

## CITY COUNCIL MEETING REGULAR SESSION

Tuesday, January 16, 2024 at 6:00 PM

City Hall, 102 W. Ashley Wilson Rd, Sweeny, Texas

### MINUTES

BE IT KNOWN that the City Council of the City of Sweeny will met in **Regular Session** on **Tuesday, January 16, 2024 at 6:00 PM.** at City Hall, 102 W. Ashley Wilson Rd, Sweeny, Texas with the following agenda. **Meeting was additional held via zoom due to inclement weather.**

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#### CALL TO ORDER/ROLL CALL

Mayor Hopkins called the meeting to order at 6:00 PM.

Mark Morgan Jr., Reese Cook, Brian Brooks, John Rambo, and Tim Pettigrew were in attendance.

#### PLEDGES & INVOCATION; Rev. Joshua Bynum

Pledges were led by Tim Pettigrew and the Invocation was given by Rev. Josh Bynum.

#### CITIZENS WISHING TO ADDRESS CITY COUNCIL

Leigh Ann Thornton, 702 Avenue B, approached Council and stated that an indoor animal shelter is needed and a top priority. She was concerned with the allotted budget and current conditions for the animals. She is planning a fundraiser for February 10, 2024 and asking for funding in order to provide for an animal shelter. She has been working with the City Manager for cost affordable options.

#### CONSENT AGENDA

1. Minutes: Regular Session, December 13, 2023

John Rambo made the motion to approve the minutes of the Regular Session, December 13, 2023. Tim Pettigrew seconded. All in favor. Motion carried.

2. Proclamation: African-American History Month; February 2024

Mayor stated the proclamation is to be signed and will be posted at City Hall.

3. Plaque of Appreciation; American Legion Post 835 and American Legion Post 241

The American Legion Post 835 and 241 brought a plaque of appreciation to City Hall in order for presentation to the City Council. The plaque is in appreciation of the City of Sweeny hosting the Veterans Day parade in 2022.

4. Fiscal Year 2023 – 2024 Q1 Leadership Reports – Office of the City Manager, Public Works, City Secretary, Sweeny Fire & Rescue, SEDC

City Manager stated that her quarterly update and the Public Works Department update are combined. She gave an overview of the potential water projects, to be discussed later in the agenda that are to help with the manganese and change out of steel water lines. The GLO project is in progress and will be bid out soon. This will require a three percent match, in which will be paid from the CO19; approximately \$150,000.00. The City has signed a gas utilities agreement with Altimira for compliance. Finance updates: we have an RFP out for an ERP Enterprise Resource Planning system in which will be approximately \$30,000.00, all inclusive. We have gained \$38,000.00 in interest off of the TxDot loan in the first quarter.

Matt with Inframark stated the new pump will be here Thursday for the WWTP. The other is working great and the next focus is to remove solids. The water plant preparations were good and helped during the recent freeze. They are keeping up with flushing as normal.

Kaydi Smith gave the quarterly update for the departments of the City Secretary, Development Services, and Municipal Court. Roger Barton, Fire Chief, gave the Fire Department update. The Fire Department

received 100 more call this past year than years before. They have completed many public relations this quarter.

Michelle Medina, Executive Director of SEDC, via zoom, gave an update on the Industrial Park utilities and roadway. She gave information on businesses she has met with during the past quarter and a quick overview of her report submitted.

#### 5. Police Department Quarterly Reports and Vehicle Update

Chief Caudle gave the Police Department quarterly report to include public relations and praised the Fire Department's partnership. The Mayor stated he rode with Officer Ferrell on New Year's Eve and it was eye opening. The majority of the stops completed were for out of town individuals. He is glad we have two officers on duty and it was a very eye opening experience. Kuddos to the officers for the opportunity and open invitation for the ride along. Chief Caudle updated Council on the nine vehicles in his fleet. Each officer has a vehicle at this time. Two vehicles are currently in the shop, all others are in fair shape. He is hoping to get an additional K9 unit from Lake Jackson Police Department. Safety is a large concern with K9 units. There is not room in the rear of the vehicle for transporting; therefore, prisoners must ride in the front of the vehicle with the officer. This vehicle, if received, would be very beneficial.

#### 6. Discussion and possible action on Fiscal Year 2023 - 2024 Quarterly Investment Report, First Quarter.

The quarterly investment report was given by the City Manager to include investments given and total interest gained for accounts in the amount of \$85,865 in the first quarter, of which \$78,000 is the city's portion, as we have components within such as EDC. She feels the 2024 interest rates will be decreasing; showing a decline in what we earn especially in the high interest pools. We did make \$38,000 off of the \$2.5 million TxDot loan and will be able to make that payment back in March. In our regular bank accounts, interest has tripled in the last quarter.

Mark Morgan Jr. moved to accept the financial investment report for the FY24 Q1. Tim Pettigrew seconded. All were in favor. Motion carried.

### **REGULAR AGENDA**

#### 7. Introduction of Reverend Joshua Bynum as Sweeny Police Department Chaplain

Chief Caudle stated that Rev Bynum has visited the Police Department on many occasions and has been very open to providing chaplain services to the Police Department as needed. Rev. Bynum and Chief Caudle have discussed and established a Chaplaincy Program to make ministerial counsel available. Rev. Bynum will work in conjunction with the crime victim liaison and offer spiritual counsel and psychological first aid to the members of the department and citizens of the community. He has additionally offered his services city wide, to include all departments. Tim Pettigrew praised Mr. Bynum and the services he offers.

Motion by Tim Pettigrew to accept Rev. Josh Bynum as the Sweeny Police Department chaplain. Seconded by Mark Morgan Jr. All in favor. Motion carried.

#### 8. Discussion and possible action to agenda request allowing an additional non-emergency EMS provider to transport within City limits; Enterprise Ambulance 2.0, Shellie Long

Shellie Long of Enterprise Ambulance 2.0, a transport EMS service, was in attendance via Zoom. She is requesting approval to allow Enterprise Ambulance 2.0 to transport within the city limits. In order to do so, the statute requires a signed letter from the Mayor. They are a private non-emergent transport company. Reese Cook stated he believes that the City has completed this previously. Roger Barton, Fire Chief, feels this is beneficial as entities do get strapped for transports. City Manager stated we cannot exclude and feels the information in our ordinances is outdated.

