresses emotions in counterproductive manner. Does not resolved conflicts through negotiation.
	Progressing in Expectations - Does not place enough on open communication in problem solving. Tendency to avoid conflicts. Needs to work on negotiation skills to become more effective at resolving conflicts. Occasionally loses control of emotions in stressful situations. Sometimes loses objectivity when dealing with conflicts.
	Consistently Meets Expectations - Encourages open communication as a means to problem solve. Willing to confront difficult situations. Demonstrates objectivity in difficult situations. Maintains control of emotions in stressful situations and uses negotiation skills to attempt to resolve conflicts.
	Frequently Exceeds Expectations - Promotes open communication as a means for problem solving. Does not hesitate to address difficult situations and maintains objectivity. Stays calm and controls emotions in a stressful situation. Good negotiation skills have helped resolve conflicts.
	Consistently Exceeds Expectations - Actively encourages others to freely discuss problems and facilitates open communication and others respond by discussing problems. Confronts even the most difficult situations promptly and in a positive problem solving manner. Sets a positive example by remaining fair and impartial in conflict situations. Maintains control of emotions even in the most stressful situations and skillfully applies negotiation and mediation techniques to resolve conflicts.
Supervisor Comments:	

Integrity & Commitment: The degree to which one demonstrates behavior in support of the organization and its values. Deals fairly with people; communicates with consistency; ensures open access to information; honors commitments; builds trust through actions; is honest reliable and accountable; and adheres to the Ethics Guidelines for City Employees as presented in the Employee Handbook.

	<p>Needs Improvement - Behavior reflects a disregard for organization's mission values and goals. Performs inconsistently in situations which require ethical responses. Fails to accept responsibility for or attempts to cover up mistakes. Demonstrates behavior that is counter to openness inclusiveness and honesty. Behavior is counterproductive to a work environment that supports continuous improvement and mutual respect. Violations of the City's ethics policy have occurred or misconduct relative to ethical situations is deemed serious.</p>
	<p>Progressing in Expectations - A greater understanding and support for organization's mission values and goals needs to be developed. Could gain greater trust by being more open with other employees. Uncertain when to stand up for principles and beliefs. Needs to accept responsibility for mistakes. Can be ambivalent in some situations. Some concerns about lack of confidentiality poor judgment or uncertainty regarding ethics have been observed and need to be addressed to prevent further problems. Errors in judgment may have occurred due to a lack of understanding.</p>
	<p>Consistently Meets Expectations - Behavior reflects understanding and support for organization's mission values and goals. Demonstrates mutual trust respect and confidence. Behaves in a fair and ethical manner towards others. Is considered consistent and responsible in words and actions. Is a trusted and honest employee who understands the City's ethical standards and strives to abide by established guidelines. Can be relied upon to maintain confidentiality</p>
	<p>Frequently Exceeds Expectations - Behavior consistently reflects high level of understanding and support for organization's mission values and goals. Establishes mutual trust through consistency in actions. Respects others and their opinions. Encourages others to be equally open and honest. Demonstrates high level of ethics in dealing with both internal and external customers. Is honest and trustworthy in all circumstances and confidentiality is consistently demonstrated.</p>
	<p>Consistently Exceeds Expectations - Employee's understanding and support of the organization's mission values and goals inspires others. Demonstrates personal courage by standing up for what is right even when difficult. Assumes responsibility for mistakes. Consistently demonstrates openness and honesty even in difficult negotiations. Is a role model for ethical standards of performance and consistently honors commitments. Honesty trust and ethical behavior are exceptional in all business relationships.</p>
Supervisor Comments:	

Organizational Relations: The degree to which the employee collaboratively works with other internal departments, agencies and/or outside organizations. The level of response to customer requests both internally and externally. Anticipation and control of obstacles.

	Needs Improvement - Rarely goes beyond defined responsibilities. Lack of cooperation with outside parties erodes productivity.
	Progressing in Expectations - Occasionally takes initiative to improve problem situations but often reflects a negative attitude while doing so. Rarely goes beyond defined job responsibilities or is slow to respond to situations that require attention. Interactions with outside parties are not productive.
	Consistently Meets Expectations - Employee is responsive in solving problems when they are observed and has a good attitude while doing so. Works to build cooperative relationships with others.
	Frequently Exceeds Expectations - Responsiveness, collaboration and cooperation are very good. Continually looks for situations that could be improved and takes initiative to reach solutions. Effectively helps others to solve problems to the benefit of all involved parties.
	Consistently Exceeds Expectations - Responsiveness, collaboration and cooperation are exceptional. Always has a very positive attitude in helping others and working toward mutually beneficial solutions to problems.
Supervisor Comments:	

Leadership: The ability to effectively lead others in achieving stated duties and assignments. The level at which the manager is able to motivate people and demonstrates a positive example in leading staff toward achievement of organizational goals and mission.

	Needs Improvement - Completely lacks ability to guide others due to lack of effort desire vision or positive attitude. Leadership skills are inconsistent with city values.
	Progressing in Expectations - Ability to guide others is limited due to lack of effort desire vision or positive attitude. Leadership skills are inconsistent with city values.
	Consistently Meets Expectations - Focus and direction is good and usually consistent with desired results. Leadership skills are adequate but further development may be needed. Generally shares city values and demonstrates a positive attitude toward organizational objectives.
	Frequently Exceeds Expectations - Shares and promotes city values and goals through effective leadership. Encourages and mentors others as needed.
	Consistently Exceeds Expectations - Seen as an exemplary role model contributor and leader. Holds self and others accountable to high standards. Inspires associates to higher levels of performance.
Supervisor Comments:	

Resource Management: Demonstrated ability to identify needs and to allocate resources [staff, budget dollars, equipment supplies, etc.] to ensure effective operating results and cost management. The ability to balance priorities and resource allocations while maintaining high service levels to customers both internal and external.

	Needs Improvement - Resource allocation and cost controls are unacceptable. Resource management skills are not demonstrated.
	Progressing in Expectations - May have difficulty with identifying needs resources and priorities. Performance is lacking in balancing service levels and controlling costs.
	Consistently Meets Expectations - Demonstrates ability to identify needs and allocate resources to accomplish responsibilities and assignments. Proven ability to balance priorities and resources to meet demands of the job.
	Frequently Exceeds Expectations - Demonstrates an above average aptitude in managing allocated resources and identifying needs while still effectively meeting goals, priorities and budgets.
	Consistently Exceeds Expectations - Excellent abilities in managing resources and identifying needs related to area of responsibility. Extremely conscientious in balancing priorities and resources while meeting all service level expectations and cost constraints.
Supervisor Comments:	

Training Performance: The ability to use effective teaching methods in training personnel in respective job responsibilities, technical skills, city operations, applicable regulations, department procedures and all assigned programs.

	Needs Improvement - Training performance does not meet expectations because of lack of commitment, teaching skills, job knowledge or employee support. Improvement is required.
	Progressing in Expectations - Training skills are less than satisfactory on occasion. Greater attention to employee needs, job knowledge and training processes is needed.
	Consistently Meets Expectations - Demonstrates sufficient training skills to be effective in teaching and mentoring personnel to perform the duties of their jobs. Uses varied teaching techniques.
	Frequently Exceeds Expectations - Very skilled in training others to perform their jobs. Employees are well prepared and able to successfully perform job duties. Training strategies are interesting and designed to meet the needs of different employee groups.
	Consistently Exceeds Expectations - Possesses superior training skills that result in thoroughly prepared employees. Demonstrates a high level of job knowledge, mentoring and coaching skills. Teaching techniques are stimulating, well developed, varied and specifically designed for different employee groups [management, technical, administrative, etc.].
Supervisor Comments:	

Budget Development & Control: The degree to which the individual projects develops and meets budgets in accordance with city financial guidelines and controls.

	Needs Improvement - Budget projection development and compliance are extremely poor. Lack of budget controls and inattention to company guidelines creates financial problems.
	Progressing in Expectations - Budget projections are inaccurate and/or compliance is repeatedly not met. Monitoring of budget controls and city guidelines is lax.
	Consistently Meets Expectations - Budget projection development and control are within city guidelines. Budget goals are met with few exceptions.
	Frequently Exceeds Expectations - Budget projection development and control are sound and accurate. Budget goals are consistently met with minor exceptions.
	Consistently Exceeds Expectations - Demonstrates exceptional skill in projecting, developing, controlling and meeting budgets. Budget exceptions are non-existent or occur only with full management approval.
Supervisor Comments:	

Written Communication: Ability to write memos, letters, agendas, e-mails, proposals and documents that communicate ideas clearly, accurately and with proper grammar. The level at which written documents support effective operations and reflect the City's professional image.

