AGENDA
CITY OF ROCHELLE
CITY COUNCIL MEETING
Monday, January 12, 2026 at 6:30 PM
City of Rochelle Council Chambers—420 North 6th Street, Rochelle, IL 61068

I. CALL TO ORDER:
1. Pledge to the Flag
2. Prayer

II. ROLL CALL:

III. PROCLAMATIONS, COMMENDATIONS, ETC:

IV. REPORTS AND COMMUNICATIONS:
1. Mayor's Report
2. Council Members

V. PUBLIC COMMENTARY:

VI. DISCUSSION ITEMS:
1. Ritchie Road to Centerpoint Line Construction

VII. BUSINESS ITEMS:
1. CONSENT AGENDA ITEMS BY OMNIBUS VOTE with Recommendations:
   a) Approve City Council Meeting Minutes - 12/8/2025
   b) Approve Special City Council Meeting Minutes - 12/23/2025
   c) Approve Payroll - 11/24/25-12/7/25, 12/8/25-12/21/25
   d) Approve Payment Register - 12/8/25, 12/15/25, 12/30/25, 1/5/26
   e) Approve Exception Payments - 12/9/25, 12/17/25
2. An Ordinance Suspending Late Fees as Identified in Chapter 98 Article I of the Rochelle Municipal Code through December 31, 2026
3. An Ordinance Authorizing and Providing for the Issuance of Not to Exceed $5,000,000 Aggregate Principal Amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the Levy of a Direct Annual Tax Sufficient to Pay the Principal of and Interest on Said Bonds
4. An Ordinance Awarding a Contract to TAPP, Inc for the Purchase of Steel Poles
5. A Resolution Approving a Temporary Construction Easement with the Richard R. and Doris J. Kennay Trusts
6. An Ordinance Modifying the City's Administrative Procedures for Assessing and Determining Claims Under PSEBA

VIII. EXECUTIVE SESSION:

IX. ADJOURNMENT:

Anyone interested in participating in Public Commentary remotely should contact Rose Huéramo at *rhueramo@rochelleil.us* or 815-562-6161 to make arrangements.

The Council meeting will be broadcast live on Facebook and YouTube.

File Attachments for Item:

1. CONSENT AGENDA ITEMS BY OMNIBUS VOTE with Recommendations:

a) Approve City Council Meeting Minutes - 12/8/2025

b) Approve Special City Council Meeting Minutes - 12/23/2025

c) Approve Payroll - 11/24/25-12/7/25, 12/8/25-12/21/25

d) Approve Payment Register - 12/8/25, 12/15/25, 12/30/25, 1/5/26

e) Approve Exception Payments - 12/9/25, 12/17/25

MINUTES
CITY COUNCIL REGULAR MEETING
Monday, December 08, 2025, at 6:30 PM
City of Rochelle Council Chambers—420 North 6th Street, Rochelle, IL 61068

I. CALL TO ORDER: Pledge to the Flag and prayer were led by Mayor Bearrows.

II. ROLL CALL: Present were Councilors T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor John Bearrows. A quorum of seven were present. Also, present were City Manager Jeff Fiegenschuh, City Clerk Rose Huéramo, and City Attorney Dominick Lanzito.

III. PROCLAMATIONS, COMMENDATIONS, ETC: None.

IV. REPORTS AND COMMUNICATIONS:

1. Mayor's Report: Thanked all who contributed to the Light Up Lincoln Parade on 12/5 and congratulated Pete Alfano, recipient of the Rochelle Gratitude Award. He also thanked attendees and supporters of the 6th Annual Deck the Halls event at Flight Deck on 12/9.