Reese Cook moved to approve Enterprise Ambulance 2.0 allowance to operate in Sweeny and for Mayor Hopkins to sign required letter for licensing. Seconded by Mark Morgan Jr. All in favor. Motion carried.

9. Discussion and possible action to variance request to allow alcohol at the Mardi Gras event hosted by Beautification on February 10th, 2024.

City Manager stated the Mardi Gas Parade and event is set for February 10, 2024. Beautification is requesting a variance to allow alcohol at the event, in which is held on city property. City Manager stated staff recommends approvals.

Mark Morgan Jr. made the motion to approve the variance requested to allow alcohol at the Mardi Gras event hosted by Beautification on February 10, 2024 for property adjacent to City Hall and Backyard Park, with security provided by the Sweeny Police Department. Tim Pettigrew seconded. Mark Morgan Jr., Reese Cook, and Tim Pettigrew approved. John Rambo and Brian Brooks abstained. Motion carried.

10. Discussion and possible action on allowance of the Beautification Committee to obtain a TABC temporary permit for the sale of alcoholic beverages at Mardi Gras festivities; February 10, 2024

City Manager stated this is a new idea from Beautification to sell alcohol to raise money. Chapter 33 of the Administrative Code allows civic organizations to apply for temporary event permits by TABC for selling of alcohol. The application requires a letter signed by the property owner. Mardi Gras is held on City property.

Mark Morgan Jr. made the motion to allow the Beautification Committee to sell alcoholic beverages during the Mardi Gras Festivities at the Backyard Park and adjacent property, on February 10, 2024 pending the receipt of the approved and issued TABC non-profit entity temporary permit. Seconded by Tim Pettigrew.

Reese Cook asked for other details to include financials. He feels additional information from Beautification is needed. This is a new concept stated the City Manager, if allowed, this would be the first time. John Rambo stated that the person selling the alcohol must be TABC certified. A beautification member is in the process of getting recertified. Chief Caudle added that law enforcement helps to determine if someone has had too much. City Manager stated she is open to working with Beautification to formalize the process to address the concerns. The timeframe was discussed as to if more information was received as to bring back to the next agenda.

Mark Morgan Jr. approved. John Rambo and Tim Pettigrew abstained. Reese Cook and Brian Brooks opposed. Motion Failed.

11. Discussion and possible action to the replat of 16.93 acres at the Industrial Park

Michelle Medina, Executive Director of the Sweeny Economic Development Corporation, presented the replat of 16.93 total acres at the Industrial Park for Stark Inc. Lot 3, comprised of two acres will house the storefront. Lot 3A of the remaining 14.93 acres, will consist of a laydown yard for materials, landscaping, and machinery. Reese Cook stated the performance agreement was approved as a single lot at 16.93 acres and now it is being requested as two separate properties. Mayor Hopkins expressed his concern for landlocking the property behind the 14.93 acres. Discussion regarding a proposed easement to Glenn Salyers property at the rear of the 14.93 acres ensued. Medina stated that Salyer could approach EDC to discuss his property. Council included Mr. Stark on a proposed easement. Mayor feels the proposed plat would bring legal action towards the City and EDC. Discussion of a proposed 35 ft. EDC easement, from the end of the roadway (hammerhead) to the edge of the property, continued. Questions regarding maintenance of an easement were addressed. Replat would need to be re-drawn to show said easement if agreed upon by EDC. Reese Cook stated we, the City, need to address what was discussed tonight with EDC and the City Manager agreed. No action taken.

12. Discussion and possible action on City Engineer presentation of the replacement of Main St. waterline originally in the 2019 Certificates of Obligation project and a new proposed city-wide waterline replacement project.

William Huebner of Strand, City Engineer, approached Council He recently discussed a Capital Improvement Plan with the City of Sweeny at a prior Council meeting. He is here to present a Main Street waterline replacement project and propose a city wide steel waterline replacement project. Main

Street was pulled off the previous project due to contractor issues, in which would have been part of the last phase of the CO19. The cost opinion provided is to rebid and use the already completed drawings. All work is within the TxDot ROW and has increased in costs. This would be to replace six thousand feet of water lines, for a total project cost of \$1.5 million. Reese Cook stated he is not sure that Main Street is the portion that needs to be addressed. He feels the Avenues, Maple Street, and Walnut Street need to be addressed first. This is separate from the proposed City Wide project, as this has already been drawn and completed. We would be able to bid out and complete at a faster rate. The Main Street waterline replacement project would encompass waterlines from Ashley Wilson Road near City Hall to the Railroad tracks on FM 524. The City has approximately \$1.396 million left from the CO's, of which \$150,000.00 is needed to meet the GLO required 3% match. \$1.25 million would still be available for water replacement projects. The TxDot permit was originally issued and Huebner hopes to be able to have that renewed in which would be thru the Houston TxDot office.

City Manager stated Council will be given a full scale CIP in the upcoming future. Huebner has completed a 6-phase city wide project scope with cost opinions, for a total of approximately \$15.5 million. The GLO sewer project is including some waterline replacements, as TCEQ distance requirements were not met, requiring the current water lines to be moved. For this, we will be utilizing GLO funds. Cost opinion provided for all six areas do include construction and engineering costs. Completing this would include additional fire protection, additional valves, and hydrants. Approximately 17 miles of piping has been estimated.

City Manager stated Council previously discussed adding a large scale water project to the May 2025 ballot. The City could not issue a certificate of obligation (CO) for a water project for three years following, if the ballot fails. If we looked at a 15 million, 30 year note, at a 4.5% interest rate, it would increase tax rates at \$0.45 cents per \$100 value. That would be a large increase. It would make since to complete in phases and be strategic on locations selected. Mayor stated we have not made one major change since June on the water. The most positive has been the water line replacements for \$50,000. He wants to see a positive approach on forward movements for the water with a timeline. Brian Brooks stated that years ago the plan was made to complete the trunk/major line replacements. We had a plan and we need to stick to it.

Brian Brooks made the motion that Council approve: 1) finishing the original scope of the 2019 waterline replacement project that includes the Main Street water trunk line and rebidding this portion of the original 2019 project as a standalone project, and 2) to approve the preliminary scope of a city wide waterline replacement project and instruct staff to move forward in developing a Capital Improvement Project with the City Engineer for the inclusion of a city wide steel waterline replacement project for a General Obligation bond in the May 2025 election. Seconded by Tim Pettigrew.