	Needs Improvement - Written materials are unclear, inaccurate and/or poorly organized. Rules of grammar are not followed. Written communication reflects poorly on the department and the organization.
	Progressing in Expectations - Written communication does not convey meaning clearly. Documents may be disorganized and difficult to understand. Grammatical errors may be present.
	Consistently Meets Expectations - Written communication is good. Writing is usually well organized and clear. Written documents contribute to smooth area operations. Rules of grammar are usually followed.
	Frequently Exceeds Expectations - Written communication is very good. Documents communicate information accurately and timely and ideas are well organized. Written communication is used effectively to support area operations. Rules of grammar are followed.
	Consistently Exceeds Expectations - Written communication is of the highest quality. Documents are exceptionally clear concise timely and well organized. Ideas are supported by logical conclusions and appropriate recommendations. Written communication is effectively used to enhance area operations and reflect the City's professional image. Rules of grammar are followed precisely.
Supervisor Comments:	

Self Management & Initiative: The degree to which an employee performs job responsibilities independently and responsibly; proactively completes tasks anticipates issues and solves problems; demonstrates dependability; and complies with attendance and punctuality expectations.

	Needs Improvement - The quantity of work produced for employee's position and experience is not acceptable. Problems often escalated because of failure to address them promptly. Easily distracted and frequently disrupts co-workers' ability to meet deadlines. Resists taking on assigned job responsibilities. Inability to remain focused and energized negatively impacts others. Rejects suggestions for improvement; setbacks have resulted in ongoing performance issues. Attendance and/or punctuality issues occur on a regular basis.
	Progressing in Expectations - Quantity of work produced for position and experience needs to be increased. Requires frequent supervisor intervention to meet objectives and occasionally misses deadlines. Problems should be brought to the attention of a supervisor with suggestions for resolution. Should become more skilled at anticipating issues. Needs to exhibit greater willingness to accept responsibilities not related to a subject of the employee's particular interest. Frequently loses energy and focus. Not fully accepting of suggestions for improvement and has difficulty recovering from setbacks. Improvement in attendance and/or punctuality is needed.
	Consistently Meets Expectations - Produces the anticipated quantity of work for position and experience, and willingly accepts additional tasks. Understands when to seek supervisor input and/or to involve others and takes independent action when appropriate. Displays ability to anticipate issues; gathers and analyzes information appropriately to solve problems. Organizes tasks and manages workload to meet deadlines consistently. Occasionally suggests useful ideas for improving own work. Demonstrates ability to remain focused and energized. Effectively responds to constructive criticism and recovers from setbacks. Attendance and punctuality meet expectations, and any absences or late arrivals are reported promptly to supervisor.
	Frequently Exceeds Expectations - Regularly produces quantity of work beyond that expected for position and experience; displays thoughtful prioritization of work. Frequently takes independent actions with positive results. Regularly seeks opportunities to improve efficiency in own work. Requires little supervision to meet objectives and deadlines. Actively seeks additional responsibilities. Remains focused and energized despite stressful conditions. Fully accepts suggestions for improvement and recovers quickly from setbacks. No attendance and/or punctuality issues have been noted.
	Consistently Exceeds Expectations - Routinely produces a quantity of work well beyond that expected for position and experience. Demonstrates initiative in anticipating issues that may impact work and takes action before they become critical. Consistently meets objectives and deadlines without supervisor intervention through effective prioritization. When it comes to seeking increased responsibilities, is not limited by the scope of the position. Remains highly focused and energized, even in the most stressful situations. Seeks out suggestions for improvement and shows exceptional resilience in recovering from setbacks. Excellent attendance and punctuality record; employee use of sick leave is minimal.
Supervisor Comments:	

Responsiveness: The degree to which the employee responds to needs and issues of customers and departments to achieve optimal results for the organization. The ability to fulfill customer requests both internally and externally in a timely manner and anticipate and control obstacles.

	Needs Improvement - Unable to respond to customer needs. Often reflects a negative attitude. Rarely goes beyond defined responsibilities.
	Progressing in Expectations - May occasionally respond to customer needs but often reflects a negative attitude while doing so. Rarely goes beyond defined job responsibilities.
	Consistently Meets Expectations - Employee is responsive in solving problems and meeting customer needs. Has a good attitude and acts in a timely manner.
	Frequently Exceeds Expectations - Shows good initiative in recognizing and meeting the needs of internal and external customers. Responds timely and cheerfully and minimizes obstacles.
	Consistently Exceeds Expectations - Responsiveness is consistently at a high level. Effectively anticipates and meets the needs of internal and external customers always with a positive attitude.
Supervisor Comments:	

Research Skills: The ability to use approved research techniques to gather and analyze critical information from a variety of sources, analyze data and factors affecting a situation, and come to an appropriate conclusion. The ability to communicate with organizations or personnel who may be sources of research material. The ability to compile, organize, and effectively present findings via written summary or oral presentation.

	Needs Improvement - Significant problems have occurred as a result of faulty, incomplete research and conclusions. Research techniques are inconsistent, poorly demonstrated, and not in accordance with organizational standards and procedures. Poor communication with sources of information has negatively impacted research projects. Reports and presentations of findings are unacceptable.
	Progressing in Expectations - Research skills are in need of improvement. Materials gathered are often incomplete sometimes leading to inaccurate conclusions. Research techniques may not conform to organizational standards and procedures. Shows deficiencies in communicating effectively with sources of information. Written or oral presentations of findings are often late, incomplete, poorly organized, or poorly presented.
	Consistently Meets Expectations - Successfully gathers applicable, related information, analyzes components affecting a situation or problem, and draws appropriate conclusions. Research techniques conform to organizational standards and procedures. Communicates with sources of research material. Able to provide good written or oral summaries of research results.
	Frequently Exceeds Expectations - Shows significant skill in gathering applicable, related information, analyzing the components affecting a situation or problem, and reaching an appropriate conclusion based on the research. Effectively uses research techniques according to organizational standards and procedures. Effectively communicates with sources of research material. Presentations or written summaries of research are complete, accurate, and helpful to management.
	Consistently Exceeds Expectations - Demonstrates a high degree of skill in gathering applicable, related information, analyzing all the components affecting a situation or problem, and reaching an appropriate conclusion based on the research. Always uses approved research techniques according to organizational standards and procedures. Extremely effective in communicating with organizations, personnel, or other sources of research material. Presentations or written summaries of research are effectively organized, well-presented and thought out, and clearly explained.
Supervisor Comments:	

Management Effectiveness: The overall ability to supervise and direct work projects and/or resources to meet department goals. The level at which one is able to prioritize unit operations, respond to changing conditions and manage costs effectively.

	Needs Improvement - Management skills are poor. Established department goals standards and objectives are frequently unmet. Significant problems exist in motivating people planning effectively responding to problems and/or managing costs.
	Progressing in Expectations - Marginal management skills impair the ability to consistently meet department goals standards and objectives. Exhibits some problems with motivating people managing materials planning effectively responding to problems and/or meeting budget constraints.
	Consistently Meets Expectations - Demonstrates proficient management skills. Usually meets established goals standards and objectives. Attends well to people planning problem solving and cost management.
	Frequently Exceeds Expectations - Demonstrates strong management proficiency. Frequently exceeds established goals and objectives. Possesses solid "people skills" planning abilities problem solving and budget competence.
	Consistently Exceeds Expectations - Exemplary in every aspect of management. Consistently exceeds established goals and objectives. Possesses exceptional "people skills" planning abilities responsiveness problem solving and budget competence. Seeks and achieves innovative solutions and improvement.
Supervisor Comments:	
Innovation: The ability to adapt to fast-changing environments. Willingness to take risks and to consider new approaches to improve the organization's competitive position.	
	Needs Improvement - Innovative efforts are without depth or merit. No impact is made on improving city processes, methods or products.
	Progressing in Expectations - Innovative efforts demonstrate some effectiveness but better development is needed. Some ideas lack depth or completeness.
	Consistently Meets Expectations - Demonstrates not only an aptitude for creativity but contributions have some proven results. Generally produces good ideas.
	Frequently Exceeds Expectations - Frequently comes up with new and better ways of improving processes, methods and products.
	Consistently Exceeds Expectations - Demonstrates exceptional talents in creating new and effective processes, methods and products.
Supervisor Comments:	

Decision Making & Judgment: The ability to make prudent decisions that are timely, well researched and reflect awareness of impact.

	Needs Improvement - Unable to either make necessary decisions to fulfill job requirements or makes decisions hastily. Does not exercise sound judgment. Lack of decisiveness creates adverse consequences for city operations.
	Progressing in Expectations - Frequently fails to either make necessary decisions to fulfill job requirements or makes decisions hastily. Does not always exercise sound judgment. Indecisiveness impacts operations negatively.
	Consistently Meets Expectations - Makes decisions and exercises proper judgment to fulfill job requirements. Infrequent indecisiveness may occur but is of minor consequence.
	Frequently Exceeds Expectations - Makes decisions and exercises proper judgment to fulfill job requirements. Infrequent indecisiveness may occur but is of minor consequence.
	Consistently Exceeds Expectations - Decision making is systematic and sound covering related contingencies, consequences and alternatives. Has earned a high level of trust among co-workers.
Supervisor Comments:	

Oral Communications: The ability to communicate meaningfully through both formal and informal oral presentations. The use of effective verbal communication skills including voice quality, speech clarity, active listening and proper grammar.