2. Appointment of Chet Smith to Board of Fire and Police Commissioners for a term to expire July 1, 2027. Motion made by Councilor T. McDermott, Seconded by Councilor Hayes, **"I move the Council approve the Mayor's appointment of Chet Smith to the Board of Fire and Police Commissioners with a term to expire July 1, 2027."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

3. Council Members: None.

V. PUBLIC COMMENTARY: None.

VI. DISCUSSION ITEMS: None.

VII. BUSINESS ITEMS:

1. CONSENT AGENDA ITEMS BY OMNIUS VOTE with Recommendations:
a) Approve City Council Meeting Minutes - 11/24/25
b) Approve Payroll - 11/10/25-11/23/25
c) Approve Payment Registers - 11/24/25, 12/1/2025
d) Approve Exceptions - 11/24/25
e) Approve Planning & Zoning Commission Meeting Minutes - 10/6/2025
Motion made by Councilor Hayes, Seconded by Councilor D. McDermott, **"I move consent agenda items (a) through (e) to be approved by Omnibus vote as recommended."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

2. **A Public hearing Regarding a Plan to Issue not to exceed $5,000,000 in Aggregate Principal Amount of the City's General Obligation Bonds (Alternate Revenue Source), Series 2026.** Motion made by Councilor T. McDermott, Seconded by Councilor Valdivieso, **"I move the Council recess into a Public Hearing regarding a plan to issue not to exceed $5,000,000 in Aggregate Principal Amount of the City's General Obligation Bonds (alternate Revenue Source), Series 2026."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. No comments were made. Motion made by Councilor T. McDermott, Seconded by Councilor D. McDermott, **"I move the Council return to open session."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. At 6:42 PM Motion Councilor T. McDermott, Seconded by Councilor D. McDermott, **"I move Council re-recess into a Public Hearing regarding a plan to issue not to exceed $5,000,000 in Aggregate Principal Amount of the City's General Obligation Bonds (alternate Revenue Source), Series 2026."** Voting Yea: T.

McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. This is a hearing regarding a plan to issue alternate revenue source bonds (i) to an amount not to exceed $3,500,000 for the purpose of financing various Rochelle Municipal Airport and related improvements, including, in connection with said work, acquisition of all land or rights in land, mechanical, electrical, and other services necessary, useful, or advisable thereto (the "Airport Project"), (ii) to an amount not to exceed $1,500,000 for the purpose of financing various Technology Center and related improvements, including, in connection with said work, acquisition of all land or rights in land, mechanical, electrical, and other services necessary, useful, or advisable thereto (the "Tech Center Project"), and (iii) to pay certain costs of issuance of the Bonds. At 6:46 PM Motion Councilor T. McDermott, Seconded by Councilor Shaw-Dicky, **"I move Council return to open session."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

3. **An Ordinance Adopting the 2026 City of Rochelle Municipal Budget (Public Hearing & Adoption).** The City of Rochelle held a Committee of the Whole meeting on November 17th to review the Proposed Fiscal Year 2026 Budget. During the meeting, the City Manager presented an overview of the budget and addressed specific questions regarding departmental line items. The City Clerk has published the required Public Hearing Notice for the December 8th City Council meeting, at which public comment will be accepted prior to consideration of the budget. Final action on the FY 2026 Budget must occur on or before December 30, 2025 to comply with statutory filing deadlines with Ogle and Lee Counties. The Proposed 2026 General Fund includes revenues of $16,326,475, an increase of approximately 9.8% over the original FY 2025 budget. Expenditures are projected at $16,603,887, an increase of roughly 8% compared to FY 2025. This results in a projected General Fund deficit of $277,473. Across all funds combined – General Fund, Special Revenue Funds, Enterprise Funds, Internal Service Funds, Trust and Agency Funds and Capital Project Funds – the Proposed FY 2026 Budget includes revenues of $103,796,610 and expenditures of $120,019,874. Illinois statutes require a public hearing to allow residents an opportunity to comment on the proposed budget. Following the hearing, the Council may return to regular session to consider any amendments. Each amendment requires a separate vote. The final amended budget will then be presented for adoption by the Council. City Manager Jeff Fiegenschuh and Finance Director Matt Hoffman were available for questions. Motion made by Councilor D. McDermott, Seconded by Councilor Shaw-Dickey, **"I move the Council recess into a Public Hearing for the Fiscal Year 2026 Budget."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. No comments were made. Motion made by Councilor Valdivieso, Seconded by Councilor T. McDermott, **"I move the Council return to open session."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. Motion made by Councilor T. McDermott, Seconded by Councilor Arteaga, **"I move Ordinance 2025-79, an Ordinance Adopting the 2026 City of Rochelle Municipal Budget, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