Discussion: Reese Cook agreed that we need to do something but not sure this is right thing to do. Approved by Mark Morgan Jr., Brian Brooks, John Rambo, and Tim Pettigrew. Reese Cook opposed. Motion Carried.

### 13. Discussion and possible action to possible water project with Water of Texas; Michael Claybourn

Michael Claybourn of Water of Texas and Nathan Clark of Brita Pro, approached Council on the water project to help with the manganese issues within the City. Joe Kudis attended via zoom. Mr. Clark went thru a presentation submitted to the City to include the water analysis report. Proposed solution is a Brita Pro Commercial Katalox Light Filter. This presentation is subject to a field inspection that is to be completed tomorrow, 01/17/24 onsite. John Rambo asked about recharging the media and discharging the contaminates. Media would need to be replaced and calculated according to the chemistry of the water. Life span of media is indefinite, but a general rule of replacement is every three to five years. Media costs can run \$300.00 per cubic foot and fluctuates, this would be \$50,000-\$60,000 every three to five years. Original proposal from Water of Texas is still the same, \$100,000.00. This would still need TCEQ approvals, as this is upgraded materials. City Manager stated that we do have \$522,414.00 in Enterprise fund savings that can be used. Finalized turnkey bid with drawings are to come tomorrow

after field inspections. Mayor asked to add this to the January 30<sup>th</sup> meeting, along with a contract to get started with final numbers. Inframark asked is there will be a bypass installed? Yes per Claybourn. No action taken.

***John Rambo left the meeting at 7:48 p.m.***

14. Discuss and possible action to Drainage District Updates; John Richers  
Mr. Richers, Drainage District, stated he wanted to address complaints on Ashley Wilson Road, from FM 524 to the Railroad tracks. He discussed water flows and issues at hand. The railroad trestle near CR 331, near the Hilcorp property, is set to be replaced and enlarged by Union Pacific, in which will help. Majority of culverts from Ashley Wilson Road to the Railroad are either undersized or half full of debris. Drainage District completed engineering and found they cannot dig deeper due to pipelines in the area. High spots will need to be taken out and culverts changed out to appropriate sizes. Interlocal agreements would need to be put in place to complete the work. The concrete breaking and replacement is an issue as to who is going to be responsible. He is leaving plans with the City Manager on the Ashley Wilson Road drainage portion. Drainage District will be working with Hilcorp to get into the property near S. Orange/FM 1459 to work on drainage as well. Drainage District is correlating a project near Old Ocean and McKinney for culvert replacement thru an interlocal with Brazoria County. City Manager stated the City will be ordering materials once a date is given from the County, as it was just approved by Commissioners Court.  
Motion: NO ACTION

**Mayor Hopkins stated Council will take a five (5) minute recess at 8:08 PM. Mayor Hopkins reconvened at 8:17 PM.**

15. Discussion and possible action on a request to open a bank account with First State Bank Louise in Sweeny, Texas for the newly formed Crime Control and Prevention District and approve account signatories.

City Manager stated that a separate fund is needed for the CCPD and will be audited as a component of the city. Approved minutes are needed to open the account and for signatories.

Brian Brooks made the motion to approve staff to open a bank account with First State Bank Louise in Sweeny, Texas for the purpose of maintaining Crime Control and Prevention District funds and approve Police Chief Brad Caudle, Finance Director Karla Wilson, and CCPD President, Vicki Kraemer to be signatories on said account. Seconded by Tim Pettigrew.

Discussion: Mark Morgan Jr. asked why First State Bank? City Manager stated that is the bank Council agreed to contract with.

Mark Morgan Jr., Reese Cook, Brian Brooks, and Tim Pettigrew approved. Motion carried.

16. Discussion/ Possible Action to appoint applicant to the Planning and Zoning Board of Commissioners

City Secretary stated that the Board of Commissioners is a seven member board, which currently only has three members. We have received an application from Jenny Massey and we are desperately in need of applicants.

Reese Cook moved to approve Jenny Massey to the Planning and Zoning Board of Commissioners. Seconded by Mark Morgan Jr., Reese Cook, Brian Brooks, and Tim Pettigrew approved. Motion carried.

17. Discussion and possible action to approve an ordinance calling the May 04, 2024 General Election for the Municipal Judge & Council Positions 1,3, & 5, all terms of two years

Tim Pettigrew made the motion to approve the ordinance 24-100, calling the May 4<sup>th</sup>, 2024 General Election, for the position of Municipal Judge and Council Positions 1, 3, & 5. Seconded by Brian Brook. Mark Morgan Jr., Reese Cook, Brian Brooks, and Tim Pettigrew approved. Motion carried.

18. Discussion and possible action on casting a vote for the officers of the 2024 H-GAC board  
After discussion, Council chose not to cast a vote for the 2024 H-GAC board.  
No action taken.

19. Discussion and possible action to approve a Resolution designating a representative and alternate to the Houston-Galveston Area Council (HGAC) 2024 General Assembly  
Reese Cook moved to approve the resolution designating Mark Morgan as a representative and John Rambo as an alternate to the Houston-Galveston Area Council (HGAC) 2024 General Assembly.  
Seconded by Tim Pettigrew. Mark Morgan Jr., Reese Cook, Brian Brooks, and Tim Pettigrew approved.  
Motion Carried.

Mayor Hopkins convened into executive session at 8:26PM.

**EXECUTIVE SESSION IN ACCORDANCE WITH THE TEXAS GOVERNMENT CODE SECTION 551.071, 551.072 AND 551.074**

*The City Council will now convene into executive session pursuant to the provision of Chapter 551 Texas Government Code, in accordance with the authority contained therein:*

20. Discussion and possible action pursuant to Section 551.071 (1) (a); Consultation with Attorney; Railroad Commission of Texas

**OPEN SESSION**

Mayor reconvened into Open Session; closing Executive Session at 8:41 PM.

**ACTION TO ITEMS OF EXECUTIVE SESSION #20**

Reese Cook moved to approve \$9,000.00 from Logic Acct 600234600 for ARPA funds 2<sup>nd</sup> tranche to be used to pay Railroad Commission fines of \$9,000.00. Due by 01/25/24 stated City Manager. Seconded by Tim Pettigrew. Mark Morgan Jr., Reese Cook, Brian Brooks, and Tim Pettigrew approved. Motion carried.

**ITEMS OF COMMUNITY INTEREST**

Brian Brooks stated Public Works and the Police Department are doing great job.

Mayor Hopkins stated he was glad to be able to ride with the Police Department.