	Needs Improvement - Oral communication is poor. Information presented is inaccurate unclear and/or redundant. Voice quality, speech clarity and/or grammar skills are very poor.
	Progressing in Expectations - Oral communication is not effective. Information presented is often unclear. Voice quality speech clarity and/or grammar skills are poor.
	Consistently Meets Expectations - Oral communication is good. Information is conveyed appropriately and accurately. Voice quality speech clarity and grammar skills are adequate.
	Frequently Exceeds Expectations - Oral communication is effective. Both formal and informal presentations provide useful and accurate information. Voice quality, speech clarity and grammar skills are very good.
	Consistently Exceeds Expectations - Oral communication is exceptional. Both formal and informal presentations are well organized and clear. Voice quality speech clarity and grammar skills are excellent. Verbal communication effectively inspires, motivates, informs and directs recipients to achieve desired outcomes.
Supervisor Comments:	

Presentation Skills: The ability to effectively prepare and present a variety of information to diverse groups.	
	Needs Improvement - Significant problems have occurred with presentation preparation, organization and/or delivery. Is unable to handle different formats well. Audience perception and connection are poor. Presentations do not achieve desired results.
	Progressing in Expectations - Presentations may be lacking in preparation, organization and/or delivery. May not be flexible with different formats. Audience perception and connection are inadequate. Does not consistently achieve desired results.
	Consistently Meets Expectations - Effectively organizes, prepares and presents most information. Presentation skills are appropriate for nearly all settings. Usually achieves desired results and is well-received by audiences.
	Frequently Exceeds Expectations - Demonstrates strong ability to organize, prepare and present information. Possesses depth of knowledge and is flexible with presentation formats. Well-received by audiences. Presentations are excellent and consistently achieve desired results.
	Consistently Exceeds Expectations - Demonstrates exceptional ability to organize, prepare and present information. Possesses significant depth of knowledge and is flexible with presentation formats. Exhibits strong audience perception, connection and charisma. Presentations are very engaging and effective and consistently achieve desired results.
Supervisor Comments:	

SUMMARY - Number of Competencies in Each Category/Scoring

# Of Categories	Category	Score	Multiplier	Total Per Category
	Consistently Exceeds Expectations	5	X	0
	Frequently Exceeds Expectations	4	X	0
	Consistently Meets Expectations	3	X	0
	Progressing in Expectations	2	X	0
	Needs Improvement	0	X	0
Total Score				0

Supervisor Comments:**Employee Comments:****Employee Name:****Employee Signature:****Supervisor Name:****Supervisor Signature:****City Administrator
Name/Signature:****Review Period:**

Goals/Objectives Worksheet

Employee Name:

Supervisor Name:

Review Period:

Goals/Objectives to be Achieved:

Instructions: Goals/Objectives MUST be specific, measurable, achievable, relevant and time-bound. Supervisor is required to meet periodically with the employee to determine progress towards a goal/objective. If the timeframe for achievement changes it must be noted on the form. Documentation of completion or progress MUST be provided on this form as a tracking mechanism. Documentation of completion or progress MUST be included on the performance evaluation for the next rating period. This section is not intended to address performance deficiencies, if such items are identified they are to be addressed through a Performance Improvement Plan (PIP).

Goal/Objective:

Measurement:

**Date to
Complete**

Accomplishments:

Goal/Objective:	Measurement:	Date to Complete
Accomplishments:		

Goal/Objective:	Measurement:	Date to Complete
Accomplishments:		

Goal/Objective:	Measurement:	Date to Complete
Accomplishments:		

Goal/Objective:	Measurement:	Date to Complete
Accomplishments:		

Employee Name:

Employee Signature:

Supervisor Name:

Supervisor Signature:

City Administrator Name/Signature:

Performance Improvement Plan (PIP)

Goal/Improvement Objective:	Measurement:	Date to Complete
Notes:		
Action Step:		

Goal/Improvement Objective:	Measurement:	Date to Complete
Notes:		
Action Step:		

Goal/Improvement Objective:	Measurement:	Date to Complete
Notes:		
Action Step:		

Employee Name/Signature: _____	
Supervisor Name/Signature: _____	
City Administrator _____	
Date: _____	



Employee Performance Evaluation Program

The City of Crest Hill is committed to providing efficient and effective service to its residents through thoughtful and reasonable performance in which the needs of the citizens are considered first and foremost by the actions on display in the performance of our work. In order to ensure there is a continuous reinforcement of this service commitment city employees will be evaluated in their performance to define expectations and responsibilities for improvement. Decisions regarding this commitment will be reflected in the actions of all employees as they perform their work duties.

CORE Values:

Core values are the value statements that all employees utilize as part of their typical performance and decision making in support of the service provided to the residents of the city.

Honesty: Speaking and acting truthfully. Showing respect towards others and having integrity and self-awareness.

Service: Commitment and dedication to helping others. Treat financial decisions as if the funds under consideration were your own.

Professionalism: Conducting oneself with responsibility, integrity, accountability, and excellence. Consistently achieving high standards both visibly and behind the scenes.

Integrity: Acting ethically and transparently in work situations, prioritizing doing the right thing over personal gain. Being accountable and following through with decisions made, even if no one is around to see it.

Leadership: Setting an example. The ability of an individual or a group of people to influence and guide others within the organization or team.

Teamwork: Working together to successfully complete a task. Cohesiveness of a team to create a positive working atmosphere that recognizes the strengths and skills that each team member brings. Never saying "it's not my job" but instead "how can I help?"

Respect: Showing regard for someone's abilities and worth that values their feelings and their views, even when one does not necessarily agree with them. Accept others on an equal basis and give them the same consideration one would expect for themselves.

Transparency: Be open in communication and accountability.

Empathy: Ability to emotionally understand what others feel to see things from their point of view.

Employee Evaluation Process:

The evaluation process is a systemic and periodic process that assesses an individual employee's job performance and productivity in relation to established performance criteria and organizational objectives. The process is interactive in which both employee and supervisor are encouraged to openly and thoroughly discuss past and future performance.

Considerations as Part of Employee Evaluations:

The following are guidelines to keep in mind when preparing for performance evaluations. The performance evaluation process is continuous, and a supervisor has a responsibility to be the communications conduit and be aware of ensuring employees have clearly defined expectations and measurable goals and objectives. General subjective statements about performance interactions are not meaningful in terms of motivating and communicating to employees. Supervisors function as coaches in terms of defining expectations for employees and assist in reaching those expectations.

Guidelines to Consider as Part of a Performance Evaluation:

- Employees generally like to know where they stand in terms of performance and defining expectations as part of an evaluation process is a foundational component of that interaction as a supervisor.
- Generally, the annual performance evaluation process should be a summary of the performance interactions the supervisor has had and documented with the employee throughout the year. The information shared and summarized on the evaluation forms should not be a surprise to either the employee or supervisor.
- Typically, the annual evaluation is a summary of the coaching documents of previous periodic discussions throughout the year. The annual evaluation should not be a stand-alone document that is generated from memory. It is very difficult to recall specific examples of performance in that manner and it is unfair to the employee. As a supervisor it is your responsibility to coach the employee throughout the year and documentation of these coaching events should be retained to generate the annual review document.
- When considering a rating or ranking of performance make sure a supervisor can articulate how the ranking was determined, or rating can be provided in a written format. In addition, if the ranking allows for room for improvement make sure the supervisor articulates the performance expected to improve the ranking/rating.
- Avoid subjective statements and generalizations of performance. Provide as many specific examples of performance as possible. If the performance meets expectations, describe why, if it does not explain why. This process is the opportunity to set the expectations for the employee and they desire and deserve

as much direction and information as possible, just as you would if you were being evaluated.