4. **A Resolution Approving the City of Rochelle's Capital Improvement Plan for 2026.** The City's Capital Improvement Plan (CIP) is a multi-year planning tool used to identify and evaluate long-term capital infrastructure needs, including renovations, repairs, new construction, and equipment or vehicle replacements over a twenty-year period. The CIP aligns these planned improvements with the financial resources available to support them, as well as the anticipated timeframe for project scheduling and funding. Capital improvement programming serves as the method by which projects are reviewed, prioritized, and selected for inclusion in the City's long-range fiscal planning. The CIP differs from the annual budget in that it provides a twenty-year outlook. The first year includes projects that appear in the 2026 City of Rochelle Budget, while the remaining nineteen years reflect staff's recommended priorities for future capital planning. City Manager Jeff Fiegenschuh and Finance Director Matt Hoffman were available for questions. Motion made by Councilor Arteaga,

Seconded by Councilor Shaw-Dickey, **"I move Resolution R2025-55, a Resolution Approving the City of Rochelle's Capital Improvement Plan for 2026, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso Mayor Bearrows. Nays: None. Motion passed 7-0.

5. **An Ordinance Waiving Competitive Bidding Requirements and Authorizing Phase Three of the Fire Training Tower.** In November of 2021 Council approved a resolution authorizing the City Manager to execute an Intergovernmental Agreement with the Ogle-Lee Fire Protection District for the development and operation of a Joint Training Facility located at 920 South Main Street in Rochelle. The IGA stipulates that all costs will be shared equally between the City and the District. Phase One of this development was securing the property and building infrastructure that included two concrete pads, water drainage, water retention, water supply including two hydrants and a parking lot with curbing. Phase Two included the placement of two prefabricated training structures. One single story structure with a built-in burn room, staircase, moveable walls, and a roof top prop and the other structure simulates a residential or commercial garage. If approved, Phase Three is a three-story structure to simulate incidents within a multi-story building, both residential and commercial. The prefabricated structure includes burn rooms, stair wells, fire escapes, standpipes, balconies and a simulated elevator shaft. Additionally, this structure is designed to facilitate high angle technical rescue drills and confined space drills. The total cost for the structure is $669,000 including delivery and set up but does not include concrete work. At their regular meeting in October the Ogle-Lee Fire Protection District Board approved $334,500 for half of the purchase price. Fire Chief David Sawlsville and Lieutenant Tyler Carls were available for questions. Motion made by Councilor Shaw-Dickey, Second by Councilor Valdivieso, **"I move item number twelve to the current location after item number four."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. Motion made by Councilor T. McDermott, Seconded by Councilor Arteaga, **"I move Ordinance 2025-84, an Ordinance Waiving Competitive Bidding requirements and Authorizing Phase Three of the Fire Training Tower, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

6. **An Ordinance Deleting One Class P-2 Liquor License and Creating One Class P-2 Liquor License for Angel Kishan, Inc., D/B/A Rochelle Shell Gas Station.** There will be a change in ownership at Rochelle Shell, located at 505 W. HWY 38. The new owner Umesh Patel plans to close on the sale December 9th. The business will operate under Angel Kishan Inc. d/b/a Rochelle Shell Gas Station The business will continue to hold a Class P-2 liquor license under the new ownership. Class P-2 licenses shall authorize the retail sale of packaged alcoholic liquor but not for consumption on the premises where sold. The annual license fee for the year commencing January 1 of each year. The holder of a class P-2 license may arrange for alcoholic liquor taste testing and consumption within the area of the licensed premises used for display of package alcoholic liquor. The numbers and size of such samples distributed shall not exceed the maximums set forth in 235 ILCS 5/6-31, as amended from time to time. Umesh Patel has met all the requirements for a Class P-2 liquor license, the Mayor, acting as Liquor Commissioner, has no concerns about issuing the new liquor license without the need to amend the number of available Class P-2 liquor licenses. City Clerk Rose Huéramo was available for questions. Motion made by Councilor D. McDermott, Seconded by Councilor Valdivieso, **"I move Ordinance 2025-80, an Ordinance Deleting One Class P-2 Liquor License and Creating One Class P-2 Liquor License for Angel Kishan, Inc., D/B/A Rochelle Shell Gas Station, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