Tim Pettigrew bragged on the EDC. Stewarts has processed 150 deer this year and has made \$22,000.00 to \$25,000.00 in revenue for deer processing this year alone. The smoke house and processing was a good idea and very successful. Pettigrew stated his family is having an estate sale and all proceeds will go to the diabetes foundation in Houston.

City Manager recognized Rodger Larsen, Animal Control Officer, on an excellent job to get the dogs from the pound into foster care during the recent freeze. In preparation of the TCEQ inspection, Shae Welman did an excellent job on the overhaul for aesthetics. Thanks to Public Works for the great work on winterizing the plant and to Matt with Inframark on providing guidance.

**ADJOURN REGULAR SESSION-** Mayor Hopkins adjourned the meeting at 8:46PM.

*Exhibit- Engineer's Opinion and Project Costs for a Citywide Water System Improvements Project & Rebid of Water Line Improvements- Main Street*

*Staff present:*

City Manager, Lindsay Koskiniemi

Police Chief, Brad Caudle

Director of Public Works, Terrance Bell

Finance Director / Personnel Services, Karla Wilson

City Secretary/ Developmental Services, Kaydi Smith

Public Works Department/Gas Operator, Shea Welman

City Engineer, William Huebner

Passed and approved this 20<sup>th</sup> day of February, 2024.  
Kaydi Smith  
Kaydi Smith - City Secretary

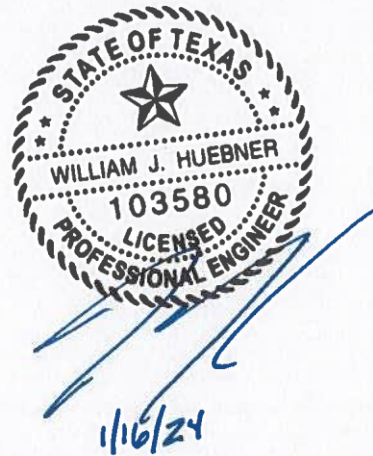


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**CITY OF SWEENY, TEXAS**  
**CITYWIDE WATER SYSTEM IMPROVEMENTS-OVERVIEW**  
**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS**  
 January 16, 2024

OVERALL PROJECT SUMMARY		
LOCATION	CONSTRUCTION	ENGINEERING
City Area No. 1	\$ 3,260,000.00	\$ 445,000.00
City Area No. 2	\$ 2,008,000.00	\$ 295,000.00
City Area No. 3	\$ 2,159,000.00	\$ 305,000.00
City Area No. 4	\$ 2,061,000.00	\$ 295,000.00
City Area No. 5	\$ 1,681,000.00	\$ 255,000.00
City Area No. 6	\$ 2,330,000.00	\$ 325,000.00
<b>TOTAL COSTS (ROUNDED):</b>	<b>\$ 13,499,000.00</b>	<b>\$ 1,920,000.00</b>
<b>CITYWIDE PROJECT COSTS (ROUNDED):</b>		<b>\$ 15,419,000.00</b>

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**CITY OF SWEENY, TEXAS  
 CITYWIDE WATER SYSTEM IMPROVEMENTS-AREA NO. 1  
 ENGINEER'S OPINION OF PROBABLE PROJECT COSTS  
 January 16, 2024**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 6-inch American Water Works Association (AWWA) C900 dimension ratio (DR) 18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	16,250	LF	\$ 50.00	\$ 812,500.00
2.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,800	LF	\$ 90.00	\$ 162,000.00
3.	Furnish materials and install 8-inch AWWA C900 DR 18 PVC water line by open cut, with trace wire, and complete in place.	830	LF	\$ 60.00	\$ 49,800.00
4.	Furnish materials and install 8-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	90	LF	\$ 120.00	\$ 10,800.00
5.	Furnish materials and install 10-inch AWWA C900 DR 18 PVC water line by open cut, with trace wire, and complete in place.	2,610	LF	\$ 80.00	\$ 208,800.00
6.	Furnish materials and install 10-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	290	LF	\$ 150.00	\$ 43,500.00
7.	Furnish and install 6-inch gate valve with valve box; complete in place.	70	EA	\$ 1,800.00	\$ 126,000.00
8.	Furnish and install 8-inch gate valve with valve box; complete in place.	3	EA	\$ 2,400.00	\$ 7,200.00
9.	Furnish and install 10-inch gate valve with valve box; complete in place.	9	EA	\$ 3,200.00	\$ 28,800.00
10.	Furnish and install ductile iron fittings; complete in place.	8.8	TON	\$ 8,500.00	\$ 74,800.00
11.	Furnish and install standard fire hydrant unit; complete in place.	12	EA	\$ 7,000.00	\$ 84,000.00
12.	Furnish materials and connect new water line to existing 6-inch line (wet connection); complete in place.	12	EA	\$ 700.00	\$ 8,400.00
13.	Furnish materials and connect new water line to existing 10-inch line (wet connection); complete in place.	5	EA	\$ 2,250.00	\$ 11,250.00
14.	Furnish materials and connect new water line to existing 12-inch line (wet connection); complete in place.	10	EA	\$ 3,000.00	\$ 30,000.00
15.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	2	EA	\$ 4,500.00	\$ 9,000.00
16.	Furnish materials and install 8-inch tapping sleeve and valve; complete in place.	2	EA	\$ 5,000.00	\$ 10,000.00
17.	Furnish materials and install 10-inch tapping sleeve and valve; complete in place.	2	EA	\$ 8,000.00	\$ 16,000.00
18.	Furnish materials and install 12-inch tapping sleeve and valve; complete in place.	2	EA	\$ 10,000.00	\$ 20,000.00
19.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	2,220	LF	\$ 20.00	\$ 44,400.00
20.	Furnish materials and install 3/4-inch polyethylene service line by bore; complete in place.	2,220	LF	\$ 15.00	\$ 33,300.00
21.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and all other fittings and piping necessary to connect existing service to new water line); complete in place.	185	EA	\$ 1,200.00	\$ 222,000.00
22.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	7,900	LF	\$ 80.00	\$ 632,000.00
23.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	100	LF	\$ 125.00	\$ 12,500.00
24.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 10,000.00	\$ 10,000.00
25.	Furnish materials and perform all necessary traffic control in City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 30,000.00	\$ 30,000.00