- Determining goals/objectives for the coming year should be a collaborative effort between the supervisor and the employee. This collaboration will allow for improved "buy-in" and commitment from the employee. This collaboration also allows for dialogue as to what is expected and what is achievable.
- Goals/objectives should clearly be documented as objective items that are clearly measurable with defined deadlines. Avoid statements or a goal/objective that cannot be measured to determine success in achievement. If there are milestones that illustrate progress toward an overall deadline, make sure those milestones are included as achievement steps with appropriate dates for achievement.
- The performance evaluation process is not intended as negative interaction. It should be considered as an opportunity to undertake a candid discussion with your employee as a coach to help the employee build upon their skillset to be more valuable to the organization.
- As part of the evaluation process avoid the "halo" effect. This occurs when a supervisor rates the employee high in a predominant number of categories and bases the rating on subjective feelings that the employee is maintaining routine work tasks without any future performance measurable goals/objectives.
- A supervisor should be mindful of their ranking/ratings in especially high ratings noting that the number of employees that reach that level consistently is statistically less than 10 percent of a typical employee population.
- As a supervisor you should also ask the employee what support they need from you as a supervisor to assist in their success. Supervisors are ultimately responsible for the success of the employee through defining expectations, coaching and accountability.
- Once the evaluation is completed the signature of the employee is solely for the verification of the evaluation process and acknowledgement of the interaction. The evaluation process should conclude with both the employee and supervisor acknowledging the measurable improvements clearly defined.
- In the rare instances in which the employee disagrees with a particular rating/ranking allow them to provide written documentation outlining why they feel the ranking/rating is not reflective of their performance. This written documentation will be included as part of the overall performance evaluation document when submitted as a complete record. The supervisor is not obligated to change any rankings/ratings based on the employee's written documentation. The supervisor is encouraged to review the written documentation and add additional information on the evaluation form as they see fit to balance the employee comments with the supervisor's rankings/ratings.
- Furthermore, if any additional comments are added to the evaluation documents the employee must receive a final copy of the evaluation form along with any attachments.
- Human Resources personnel are readily available to assist you as supervisor to create the best product possible. If in doubt, request the Human Resources

representative to review your evaluation form BEFORE you sit down with the employee to ensure consistency and completeness to the process.

Components of an Employee Performance Evaluation:

Employee performance appraisal process is a year-round activity that culminates with the annual review that summaries the progress recorded throughout the year. It is critical that periodic written documentation is generated to measure progress towards any goals, objectives, or professional development activities. This documentation should match previously defined timeframes as to determination of progress. Written documentation of performance progress is essential for new employees as part of the probationary review period.

Below is a suggested timeframe for employee performance evaluations.

New Hires:

- Action: Provide an outline of job responsibilities and expectations to the new employee upon hire. Also, outline any critical path tasks and timeframes required to demonstrate competencies.
 - Due Date: Information provided within one week of start date.
- Action: Check on progress of learning processes of critical job tasks as previously outlined. Progress should be in written detail.
 - Due Date: Check-ins should be no less than every 30 days of employment during the first 4 months of employment.
- Action: Review progress of development of job tasks and knowledge as it applies to overall job performance. This progress should be in writing. If there are any deficiencies, they should be discussed and documented with an action plan and timeframe.
 - Due Date: Should be completed at least 30 days prior to the 6-month anniversary (end of probation).
- Action: Supervisor and employee jointly discuss and create a summary document (performance evaluation) detailing the progress of the employee's training and development related to performing required job tasks. The summary document will also detail previously established goals and objectives and the progress towards their completion. Any deficiencies must be documented and if improvement plans are deemed necessary such plans must be in a written format with specific timeframes. A recommendation must be made by the supervisor as to whether the employee will be retained as a non-probationary employee, or the probation period should be extended for additional development. A review of the summary document should be performed by Human Resources prior to discussion with the employee.
 - Due Date: Completion within 2 weeks prior to the end of the 6-month probationary period.

Non-Probationary Employees:

- Action: Supervisor and employee review progress towards completion of the previously established goals and objectives along with any employee development elements. This review should be every 3 months during the year to ensure feedback and progress is tracked and if any deadlines need adjustment such changes can be undertaken prior to the next review period.
 - Due Date: Review of performance every 3 months during the year to track progress in real time and allow for timeframe adjustments as necessary.
- Action: Prior to completion of the annual review summary review document any items that have previously been identified for additional effort through a performance improvement plan (PIP), consult with Human Resources to ensure any PIP is reasonable.
 - Due Date: Review of PIPs at least 30 days prior to the due date of the performance summary being discussed with the employee.
- Action: Complete the performance summary based on the quarterly reviews that were previously discussed with the employee over the past year. If the supervisor would like a review of the proposed performance summary prior to discussion with the employee, it should be submitted to Human Resources for review and advice.
 - Due Date: Submit the completed review after discussions with the employee to Human Resources for processing and personnel file records. The completed summary must be submitted by the established deadline.
- Action: The completed performance summary must be discussed with the employee before submitting it to Human Resources. The discussion with the employee and the employee's signature is required to verify that the discussion took place with the employee. The discussion between the supervisor and employee should be interactive to the extent that a collaborative set of goals and objectives are established as part of the performance review summary. Employee signature verifies the performance review was discussed with the employee and does not signify that the employee agrees with the review. The employee may submit additional documentation to be included as part of the review record. The supervisor is not obligated to change any documentation or ratings/rankings based on this additional documentation.

Union Employee Reviews:

Supervisors that direct union employees still must perform annual reviews on the employee's performance, including a probationary review, if applicable. The non-supervisor form should be utilized for the review and all the other instructions should be followed regarding the ranking/ratings. The difference is that as a union employee the employee either meets the standard or not, pass/fail. If the employee fails a performance criterion it should be documented as outlined in the instructions and the employee is provided an opportunity to "cure" or improve the performance within a defined timeframe, i.e. Performance Improvement Plan (PIP). If after the timeframe has expired and the employee's performance still does not meet the standard, progressive discipline could be considered.

Performance Ratings:

The performance ratings for the employee appraisal system have five levels of job performance definitions. The terms “always” and “never” are used in specific definitions for a number of factors to describe the highest and lowest levels of job performance. Their use is not to be taken as so absolute that it is virtually impossible for either rating to be used. Rather the ratings where exceptions are rare, and the preponderance of the performance could support the consistent application of the defined terms.

Consistently Exceeds Expectations: Extraordinary performance, exemplary, flawless. Statistically employees that are rated in this category account for no more than 5% of the employee population of any organization. By using this performance category, the employee would be demonstrating the following performance characteristics. The employee does not have to demonstrate ALL the characteristics listed but should demonstrate a performance level that is embodied in the majority of the characteristics listed.

- Employee is recognized by all as a real expert in this job area.
- Employee demonstrates a knowledge that normally can be gained only through long periods of experience in this particular type of work.
- This employee could be considered to be a prime candidate for promotion when a higher-level position in this or related field becomes open.
- This employee's actions show an understanding of work well beyond the assigned area of responsibility. Outsiders seek the employee out because of knowledge demonstrated through performance of the many facets of the department's work.
- This employee readily shares their knowledge with others and demonstrates a desire to improve the organization through teamwork and collaborative actions.
- Employee shows unusual initiative and is a definite self-starter.
- Employee almost invariably takes the best approach to getting the job done.

Frequently Exceeds Expectations: Superior consistent performance, generally beyond job requirements. The use of this performance category implies the following:

- This employee exceeds position requirements even on some of the most difficult and complex tasks of the job. Employee takes the initiative in development and in implementation of challenging work goals. Normally, this individual would be considered for possible promotion and willingly seeks to accept additional responsibilities.
- Employee consistently performs more tasks than typically outlined in the job description and accomplishes tasks with little to no reworking necessary.
- Employee is able to take on extra projects and tasks without neglecting other assigned duties.
- Employee is able and willing to accept each assignment with equal enthusiasm and responsibility to see it through to completion.
- Employee actively embraces and encourages teamwork and collaboration and does not assume full credit for the accomplishments.

- Employee does own advanced planning, anticipates problems and takes appropriate action.
- Employee seeks direction when appropriate and is comfortable working independently and being reviewed based on the results.
- Employee shows a good grasp of the “big picture” from a strategic sense. Thinks beyond the details of the job and works towards the overall objectives of organization/department.

Meets Expectations: Employee works diligently actively demonstrating job competence and utilizing knowledge within the defined job duties. Steady work that is complete and without errors or necessary of minimal review.

- This employee is performing full, complete, and satisfactory work. Performance is what is expected of a fully qualified and experienced person in their assigned position.
- Performance does not require significant improvement, but if improvement were to occur it is a plus factor for the department’s effectiveness. If the improvement does not occur, there is no reason to complain or consider work substandard in any way.
- If all employees met these standards the departmental performance would be completely satisfactory and create a strong foundation for timely and accurate completion of job tasks.
- The work of this employee results in very few errors and infrequent complaints. When such errors do occur, the employee makes a conscience effort to actively participate in the development of corrective measures to minimize the future occurrence of the same error.
- This employee can demonstrate a sound balance between quality and quantity.
- This employee does not spend undue time on unimportant items, neglecting problems or projects that should have priority.
- Employee requires normal supervision and follow-up and usually completes regular work and projects on schedule.
- This employee is considered a good, solid member of the team and supervisor feels reasonably secure in directing any kind of assignment within the scope of the job description and have confidence it will be completed correctly.