7. **A Resolution Amending the Personnel Policies Manual.** The City of Rochelle "Handbook" Personnel Policies Manual had a major update in October of 2018. The Personnel Policies Manual is in constant review and revisions shall be made periodically to be consistent with all applicable laws, employment policies and current technology. The request is regarding an update to the

workers' compensation policy, to include a section establishing a return-to-work policy for an employee who has sustained a work-related injury. This policy is a requirement of IML, the new workers' compensation insurance carrier for the City as of January 1, 2026. The updated version can be found in Chapter 4 Article H, which is attached as supplemental documentation to this memo. Human Resource Director Jillian Condon was available for questions. Motion made by Councilor Valdivieso, Seconded by Councilor Hayes, **"I move Resolution R2025-56, a Resolution Amending the Personnel Policies Manual, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

8. **An Ordinance Waiving Competitive Bidding Requirement and Awarding Altec Industries, Inc, the Purchase Order for an AT48M Bucket Truck.** The Electric Department is requesting approval to purchase a new Altec AT48M bucket truck to replace an existing unit E-17 that will be 14 years old by the time the new truck is delivered. Although our goal is to replace trucks on a 10-year cycle, recent supply-chain delays have extended our replacement timelines. Replacing this vehicle is necessary due to increasing maintenance demands. Bucket trucks require annual dielectric testing and must be reliable and fully service-ready during outage events. Once these units exceed 10 years of service, maintenance needs escalate, and reliability begins to decline. This truck is expected to deliver mid 2027. This purchase is being made through a Sourcewell cooperative contract; therefore, we are requesting that competitive bidding be waived. Superintendent of Electric Operations Blake Toliver was available for questions. Motion made by Councilor D. McDermott, Seconded by Councilor Arteaga, **"I move Ordinance 2025-81, an Ordinance Waiving Competitive Bidding Requirements and Authorizing the Purchase of a New At48m Bucket Truck Loader from Altec Industries, Inc., under Sourcewell Contract 020223-CEC, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

9. **A Resolution Authorizing a Change Order to the Professional Services Agreement with BHMG Engineering for the Underground Conversion Project.** Rochelle Municipal Utilities would like to engage BHMG Engineers, Inc to provide engineering services to design, assist in procurement, and provide construction administration for the downtown underground conversion. This project will be funded through the downtown and southern gateway TIF Bonds. The project will start at Lincoln Manor and end at 4th Ave. The goal of this project will be to place all existing overhead facilities underground as well as upgrade any services that are in need along the way. BHMG is a trusted partner and has the knowledge and expertise to complete the desired work. 12-8-25 BHMG seeks a price change request for $42,800 bringing the total to $153,100. This change request comes after design requirements expanded to providing extra effort for telecommunication undergrounding with Frontier and Comcast as well as the secondary replacements to the homes and businesses along the route. Engineering will account for less than 10% of the total project cost upon completion. Superintendent of Electric Operations Blake Toliver was available for questions. Motion made by Councilor Shaw-Dickey, Seconded by Councilor D. McDermott, **"I move Resolution R2025-57, a Resolution Authorizing a Change Order to the Professional Services Agreement with BHMG Engineering for the Underground Conversion Project, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

10. **An Ordinance Waiving Competitive Bidding and Authorizing the Purchase of a Lighting Package from Wesco for the Fire Training Facility.** We are requesting approval to waive competitive bidding and issue a purchase order to Wesco Distribution for the lighting package needed for the new Fire Training Center. Wesco is the provider for all our lighting projects in town. We think it would be best to award the contract to Wesco as they have a great track record for supporting our existing lighting as well as providing quality products. The total cost of the lighting package will be shared equally between the City of Rochelle and the Ogle Lee Fire Protection District.