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
		I	EA		
26.	Furnish materials and connect new water line to existing water tower supply line.	1	EA	\$ 20,000.00	\$ 20,000.00
Subtotal Construction Costs (Rounded):					\$ 2,717,050.00
20% Contingencies (Rounded):					\$ 543,410.00
<b>SUBTOTAL CONSTRUCTION COST:</b>					<b>\$ 3,260,000.00</b>
<b>ENGINEERING</b>					
1.	Basic services (design-, bidding-, and construction-phase services).				\$ 400,000.00
2.	Additional services (resident project representative).				\$ 45,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>					<b>\$ 445,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>					<b>\$ 3,705,000.00</b>

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**CITY OF SWEENY, TEXAS**  
**CITYWIDE WATER SYSTEM IMPROVEMENTS-AREA NO. 2**  
**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS**  
 January 16, 2024

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 6-inch American Water Works Association (AWWA) C900 dimension ratio (DR)18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	11,590	LF	\$ 50.00	\$ 579,500.00
2.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,330	LF	\$ 90.00	\$ 119,700.00
3.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore with a 12-inch welded steel casing, with trace wire, and complete in place.	380	LF	\$ 180.00	\$ 68,400.00
4.	Furnish and install 6-inch gate valve with valve box; complete in place.	40	EA	\$ 1,800.00	\$ 72,000.00
5.	Furnish and install ductile iron fittings; complete in place.	5.3	TON	\$ 8,500.00	\$ 45,050.00
6.	Furnish and install standard fire hydrant unit; complete in place.	12	EA	\$ 7,000.00	\$ 84,000.00
7.	Furnish materials and connect new water line to existing 6-inch line (wet connection); complete in place.	8	EA	\$ 700.00	\$ 5,600.00
8.	Furnish materials and connect new water line to existing 10-inch line (wet connection); complete in place.	1	EA	\$ 2,250.00	\$ 2,250.00
9.	Furnish materials and connect new water line to existing 12-inch line (wet connection); complete in place.	1	EA	\$ 3,000.00	\$ 3,000.00
10.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	3	EA	\$ 4,500.00	\$ 13,500.00
11.	Furnish materials and install 10-inch tapping sleeve and valve; complete in place.	1	EA	\$ 8,000.00	\$ 8,000.00
12.	Furnish materials and install 12-inch tapping sleeve and valve; complete in place.	1	EA	\$ 10,000.00	\$ 10,000.00
13.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	1,320	LF	\$ 20.00	\$ 26,400.00
14.	Furnish materials and install 3/4-inch polyethylene service line by bore; complete in place.	1,320	LF	\$ 15.00	\$ 19,800.00
15.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and all other fittings and piping necessary to connect existing service to new water line); complete in place.	110	EA	\$ 1,200.00	\$ 132,000.00
16.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	4,650	LF	\$ 80.00	\$ 372,000.00
17.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	580	LF	\$ 125.00	\$ 72,500.00
18.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 15,000.00	\$ 15,000.00
19.	Furnish materials and perform all necessary traffic control in City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 25,000.00	\$ 25,000.00
Subtotal Construction Costs (Rounded):					\$ 1,673,700.00
20% Contingencies (Rounded):					\$ 334,740.00
<b>SUBTOTAL CONSTRUCTION COST:</b>					<b>\$ 2,008,000.00</b>

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
<b>ENGINEERING</b>				
1.	Basic services (design-, bidding-, and construction-phase services).			\$ 250,000.00
2.	Additional services (resident project representative).			\$ 45,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>				<b>\$ 295,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>				<b>\$ 2,303,000.00</b>

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**CITY OF SWEENEY, TEXAS**  
**CITYWIDE WATER SYSTEM IMPROVEMENTS-AREA NO. 3**  
**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS**  
 January 16, 2024

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 6-inch American Water Works Association (AWWA) C900 dimension ratio (DR) 18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	11,880	LF	\$ 50.00	\$ 594,000.00
2.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,320	LF	\$ 90.00	\$ 118,800.00
3.	Furnish materials and install 12-inch AWWA C900 DR 18 PVC water line by open cut, with trace wire, and complete in place.	700	LF	\$ 100.00	\$ 70,000.00
4.	Furnish materials and install 12-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	70	LF	\$ 180.00	\$ 12,600.00
5.	Furnish materials and install 12-inch AWWA C900 DR 18 PVC water line by bore with a 20-inch welded steel casing, with trace wire, and complete in place.	80	LF	\$ 400.00	\$ 32,000.00
6.	Furnish and install 6-inch gate valve with valve box; complete in place.	25	EA	\$ 1,800.00	\$ 45,000.00
7.	Furnish and install 12-inch gate valve with valve box; complete in place.	2	EA	\$ 4,500.00	\$ 9,000.00
8.	Furnish and install ductile iron fittings; complete in place.	5.6	TON	\$ 8,500.00	\$ 47,600.00
9.	Furnish and install standard fire hydrant unit; complete in place.	14	EA	\$ 7,000.00	\$ 98,000.00
10.	Furnish materials and connect new water line to existing 6-inch line (wet connection); complete in place.	6	EA	\$ 700.00	\$ 4,200.00
11.	Furnish materials and connect new water line to existing 10-inch line (wet connection); complete in place.	2	EA	\$ 2,250.00	\$ 4,500.00
12.	Furnish materials and connect new water line to existing 12-inch line (wet connection); complete in place.	2	EA	\$ 3,000.00	\$ 6,000.00
13.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	2	EA	\$ 4,500.00	\$ 9,000.00
14.	Furnish materials and install 12-inch tapping sleeve and valve; complete in place.	2	EA	\$ 10,000.00	\$ 20,000.00
15.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	1,536	LF	\$ 20.00	\$ 30,720.00
16.	Furnish materials and install 3/4-inch polyethylene service line by bore; complete in place.	1,536	LF	\$ 15.00	\$ 23,040.00
17.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and all other fittings and piping necessary to connect existing service to new water line); complete in place.	128	EA	\$ 1,200.00	\$ 153,600.00
18.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	5,030	LF	\$ 80.00	\$ 402,400.00
19.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	630	LF	\$ 125.00	\$ 78,750.00
20.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 15,000.00	\$ 15,000.00
21.	Furnish materials and perform all necessary traffic control in City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 25,000.00	\$ 25,000.00
Subtotal Construction Costs (Rounded):					\$ 1,799,210.00
20% Contingencies (Rounded):					\$ 359,842.00
<b>SUBTOTAL CONSTRUCTION COST:</b>					<b>\$ 2,159,000.00</b>