Progressing in Expectations: Employee performance needs improvement in one or more job task.

- The employee’s performance meets only the minimum job requirements for the position and has more to learn and understand to meet expectations.
- Employee has had sufficient time that they should be fully competent and effective in their assigned position.
- Typically, this employee needs some pushing and follow through and performs the job under close supervision. Job performance is such that the supervisor does not have confidence that the work will be completed correctly on a consistent basis.

- The employee needs to acquire more know-how to be more effective in the performance of their job duties.
- Supervisor sometimes has to plan the employee's programs or assignments step-by-step. Once the directions are laid out the employee usually completes the task. Contrast this effort to other employees that understand the directions and can complete a task without the need to have step-by-step instructions.
- Co-workers have to perform additional work to make up for the deficiencies of this employee.

Needs Improvement: Employee performance is unacceptable and does not meet job requirements.

- Employee has been in the job long enough to have shown more comprehensive performance at this point.
- Employee is creating a morale problem with supervisor and co-workers by creating additional work for not carrying their workload and impacting the ability of others to complete their work.
- Employee does not display a drive that translates into a commitment to the job and the organization.
- It is more likely that the employee probably recognizes that the job tasks are not getting completed.
- When mistakes are made the employee repeats them and does not undertake the necessary corrective actions to avoid repeats.
- Work is falling behind and tasks are not completed correctly or timely.
- Others have commented on the employee's work performance as sub-standard.

Performance Improvement Plan (PIP):

Employee performance that has been identified as needs improvement or unacceptable must be addressed with the employee through appropriate documentation. Depending on the performance and nature of the deficiencies the supervisor may undertake a performance improvement plan (PIP). However, not every performance situation is eligible for a PIP. Detrimental performance that is considered serious in nature, including but not limited to, insubordination, repeated inaccurate statements and work product, disregard or disrespect of co-workers or residents, and refusal to accept corrective action, may not be worthy of a PIP. Some actions are of such a nature that the employee displays an attitude of unwillingness to change for the sake of improvement as a behavioral choice and not a skill deficit may not be worthy of a PIP.

A PIP requires a written performance outline of expected performance within a specific timeframe. A PIP also requires the employee and supervisor to meet periodically to document the progress towards reaching the expected level of performance. These meetings are summarized through written documentation. There may be multiple components to a PIP that may include more than one expected performance level for different tasks. A PIP must have written concurrence with the employee when created to

document the employee understands the requirements and is willing to correct the targeted behavior within the set timeframe.

PIP programs could be considered “last chance” agreements to improve performance before additional job action is considered up to and including termination. If an employee improves their performance to meet the standards set through the PIP, the PIP will include documentation that the performance improved within the timeframe and standards outlined. If the performance was improved through a PIP becomes unacceptable in the future the supervisor is expected to advise the employee of the performance deficit. However, the supervisor is not obligated to create another PIP for performance which was improved and then became unacceptable again. In instances such as these circumstances disciplinary action, up to and including termination recommendation might be warranted. The supervisor also has the flexibility to recommend discipline for performance that could be pending and awaiting to be imposed if the PIP is not completed as outlined initially.



City Council Agenda Memo**Crest Hill, IL**

Meeting Date:	June 17, 2024
Submitter:	Carron Johnson, Interim Director of Finance / Glen Conklin, Treasurer
Department:	Treasurer's Office
Agenda Item:	Approval of the List of Bills issued through June 18, 2024 in the amount of \$741,120.90

Summary: Attached is the List of Bills issued through June 18, 2024 in the amount of \$741,120.90.

Recommended Council Action: Approval of the List of Bills issued through June 18, 2024 in the amount of \$741,120.90.

Financial Impact:

Funding Source: Expenditures will be paid from the respective fund from which the expenditure originated.

Budgeted Amount:

Cost:

Attachments Approval of the List of Bills issued through June 18, 2024 in the amount of \$741,120.90

Report Criteria:

Detail report type printed

[Report].Check Issue Date = 06/01/2024,06/18/2024

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
82	Vestis	6030274112	UNIFORMS FOR FLEE	04/03/2024	46.55	46.55	22592	06/18/2024	424	01075300
		6030274112	UNIFORMS FOR STRE	04/03/2024	111.77	111.77	22592	06/18/2024	424	01035300
		6030274112	MATS FOR PUBLIC WO	04/03/2024	190.48	190.48	22592	06/18/2024	424	01045300
		6030274112	RESTROOM SERVICE	04/03/2024	64.50	64.50	22592	06/18/2024	424	01045300
		6030274112	UNIFORMS FOR BUILD	04/03/2024	35.97	35.97	22592	06/18/2024	424	01045300
		6030293280	MATS EAST PLANT	05/29/2024	74.71	74.71	22592	06/18/2024	524	01045300
		6030293280	UNIFORMS FOR EAST	05/29/2024	49.11	49.11	22592	06/18/2024	524	07085300
		6030293280	UNIFORMS FOR WATE	05/29/2024	31.70	31.70	22592	06/18/2024	524	07065300
		6030293281	UNIFORMS FOR FLEE	05/29/2024	44.39	44.39	22592	06/18/2024	524	01075300
		6030293281	UNIFORMS FOR STRE	05/29/2024	100.12	100.12	22592	06/18/2024	524	01035300
		6030293281	MATS FOR PUBLIC WO	05/29/2024	188.32	188.32	22592	06/18/2024	524	01045300
		6030293281	RESTROOM SERVICE	05/29/2024	64.50	64.50	22592	06/18/2024	524	01045300
		6030293281	UNIFORMS FOR BUILD	05/29/2024	33.81	33.81	22592	06/18/2024	524	01045300
		6030294257	UNIFORMS FOR WEST	05/31/2024	35.41	35.41	22592	06/18/2024	524	07085300
		6030296046	MATS EAST PLANT	06/05/2024	38.81	38.81	22592	06/18/2024	524	01045300
		6030296046	UNIFORMS FOR EAST	06/05/2024	32.46	32.46	22592	06/18/2024	524	07085300
		6030296046	UNIFORMS FOR WATE	06/05/2024	15.06	15.06	22592	06/18/2024	524	07065300
		6030296053	UNIFORMS FOR FLEE	06/05/2024	20.94	20.94	22592	06/18/2024	524	01075300
		6030296053	UNIFORMS FOR STRE	06/05/2024	91.47	91.47	22592	06/18/2024	524	01035300
		6030296053	MATS FOR PUBLIC WO	06/05/2024	39.41	39.41	22592	06/18/2024	524	01045300
		6030296053	RESTROOM SERVICE	06/05/2024	71.00	71.00	22592	06/18/2024	524	01045300
		6030296053	UNIFORMS FOR BUILD	06/05/2024	8.55	8.55	22592	06/18/2024	524	01045300
		6030296643	UNIFORMS FOR WEST	06/07/2024	35.41	35.41	22592	06/18/2024	524	07085300
Total 82:					1,424.45	1,424.45				
112	Accurate Em	AUR2246011	EMPLOYMENT SCREE	06/01/2024	221.32	221.32	22513	06/18/2024	524	01105300
Total 112:					221.32	221.32				
137	Battery Servi	0110618	FLEET- MOWER BATT	06/04/2024	211.88	211.88	22519	06/18/2024	524	01075400
Total 137:					211.88	211.88				
138	Bauer Built	200188269	FLEET- TIRE REPAIR #	05/03/2024	82.65	82.65	22520	06/18/2024	524	01075400
Total 138:					82.65	82.65				
171	Brent Hasser	May 2024	CONSULTING SERVIC	06/01/2024	2,500.00	2,500.00	22522	06/18/2024	524	01105300
Total 171:					2,500.00	2,500.00				
187	Christopher	192325	WEBER AT MCGILVRA	05/20/2024	3,533.75	3,533.75	22525	06/18/2024	524	01035330
		192553	DESIGN SERVICES-WI	06/04/2024	5,718.75	5,718.75	22525	06/18/2024	524	01035330
		192554	2024 ROADWAY REHA	06/04/2024	1,710.00	1,710.00	22525	06/18/2024	524	13005330
		192555	MFT-PATCHING FOR 2	06/04/2024	400.00	400.00	22525	06/18/2024	524	05005330
		192556	PARKROSE-PROFESSI	06/04/2024	23,380.00	23,380.00	22525	06/18/2024	524	12007620
		192557	PARKROSE DESIGN S	06/04/2024	1,111.60	1,111.60	22525	06/18/2024	524	12007602
Total 187:					35,854.10	35,854.10				
206	Camz Comm	24-192	FLEET- UNITS# 937,93	05/23/2024	2,760.00	2,760.00	22523	06/18/2024	524	01075300

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
Total 206:					2,760.00	2,760.00				
285	Cintas Fire P	0F94714502	SEMI-ANNUAL FM200	05/17/2024	520.18	520.18	22526	06/18/2024	524	01045300
		0F94715704	FIRE EXTINGUISHER I	05/10/2024	618.54	618.54	22526	06/18/2024	524	01045300
		0F94716973	QUARTERLY SPRINKL	05/20/2024	416.88	416.88	22526	06/18/2024	524	01045300
Total 285:					1,555.60	1,555.60				
320	ComEd 9282	May 2024	ELECTRIC - VALVE STA	05/29/2024	22.41	22.41	22532	06/18/2024	524	07065353
Total 320:					22.41	22.41				
323	ComEd 2717	May 2024	ELECTIC 1306-1/2 HAR	05/29/2024	26.15	26.15	22529	06/18/2024	524	07075353
Total 323:					26.15	26.15				
324	ComEd 5197	May 2024	ELECTRIC - 0 ROOT B	05/29/2024	26.15	26.15	22531	06/18/2024	524	07075353
Total 324:					26.15	26.15				
334	ComEd 3357	May 2024	STREET LIGHTS ON E	05/24/2024	279.15	279.15	22530	06/18/2024	524	01035351
Total 334:					279.15	279.15				
382	Creative Pro	156855A	DARE ITEMS	02/22/2024	92.00	92.00	22534	06/18/2024	524	01025402
		156885A	DARE T-SHIRTS	02/23/2024	96.85	96.85	22534	06/18/2024	524	01025402
Total 382:					188.85	188.85				
427	Dicks Towing	24952	FLEET- UNIT #200 TO	06/07/2024	350.00	350.00	22538	06/18/2024	524	01075300
Total 427:					350.00	350.00				
434	Ryan Dobczy	5-31-24	MEAL EXPENSE-DOBC	05/31/2024	15.00	15.00	22575	06/18/2024	524	01025343
Total 434:					15.00	15.00				
518	Experian	424244	MONTHLY INVOICE	06/02/2024	25.00	25.00	22540	06/18/2024	524	01025345
Total 518:					25.00	25.00				
591	Geotech Inc	52622	SURVEY SERVICES W	06/10/2024	1,440.00	1,440.00	22541	06/18/2024	524	01035330
Total 591:					1,440.00	1,440.00				
610	Grainger	9132290793	PAPER TOWELS	05/28/2024	62.47	62.47	22542	06/18/2024	524	01045400
Total 610:					62.47	62.47				
640	Hawkins Inc	6772888	EAST PLANT CHEMICA	06/03/2024	2,291.08	2,291.08	22543	06/18/2024	524	07085421
		6772895	EAST PLANT CHEMICA	06/03/2024	65.10	65.10	22543	06/18/2024	524	07085421
Total 640:					2,356.18	2,356.18				
644	Core & Main	U976973	SENSUS ANNUAL FEE	05/29/2024	35,498.00	35,498.00	22533	06/18/2024	524	07095470

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
Total 644:					35,498.00	35,498.00				
670	Hitchcock De	32862	PROFESSIONAL ENGI	05/31/2024	1,432.50	1,432.50	22544	06/18/2024	524	01035330
Total 670:					1,432.50	1,432.50				
727	Illinois Centra	9500263103	RENTAL LICENSE FOR	06/03/2024	270.73	270.73	22545	06/18/2024	524	07065300
		9500263107	RENTAL LICENSE FOR	06/03/2024	495.60	495.60	22545	06/18/2024	524	07085300
Total 727:					766.33	766.33				
750	Illinois Phleb	2007	PHLEBOTOMY SERVIC	06/03/2024	425.00	425.00	22546	06/18/2024	524	01025310
Total 750:					425.00	425.00				
820	Joliet Townsh	May & June	ANIMAL CONTROL SE	06/03/2024	2,500.00	2,500.00	22548	06/18/2024	524	01105300
Total 820:					2,500.00	2,500.00				
846	Kimball Midw	102265972	DRILL BITS	05/29/2024	130.55	130.55	22549	06/18/2024	524	07085365
		102265972	SAW BLADES	05/29/2024	119.20	119.20	22549	06/18/2024	524	07085365
		102265972	TERMINALS	05/29/2024	137.25	137.25	22549	06/18/2024	524	07085365
		102266536	WASHERS	05/29/2024	244.25	244.25	22549	06/18/2024	524	07085366
		102266536	SAW BLADES	05/29/2024	119.20	119.20	22549	06/18/2024	524	07085366
		102266536	SCREWS	05/29/2024	103.51	103.51	22549	06/18/2024	524	07085366
Total 846:					853.96	853.96				
956	McMaster Ca	27876798	SAW WHEEL	05/30/2024	64.83	64.83	22550	06/18/2024	524	01035400
Total 956:					64.83	64.83				
958	Meade, Inc.	708548	TRAFFIC SIGNAL MAIN	05/31/2024	208.20	208.20	22551	06/18/2024	524	01035300
		708548	TRAFFIC SIGNAL MAIN	05/31/2024	208.20	208.20	22551	06/18/2024	524	01035300
		708548	TRAFFIC SIGNAL MAIN	05/31/2024	208.20	208.20	22551	06/18/2024	524	01035300
Total 958:					624.60	624.60				
969	Metropolitan I	INV062615	WAFER BUTTERFLY V	05/31/2024	457.00	457.00	22552	06/18/2024	524	07065361
Total 969:					457.00	457.00				
991	MOE Fringe	July 2024	JULY 2024 MOE	05/29/2024	52,063.00	52,063.00	400	06/01/2024	524	07094200
Total 991:					52,063.00	52,063.00				
1017	DACRA Tech	MS 2024-05-	MOVE/ABC MAY 2024	05/31/2024	1,254.00	1,254.00	22535	06/18/2024	524	01025300
Total 1017:					1,254.00	1,254.00				
1059	Nicor 39-52-5	May 2024-1	WELL #10 NICOR GAS	06/06/2024	47.21	47.21	22560	06/18/2024	524	07065350
Total 1059:					47.21	47.21				
1060	Nicor 56-57-8	May 2024	WELL #9/12 NICOR	06/03/2024	141.28	141.28	22562	06/18/2024	524	07065350

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
Total 1060:					141.28	141.28				
1061	Nicor 43-23-2	May 2024	CITY HALL NICOR	05/31/2024	140.78	140.78	22561	06/18/2024	524	01105350
Total 1061:					140.78	140.78				
1062	Nicor 89-13-6	May 2024	WELL #11 NICOR GAS	06/03/2024	144.86	144.86	22563	06/18/2024	524	07065350
Total 1062:					144.86	144.86				
1063	Nicor 24-66-3	May 2024	LIFT STATION NICOR	06/03/2024	42.62	42.62	22559	06/18/2024	524	07075350
Total 1063:					42.62	42.62				
1065	Nicor 95-25-4	May 2024	WELL #1 NICOR	05/31/2024	146.88	146.88	22565	06/18/2024	524	07065350
Total 1065:					146.88	146.88				
1066	Nicor 08-01-5	May 2024	WELL #7 NICOR GAS	05/31/2024	151.99	151.99	22555	06/18/2024	524	07065350
Total 1066:					151.99	151.99				
1067	Nicor 89-80-1	May 2024	EAST PLANT NICOR	05/31/2024	261.48	261.48	22564	06/18/2024	524	07085350
Total 1067:					261.48	261.48				
1116	Altorfer Indus	P58C004429	TIP PIN RETAINER	05/21/2024	61.40	61.40	22516	06/18/2024	524	01075400
		P58C004429	GROOVED PIN	05/21/2024	33.20	33.20	22516	06/18/2024	524	01075400
Total 1116:					94.60	94.60				
1148	Physicians I	4398671 May	PREEMPLOYMENT SC	06/05/2024	225.00	225.00	22566	06/18/2024	524	01105300
Total 1148:					225.00	225.00				
1174	PreCise MR	IN200-10492	PRECISE GPS MONTH	05/30/2024	342.00	342.00	22567	06/18/2024	524	01065301
Total 1174:					342.00	342.00				
1195	Quill LLC	38790007	YELLOW TONER	05/22/2024	97.49	97.49	22569	06/18/2024	524	01165401
		38790007	MAGENTA TONER	05/22/2024	97.49	97.49	22569	06/18/2024	524	01165401
Total 1195:					194.98	194.98				
1207	Rapid Lands	26400	VEGETATION CUTTIN	06/02/2024	1,620.00	1,620.00	22570	06/18/2024	524	01165300
		26401	VEGETATION CUTTIN	06/02/2024	160.00	160.00	22570	06/18/2024	524	01165300
		26410	VEGETATION CUTTIN	06/06/2024	80.00	80.00	22570	06/18/2024	524	01165300
		26411	VEGETATION CUTTIN	06/06/2024	80.00	80.00	22570	06/18/2024	524	01165300
		26412	VEGETATION CUTTIN	06/06/2024	80.00	80.00	22570	06/18/2024	524	01165300
		26413	VEGETATION CUTTIN	06/06/2024	80.00	80.00	22570	06/18/2024	524	01165300
		26414	VEGETATION CUTTIN	06/06/2024	80.00	80.00	22570	06/18/2024	524	01165300
Total 1207:					2,180.00	2,180.00				
1237	Robinson En	24020370	WASTEWATER PRETR	02/22/2024	609.00	609.00	22573	06/18/2024	424	07075330
		24050118	1906 PLAINFIELD RD-F	05/14/2024	2,785.75	2,785.75	22573	06/18/2024	424	01035330