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
<b>ENGINEERING</b>				
1.	Basic services (design-, bidding-, and construction-phase services).			\$ 260,000.00
2.	Additional services (resident project representative).			\$ 45,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>				<b>\$ 305,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>				<b>\$ 2,464,000.00</b>

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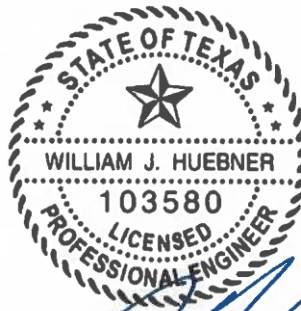
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**CITY OF SWEENEY, TEXAS  
 CITYWIDE WATER SYSTEM IMPROVEMENTS-AREA NO. 4  
 ENGINEER'S OPINION OF PROBABLE PROJECT COSTS  
 January 16, 2024**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 6-inch American Water Works Association (AWWA) C900 dimension ratio (DR)18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	10,350	LF	\$ 50.00	\$ 517,500.00
2.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,150	LF	\$ 90.00	\$ 103,500.00
3.	Furnish materials and install 8-inch AWWA C900 DR 18 PVC water line by open cut, with trace wire, and complete in place.	80	LF	\$ 60.00	\$ 4,800.00
4.	Furnish materials and install 8-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,620	LF	\$ 120.00	\$ 194,400.00
5.	Furnish and install 6-inch gate valve with valve box; complete in place.	17	EA	\$ 1,800.00	\$ 30,600.00
6.	Furnish and install 8-inch gate valve with valve box; complete in place.	3	EA	\$ 2,400.00	\$ 7,200.00
7.	Furnish and install ductile iron fittings; complete in place.	5.3	TON	\$ 8,500.00	\$ 45,050.00
8.	Furnish and install standard fire hydrant unit; complete in place.	11	EA	\$ 7,000.00	\$ 77,000.00
9.	Furnish materials and connect new water line to existing 6-inch line (wet connection); complete in place.	3	EA	\$ 700.00	\$ 2,100.00
10.	Furnish materials and connect new water line to existing 10-inch line (wet connection); complete in place.	3	EA	\$ 2,250.00	\$ 6,750.00
11.	Furnish materials and connect new water line to existing 12-inch line (wet connection); complete in place.	5	EA	\$ 3,000.00	\$ 15,000.00
12.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	1	EA	\$ 4,500.00	\$ 4,500.00
13.	Furnish materials and install 10-inch tapping sleeve and valve; complete in place.	2	EA	\$ 8,000.00	\$ 16,000.00
14.	Furnish materials and install 12-inch tapping sleeve and valve; complete in place.	2	EA	\$ 10,000.00	\$ 20,000.00
15.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	1,716	LF	\$ 20.00	\$ 34,320.00
16.	Furnish materials and install 3/4-inch polyethylene service line by bore; complete in place.	1,704	LF	\$ 15.00	\$ 25,560.00
17.	Furnish materials and install 3/4-inch polyethylene service line inside 1-inch welded steel casing by bore; complete in place.	125	LF	\$ 60.00	\$ 7,500.00
18.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and all other fittings and piping necessary to connect existing service to new water line); complete in place.	145	EA	\$ 1,200.00	\$ 174,000.00
19.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	4,200	LF	\$ 80.00	\$ 336,000.00
20.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	525	LF	\$ 125.00	\$ 65,625.00
21.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 10,000.00	\$ 10,000.00
22.	Furnish materials and perform all necessary traffic control in City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 20,000.00	\$ 20,000.00
Subtotal Construction Costs (Rounded):					\$ 1,717,405.00
20% Contingencies (Rounded):					\$ 343,481.00
<b>SUBTOTAL CONSTRUCTION COST:</b>					<b>\$ 2,061,000.00</b>

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
<b>ENGINEERING</b>				
1.	Basic services (design-, bidding-, and construction-phase services).			\$ 250,000.00
2.	Additional services (resident project representative).			\$ 45,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>				<b>\$ 295,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>				<b>\$ 2,356,000.00</b>

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 1/16/24





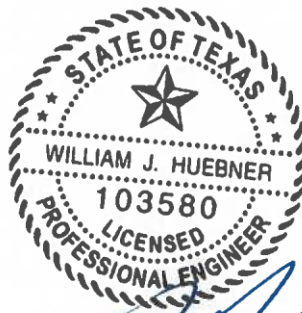
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**CITY OF SWEENEY, TEXAS  
 CITYWIDE WATER SYSTEM IMPROVEMENTS-AREA NO. 5  
 ENGINEER'S OPINION OF PROBABLE PROJECT COSTS  
 January 16, 2024**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 6-inch American Water Works Association (AWWA) C900 dimension ratio (DR)18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	9,900	LF	\$ 50.00	\$ 495,000.00
2.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,100	LF	\$ 90.00	\$ 99,000.00
3.	Furnish and install 6-inch gate valve with valve box; complete in place.	24	EA	\$ 1,800.00	\$ 43,200.00
4.	Furnish and install ductile iron fittings; complete in place.	4.4	TON	\$ 8,500.00	\$ 37,400.00
5.	Furnish and install standard fire hydrant unit; complete in place.	12	EA	\$ 7,000.00	\$ 84,000.00
6.	Furnish materials and connect new water line to existing 6-inch line (wet connection); complete in place.	1	EA	\$ 700.00	\$ 700.00
7.	Furnish materials and connect new water line to existing 10-inch line (wet connection); complete in place.	6	EA	\$ 2,250.00	\$ 13,500.00
8.	Furnish materials and connect new water line to existing 12-inch line (wet connection); complete in place.	10	EA	\$ 3,000.00	\$ 30,000.00
9.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	4	EA	\$ 4,500.00	\$ 18,000.00
10.	Furnish materials and install 12-inch tapping sleeve and valve; complete in place.	2	EA	\$ 10,000.00	\$ 20,000.00
11.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	1,116	LF	\$ 20.00	\$ 22,320.00
12.	Furnish materials and install 3/4-inch polyethylene service line by bore; complete in place.	1,116	LF	\$ 15.00	\$ 16,740.00
13.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and all other fittings and piping necessary to connect existing service to new water line); complete in place.	93	EA	\$ 1,200.00	\$ 111,600.00
14.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	3,960	LF	\$ 80.00	\$ 316,800.00
15.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	500	LF	\$ 125.00	\$ 62,500.00
16.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 10,000.00	\$ 10,000.00
17.	Furnish materials and perform all necessary traffic control in City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 20,000.00	\$ 20,000.00
Subtotal Construction Costs (Rounded):					\$ 1,400,760.00
20% Contingencies (Rounded):					\$ 280,152.00
<b>SUBTOTAL CONSTRUCTION COST:</b>					<b>\$ 1,681,000.00</b>