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
		24050214	INTERMIM PLANNER-C	05/14/2024	1,743.00	1,743.00	22573	06/18/2024	424	01165300
		24050215	INTERMIM PLANNER-C	05/14/2024	8,316.50	8,316.50	22573	06/18/2024	424	01165300
		24050516	WASTEWATER PRETR	05/31/2024	254.75	254.75	22573	06/18/2024	424	07075330
		24050520	CE PLAINFIELD RD W	05/31/2024	199.00	199.00	22573	06/18/2024	424	12007602
		24050521	GIS SERVICES-2024	05/31/2024	3,821.00	3,821.00	22573	06/18/2024	424	07065301
		24050522	ARPA SERVICES	05/31/2024	746.25	746.25	22573	06/18/2024	424	01035330
		24050539	WASTEWATER PRETR	05/31/2024	11,210.75	11,210.75	22573	06/18/2024	424	07075330
Total 1237:					29,686.00	29,686.00				
1243	Ray OHerron	2345041	UNIFORM EQUIPMENT	05/23/2024	202.84	202.84	22571	06/18/2024	524	01025344
Total 1243:					202.84	202.84				
1258	Safe Step LL	4268	SAFE STEP-SIDEWALK	06/03/2024	38,498.45	38,498.45	22576	06/18/2024	524	05005330
Total 1258:					38,498.45	38,498.45				
1289	Service Indus	139765	BUSHINGS	05/30/2024	45.03	45.03	22577	06/18/2024	524	07085366
Total 1289:					45.03	45.03				
1295	Shaw Media	0524100852	SHAW MEDIA	05/31/2024	1,401.71	1,401.71	22578	06/18/2024	524	01105321
Total 1295:					1,401.71	1,401.71				
1302	Shorewood H	01-409642	FLEET- SNOWBLOWE	04/16/2024	10.40	10.40	22580	06/18/2024	424	01075400
		01-420341	TRAINING- CHAINSAW	06/03/2024	351.98	351.98	22580	06/18/2024	524	01035402
		01-420761	FLEET- MOWER BELTS	06/05/2024	337.10	337.10	22580	06/18/2024	524	01075400
Total 1302:					699.48	699.48				
1326	Ray Soliman	June 2024	MONTHLY GAS MILEA	05/30/2024	50.00	50.00	22572	06/18/2024	524	01015342
Total 1326:					50.00	50.00				
1336	Spesia & Tayl	822196	GENERAL CORPORAT	12/26/2023	27,670.00	27,670.00	22581	06/18/2024	424	01105302
		822197	TRAFFIC/ORDINANCE	12/26/2023	279.50	279.50	22581	06/18/2024	424	01105302
		822198	IDNR WATER ALLOCAT	12/26/2023	833.00	833.00	22581	06/18/2024	424	01105302
		822774	GENERAL CORPORAT	05/23/2024	19,242.50	19,242.50	22581	06/18/2024	424	01105302
		822775	TRAFFIC/ORDINANCE	05/23/2024	537.50	537.50	22581	06/18/2024	424	01105302
		822776	GPWC/LAKE MICHIGA	05/23/2024	5,869.50	5,869.50	22581	06/18/2024	424	01105302
Total 1336:					54,432.00	54,432.00				
1366	Stewart Spre	3801	TRANSFER OF LIQUID	05/31/2024	77,112.00	77,112.00	22583	06/18/2024	524	07085373
Total 1366:					77,112.00	77,112.00				
1377	Standard Tru	1028415	FLEET- MOWER TRIM	06/07/2024	30.78	30.78	22582	06/18/2024	524	01075400
Total 1377:					30.78	30.78				
1379	Suburban La	225387	DRINKING WATER LAB	05/31/2024	1,584.58	1,584.58	22584	06/18/2024	524	07065306
		225567	WEST AND EAST NP	05/31/2024	1,929.47	1,929.47	22584	06/18/2024	524	07085306

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
Total 1379:					3,514.05	3,514.05				
1392	SWAHM	June 2024	SWAHM 06-2024	05/29/2024	85,499.27	85,499.27	401	06/01/2024	524	01002438
Total 1392:					85,499.27	85,499.27				
1413	The Blue Lin	46543	POLICE OFFICER REC	06/06/2024	298.00	298.00	22585	06/18/2024	524	01025310
Total 1413:					298.00	298.00				
1423	Thornton Equ	20157	CLEARED BLOCKAGE	06/04/2024	11,500.00	11,500.00	22586	06/18/2024	524	12007800
Total 1423:					11,500.00	11,500.00				
1432	Ron Tirapelli	649719	FLEET- HVAC ACTUAT	05/21/2024	63.50	63.50	22574	06/18/2024	524	01075400
		649737	FLEET- BLEND DOOR	05/21/2024	36.50	36.50	22574	06/18/2024	524	01075400
		649737	FLEET-BLEND DOOR	05/21/2024	25.50	25.50	22574	06/18/2024	524	01075400
		650246	FLEET- UNIT #903 GAS	06/06/2024	42.03	42.03	22574	06/18/2024	524	01075400
Total 1432:					167.53	167.53				
1502	Underground	066863	VALVE AND SUPPLIES	05/28/2024	2,553.00	2,553.00	22587	06/18/2024	524	07065470
		066943	VALVE BOX	05/30/2024	420.00	420.00	22587	06/18/2024	524	07065430
Total 1502:					2,973.00	2,973.00				
1521	USABlueBoo	INV0036673	GLASS GRADUATED C	05/15/2024	79.80	79.80	22588	06/18/2024	524	07085366
		INV0036673	AMPULES	05/15/2024	248.00	248.00	22588	06/18/2024	524	07085366
		INV0036673	DEIONIZED WATER SA	05/15/2024	23.05	23.05	22588	06/18/2024	524	07085366
		INV0036673	DEIONIZED WATER SA	05/15/2024	23.05	23.05	22588	06/18/2024	524	07065420
		INV0036673	RESPIRATOR CARTRI	05/15/2024	64.30	64.30	22588	06/18/2024	524	07085402
		INV0036673	RESPIRATOR MASL	05/15/2024	31.25	31.25	22588	06/18/2024	524	07085402
		INV0036673	FREIGHT	05/15/2024	14.93	14.93	22588	06/18/2024	524	07085366
		INV0037351	CHEMICALS	05/22/2024	1,463.58	1,463.58	22588	06/18/2024	524	07065421
		INV0037549	FLUORIDE	05/24/2024	28.30	28.30	22588	06/18/2024	524	07065421
		INV0038076	FLUORIDE	05/31/2024	28.30	28.30	22588	06/18/2024	524	07065421
Total 1521:					2,004.56	2,004.56				
1548	Verizon Wirel	242 9964872	MONTHLY STATEMENT	05/23/2024	1,274.98	1,274.98	22590	06/18/2024	524	01105350
Total 1548:					1,274.98	1,274.98				
1549	Verizon Wirel	680 996556	VERIZON WIRELESS S	06/01/2024	2,130.81	2,130.81	22591	06/18/2024	524	07065350
Total 1549:					2,130.81	2,130.81				
1589	Wescom	20240706	WESCOM DISPATCH S	06/01/2024	23,343.58	23,343.58	22593	06/18/2024	524	01025307
Total 1589:					23,343.58	23,343.58				
1605	Will County R	May 2024	MUNICIPAL LIENS/REL	06/03/2024	364.00	364.00	22594	06/18/2024	524	01115325
Total 1605:					364.00	364.00				
1694	Nicor 13-03-7	May 2024	PW NICOR	05/31/2024	175.57	175.57	22556	06/18/2024	524	01035351