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
<b>ENGINEERING</b>				
1.	Basic services (design-, bidding-, and construction-phase services).			\$ 210,000.00
2.	Additional services (resident project representative).			\$ 45,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>				<b>\$ 255,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>				<b>\$ 1,936,000.00</b>

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**CITY OF SWEENEY, TEXAS**  
**CITYWIDE WATER SYSTEM IMPROVEMENTS-AREA NO. 6**  
**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS**  
 January 16, 2024

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 6-inch American Water Works Association (AWWA) C900 dimension ratio (DR)18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	13,920	LF	\$ 50.00	\$ 696,000.00
2.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore, with trace wire, and complete in place.	1,560	LF	\$ 90.00	\$ 140,400.00
3.	Furnish materials and install 6-inch AWWA C900 DR 18 PVC water line by bore with a 12-inch welded steel casing, with trace wire, and complete in place.	120	LF	\$ 180.00	\$ 21,600.00
4.	Furnish and install 6-inch gate valve with valve box; complete in place.	28	EA	\$ 1,800.00	\$ 50,400.00
5.	Furnish and install ductile iron fittings; complete in place.	6.3	TON	\$ 8,500.00	\$ 53,550.00
6.	Furnish and install standard fire hydrant unit; complete in place.	17	EA	\$ 7,000.00	\$ 119,000.00
7.	Furnish materials and connect new water line to existing 6-inch line (wet connection); complete in place.	4	EA	\$ 700.00	\$ 2,800.00
8.	Furnish materials and connect new water line to existing 10-inch line (wet connection); complete in place.	3	EA	\$ 2,250.00	\$ 6,750.00
9.	Furnish materials and connect new water line to existing 12-inch line (wet connection); complete in place.	7	EA	\$ 3,000.00	\$ 21,000.00
10.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	2	EA	\$ 4,500.00	\$ 9,000.00
11.	Furnish materials and install 10-inch tapping sleeve and valve; complete in place.	1	EA	\$ 8,000.00	\$ 8,000.00
12.	Furnish materials and install 12-inch tapping sleeve and valve; complete in place.	2	EA	\$ 10,000.00	\$ 20,000.00
13.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	1,632	LF	\$ 20.00	\$ 32,640.00
14.	Furnish materials and install 3/4-inch polyethylene service line inside 1-inch welded steel casing by bore; complete in place.	1,632	LF	\$ 15.00	\$ 24,480.00
15.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and all other fittings and piping necessary to connect existing service to new water line); complete in place.	136	EA	\$ 1,200.00	\$ 163,200.00
16.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	5,570	LF	\$ 80.00	\$ 445,600.00
17.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	700	LF	\$ 125.00	\$ 87,500.00
18.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 15,000.00	\$ 15,000.00
19.	Furnish materials and perform all necessary traffic control in City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 25,000.00	\$ 25,000.00
Subtotal Construction Costs (Rounded):					\$ 1,941,920.00
20% Contingencies (Rounded):					\$ 388,384.00
<b>SUBTOTAL CONSTRUCTION COST:</b>					<b>\$ 2,330,000.00</b>

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
<b>ENGINEERING</b>				
1.	Basic services (design-, bidding-, and construction-phase services).			\$ 280,000.00
2.	Additional services (resident project representative).			\$ 45,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>				<b>\$ 325,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>				<b>\$ 2,655,000.00</b>

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 1/16/24



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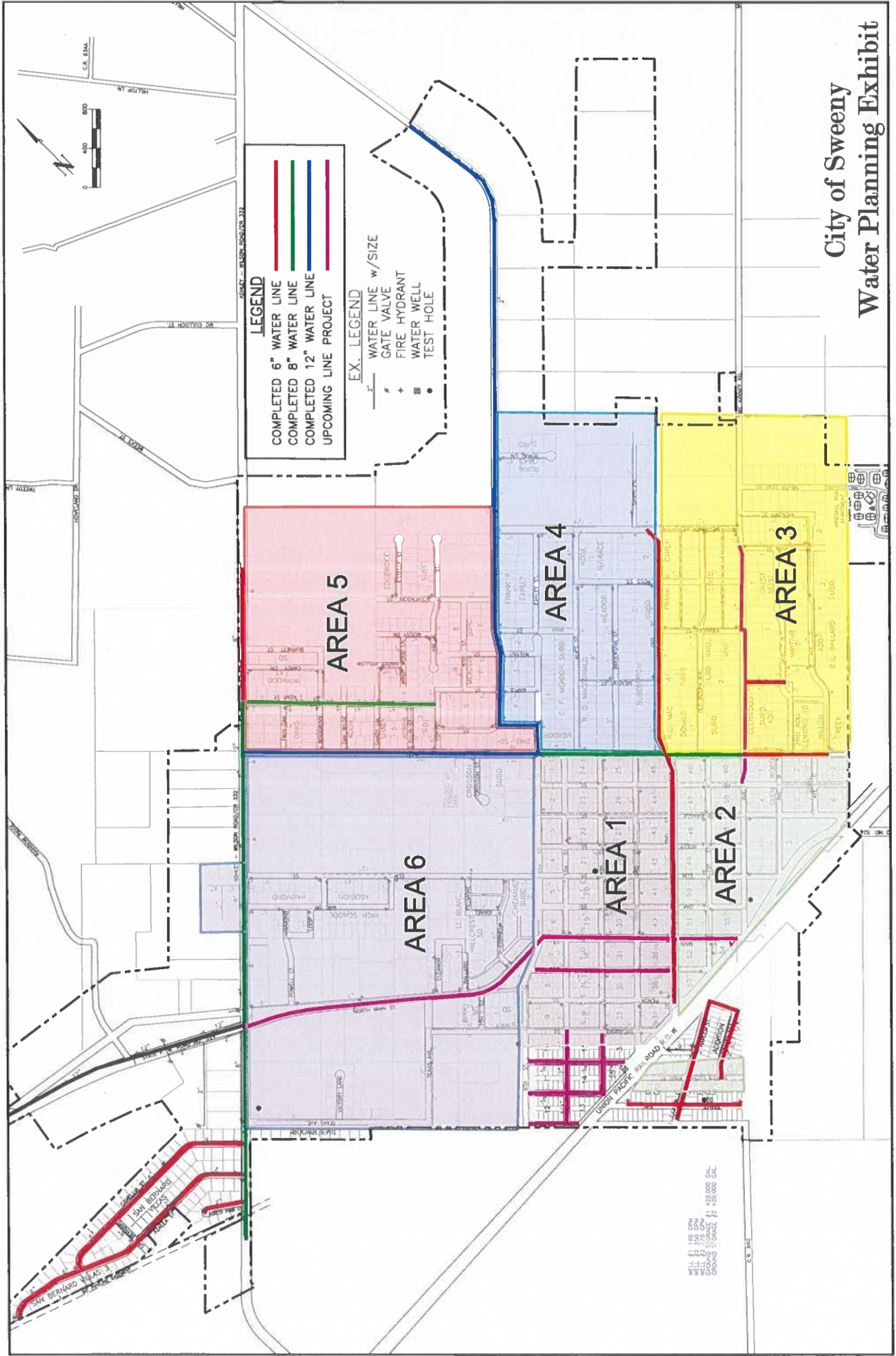
**CITY OF SWEENEY, TEXAS**  
**REBID OF WATER LINE IMPROVEMENTS—MAIN STREET**  
**ENGINEER'S OPINION OF PROBABLE PROJECT COST**  
 January 12, 2024