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
Total 1694:					175.57	175.57				
1695	B&H Technic	6-200	LEVER TURN FOR PLO	06/05/2024	37.30	37.30	22518	06/18/2024	524	01167501
Total 1695:					37.30	37.30				
1749	AEP Energy	4/26-5/28/20	STREET LIGHTS - 1 TH	05/29/2024	15,042.36	15,042.36	22514	06/18/2024	524	01035351
Total 1749:					15,042.36	15,042.36				
1798	Blue Collar S	060324	MATT BROWN - CLOT	06/03/2024	94.48	94.48	22521	06/18/2024	524	07084107
Total 1798:					94.48	94.48				
1867	Jim's Truck In	203312	FLEET- UNIT #101 SAF	05/01/2024	43.00	43.00	22547	06/18/2024	524	01075300
Total 1867:					43.00	43.00				
1879	Nicor 24-47-6	May 2024-1	NICOR MONTHLY STAT	06/06/2024	174.30	174.30	22558	06/18/2024	524	01105350
Total 1879:					174.30	174.30				
1880	Nicor 17-28-8	May 2024-1	POLICE DEPARTMENT	06/06/2024	202.78	202.78	22557	06/18/2024	524	01105350
Total 1880:					202.78	202.78				
1902	Dell Marketin	1075195277	COMPUTERS FOR WA	06/01/2024	4,739.56	4,739.56	22537	06/18/2024	524	07065301
Total 1902:					4,739.56	4,739.56				
1909	SHI Internati	B18345284	ACROBAT PRO SUBSC	05/20/2024	2,950.00	2,950.00	22579	06/18/2024	524	01065301
Total 1909:					2,950.00	2,950.00				
1924	V3 Companie	424674	CIRCLE-GREEN-OAKL	05/09/2024	3,693.90	3,693.90	22589	06/18/2024	524	12007602
Total 1924:					3,693.90	3,693.90				
1948	Motorola Sol	1187121925	BODY WORN CAMERA	05/07/2024	136,003.39	136,003.39	22554	06/18/2024	524	01025400
		8281886739	BODY WORN CAMERA	05/07/2024	2,569.00	2,569.00	22554	06/18/2024	524	01025400
Total 1948:					138,572.39	138,572.39				
1950	Pure Water P	1742929	WATER FOR WEST PL	05/29/2024	47.50	47.50	22568	06/18/2024	524	07085343
		1742929	WATER FOR PW	05/29/2024	65.00	65.00	22568	06/18/2024	524	01035343
		1749916	PAPER STATEMENT F	06/07/2024	3.00	3.00	22568	06/18/2024	524	01035343
		1749917	ELROSE WATER	06/07/2024	65.00	65.00	22568	06/18/2024	524	01045343
		1749918	PAPER STATEMENT F	06/07/2024	3.00	3.00	22568	06/18/2024	524	07085343
		1749919	WEST PLANT WATER	06/07/2024	65.00	65.00	22568	06/18/2024	524	07085343
		Total 1950:			248.50	248.50				
1953	Amazon Capi	14KL-1FN9-	OFFICE SUPPLIE	06/07/2024	46.83	46.83	22517	06/18/2024	524	01025401
		14KL-1FN9-	OFFICE SUPPLIES	06/09/2024	107.59	107.59	22517	06/18/2024	524	01025401
		16K9-91LV-	OFFICE SUPPLIE	06/03/2024	91.28	91.28	22517	06/18/2024	524	01025401
		196T-T34C-	OFFICE SUPPLIES	06/09/2024	38.86	38.86	22517	06/18/2024	524	01035401

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
		196T-T34C-	TOUCH A TRUCK SUP	06/09/2024	15.90	15.90	22517	06/18/2024	524	01108001
		1FFR-K4KM	OFFICE SUPPLIES	05/30/2024	72.86	72.86	22517	06/18/2024	524	01025401
		1K4C-JP9T-	TIMECARDS	06/10/2024	11.04	11.04	22517	06/18/2024	524	01035401
		1K4C-JP9T-	COFFEE	06/10/2024	84.00	84.00	22517	06/18/2024	524	01035345
		1K4C-JP9T-	COFFEE	06/10/2024	6.98	6.98	22517	06/18/2024	524	01035345
		1PQR-YY3K	OFFICE SUPPLIE	05/31/2024	39.84	39.84	22517	06/18/2024	524	01025401
		1XLV-RNJJ-	OFFICE SUPPLIE	06/04/2024	4.87	4.87	22517	06/18/2024	524	01025401
		1Y7L-4LJG-	SAW BLADES	05/31/2024	152.39	152.39	22517	06/18/2024	524	01035400
		1YC7-PPYD	SOAP FOR HAND DISP	05/31/2024	280.60	280.60	22517	06/18/2024	524	01105400
		17PY-R19X-J	BATTERIES	05/29/2024	69.36	69.36	22517	06/18/2024	524	01105400
		1DGD-3YFG-	LANYARD-REAVIS FOR	05/07/2024	9.95	9.95	22517	06/18/2024	424	01025400
		1DKD-3NH9-	CLOTHING ALLOWAN	06/11/2024	188.33	188.33	22517	06/18/2024	524	01034107
		1KFN-MPRY-	FLEET- REPLACEMEN	05/20/2024	60.50	60.50	22517	06/18/2024	524	01075400
		1KQY-FVXQ-	GOGGLES	06/06/2024	42.47	42.47	22517	06/18/2024	524	07065420
		1LM1-3XVP-	BLUE-RAY DRIVE	05/28/2024	124.88	124.88	22517	06/18/2024	524	01025400
		1MDP-NYF7-	COFFEE FILTERS AND	05/28/2024	46.02	46.02	22517	06/18/2024	524	01025400
		1q46-v1vq-4	COMPUTER SPEAKER	05/24/2024	19.00	19.00	22517	06/18/2024	524	01025400
		CM#176D-F	OFFICE SUPPLIE	06/05/2024	7.88-	7.88-	22517	06/18/2024	524	01025401
Total 1953:					1,505.67	1,505.67				
1977	AIS Inc	87498	DATA SERVICES	05/09/2024	11,000.00	11,000.00	22515	06/18/2024	524	01065301
		87790	FLEET- MECHANIC CO	05/28/2024	117.00	117.00	22515	06/18/2024	524	01075400
		87830	COMPUTER FOR BUIL	05/31/2024	755.00	755.00	22515	06/18/2024	524	01065301
		87833	TIME & MATERIALS HA	06/03/2024	248.09	248.09	22515	06/18/2024	524	01065301
		87874	DATA SERVICES	06/06/2024	13,000.00	13,000.00	22515	06/18/2024	524	01065301
		87875	DATA SERVICES	06/06/2024	2,020.00	2,020.00	22515	06/18/2024	524	01065301
		88047	TIM & MATERIALS HAR	06/07/2024	1,502.33	1,502.33	22515	06/18/2024	524	01065301
Total 1977:					28,642.42	28,642.42				
2024	Comcast Bus	202382964	COMCAST MONTHLY	05/15/2024	7,889.02	7,889.02	22527	06/18/2024	524	01065301
Total 2024:					7,889.02	7,889.02				
2043	Donald E. Mo	May 2024	DONALD E MORRIS R	05/31/2024	325.00	325.00	22539	06/18/2024	524	01165300
Total 2043:					325.00	325.00				
2071	ComEd 0904	May 2024	CITY CENTER STREET	05/24/2024	126.59	126.59	22528	06/18/2024	524	01035351
Total 2071:					126.59	126.59				
2073	David Strahl	17	TEMP HR	05/31/2024	3,038.00	3,038.00	22536	06/18/2024	524	01015300
		18	TEMP HR	06/10/2024	3,503.50	3,503.50	22536	06/18/2024	524	01015300
Total 2073:					6,541.50	6,541.50				
2074	MGT of Amer	MGT35614	TEMPORARY EMPLOY	05/31/2024	21,280.00	21,280.00	22553	06/18/2024	524	01105300
		MGT35615	TEMPORARY EMPLOY	05/31/2024	8,406.40	8,406.40	22553	06/18/2024	524	01105300
		MGT35616	TEMPORARY EMPLOY	05/31/2024	14,112.00	14,112.00	22553	06/18/2024	524	01165300
Total 2074:					43,798.40	43,798.40				
2080	2024 Utility R	2024-Christin	CUSTOMER REFUND	06/06/2024	966.43	966.43	22524	06/18/2024	524	91001005
		2024-Christin	CUSTOMER REFUND	06/06/2024	219.40	219.40	22524	06/18/2024	524	91001005

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Amount	Check Number	Check Issue Date	GL Period	GL Account
Total 2080:					1,185.83	1,185.83				
2094	William McCl	2	CITY COUNCIL MEETI	05/29/2024	150.00	150.00	22595	06/18/2024	524	01105300
		2	CITY COUNCIL MEETI	05/29/2024	150.00	150.00	22595	06/18/2024	524	01105300
		2	PLAN COMMISSION M	05/29/2024	100.00	100.00	22595	06/18/2024	524	01105300
		2	CITY COUNCIL MEETI	05/29/2024	50.00	50.00	22595	06/18/2024	524	01105300
Total 2094:					450.00	450.00				
Grand Totals:					741,120.90	741,120.90				

Report Criteria:
Detail report type printed
[Report].Check Issue Date = 06/01/2024,06/18/2024