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
1.	Furnish materials and install 12-inch American Water Works Association (AWWA) C900 dimension ratio (DR)18 polyvinyl chloride (PVC) water line by open cut, with trace wire, and complete in place.	2,550	LF	\$ 100.00	\$ 255,000.00
2.	Furnish materials and install 12-inch AWWA C900 DR18 PVC water line by bore, no casing, with trace wire, and complete in place.	2,520	LF	\$ 180.00	\$ 453,600.00
3.	Furnish materials and install 12-inch AWWA C900 DR18 PVC water line by bore, inside 20-inch welded steel casing, with trace wire, and complete in place.	60	LF	\$ 400.00	\$ 24,000.00
4.	Furnish materials and install 6-inch AWWA C900 DR18 PVC water line by open cut, with trace wire, and complete in place.	350	LF	\$ 50.00	\$ 17,500.00
5.	Furnish materials and install 6-inch AWWA C900 DR18 PVC water line by bore, no casing, with trace wire, and complete in place.	970	LF	\$ 90.00	\$ 87,300.00
6.	Furnish materials and install 3/4-inch polyethylene service line by open cut; complete in place.	760	LF	\$ 15.00	\$ 11,400.00
7.	Furnish materials and install 3/4-inch polyethylene service line inside 1-inch welded steel casing by bore; complete in place.	1,300	LF	\$ 60.00	\$ 78,000.00
8.	Furnish and install 12-inch gate valve with valve box; complete in place.	8	EA	\$ 4,500.00	\$ 36,000.00
9.	Furnish and install 6-inch gate valve with valve box; complete in place.	2	EA	\$ 1,800.00	\$ 3,600.00
10.	Furnish and install ductile iron fittings; complete in place.	4	TON	\$ 10,000.00	\$ 40,000.00
11.	Furnish and install a standard fire hydrant unit; complete in place.	15	EA	\$ 7,000.00	\$ 105,000.00
12.	Furnish materials and connect a new water line to the existing 6-inch line (wet connection); complete in place.	5	EA	\$ 1,400.00	\$ 7,000.00
13.	Furnish materials and connect new water line to the existing 2-inch line (wet connection), as shown on the details for small diameter water connection; complete in place.	6	EA	\$ 700.00	\$ 4,200.00
14.	Furnish materials and install 10-inch tapping sleeve and valve; complete in place.	1	EA	\$ 8,000.00	\$ 8,000.00
15.	Furnish materials and install 8-inch tapping sleeve and valve; complete in place.	2	EA	\$ 5,000.00	\$ 10,000.00
16.	Furnish materials and install 6-inch tapping sleeve and valve; complete in place.	2	EA	\$ 4,500.00	\$ 9,000.00
17.	Furnish materials and install 3/4-inch single water service connection (including service saddle, corporation stop, meter stop, connection to existing meter, and other fittings and piping necessary to connect existing service to new water line); complete in place.	60	EA	\$ 1,200.00	\$ 72,000.00
18.	Furnish materials and install asphalt pavement repair for water lines (all sizes) in all locations; complete in place.	30	LF	\$ 60.00	\$ 1,800.00
19.	Furnish materials and install concrete pavement repair for water lines (all sizes) in all locations; complete in place.	200	LF	\$ 50.00	\$ 10,000.00
20.	Furnish materials and perform seeding and restoration in all areas (including Texas Department of Transportation [TxDOT] right-of-way [ROW]) disturbed by construction of new water lines; complete in place.	1	LS	\$ 10,000.00	\$ 10,000.00

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	TOTAL COST
21.	Furnish materials and perform all necessary traffic control in the City and TxDOT ROW, in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices and applicable TxDOT permit requirements; complete in place.	1	LS	\$ 25,000.00	\$ 25,000.00
22.	Furnish materials and connect the new water line to the existing water tower supply line.	1	EA	\$ 20,000.00	\$ 20,000.00
Subtotal Construction Costs (Rounded):					\$ 1,288,400.00
10% Contingencies (Rounded):					\$ 128,840.00
<b>TOTAL ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST:</b>					<b>\$ 1,417,240.00</b>
<b>2022 SANITARY SEWER IMPROVEMENTS-ALTERNATIVE FORCE MAIN ALIGNMENT</b>					
1.	Basic services (design-, bidding-, construction-phase services).				\$ 60,000.00
2.	Additional services (Resident Project Representative).				\$ 23,000.00
<b>TOTAL ENGINEERING COSTS (ROUNDED):</b>					<b>\$ 83,000.00</b>
<b>TOTAL ENGINEER'S OPINION OF PROBABLE PROJECT COSTS (ROUNDED):</b>					<b>\$ 1,500,240.00</b>

William J. Huebner, P.E.  
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 1906 Niebuhr Street  
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City of Sweeny  
 Water Planning Exhibit