Superintendent of Electric Operations Blake Toliver was available for questions. Motion made by Councilor Arteaga, Seconded by Councilor Hayes, **"I move Ordinance 2025-82, an Ordinance Waiving Competitive Bidding Requirements and Authorizing the Purchase of a Lighting Package from Wesco for the Fire Training Center, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

11. **An Ordinance Approving a Special Use Permit for an Adult-Use Cannabis Infuser at 600 N. 15th Street.** The petitioner is seeking a special use permit for a proposed adult use cannabis infuser organization. The subject property is zoned I2, General Industrial and is located at 600 N. 15th Street. Sec. 110-160, District Use Classification List, adult use cannabis infuser organization or infuser requires a special use in an I2 zoning district. Section 110-750 Adult Use Cannabis: 7. Adult-Use Cannabis Infuser Organization: In those zoning districts in which an AdultUse Cannabis Infuser Organization may be located, the proposed facility must comply with the Following: 7.1 Facility may not be located within 200 feet of the property line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home. Learning centers and vocational/trade centers shall not be classified as a public or private school for purposes of this Section. 7.2 Facility may not be located in a dwelling unit or within 200 feet of the property line of a preexisting property zoned or used for residential purposes. 7.3 At least 75% of the floor area of any tenant space occupied by an infusing organization shall be devoted to the activities of the infusing organization as authorized by the Act. Facility may not conduct any sales or distribution of cannabis other than as authorized by the Act. 7.4 For purposes of determining required parking, said facilities shall be classified as commercial and/ or industrial per Article XII Schedule of Off-Street Loading and Parking Requirements of the City of Rochelle Municipal Code, provided, however, that the City may require that additional parking be provided as a result of the analysis completed through Article II, Division 2 Adult-Use Cannabis: Conditional Use) herein. 7.5 Petitioner shall file an affidavit with the City affirming compliance with Article II, Division 2 as provided herein and all other requirements of the Act. Adult Use Cannabis Infusion is allowed under Section 110-160 of the District Use Classification, as a Special Use. The Facility meets the setback requirements, as it is more than 200 feet from any residential lot line and meets all other setback requirements. At the request of the City, a survey was required to confirm. As a stipulation of the special use request for an adult use cannabis infuser organization located at 600 N. 15th Street, the submission of a security plan approved by the City of Rochelle Police Department will be required. On Monday, December 1, 2025, the Planning and Zoning Commission voted 6-0 to approve the proposed Special Use for the property located at 600 N. 15th Street, with the request of a submission of a security plan approved by the Rochelle Police Department. Community Development Director Michelle Pease was available for questions. Motion made by Councilor T. McDermott, Seconded by Councilor D. McDermott, **"I move Ordinance 2025-83, an Ordinance Approving a Special Use Permit for an Adult-Use Cannabis Infuser at 600 N. 15th Street."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, and Valdivieso. Voting Abstaining: Mayor Bearrows. Nays: None. Motion passed 6-1.

12. **A Resolution Approving 2025-2026 Risk Insurance through the Illinois Municipal League Risk Management Association.** This Amendment states that the City of Rochelle placed its risk insurance coverage through IMLRMA directly, not through March McLennan Agency (MMA), and because of this, MMA waived the $50,000 service charge that had been proposed for their services. An updated Risk Insurance Renewal Comparison is attached. HR Risk and Safety Coordinator Brittney Zick was available for questions. Motion made by Councilor D. McDermott, Seconded by Councilor Shaw-Dickey, **"I move to rescind Resolution R2025-53, adopted on November 24,2025, due to incorrect information regarding the City's risk insurance placement."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. Motion made by Councilor T. McDermott, Second by Councilor Arteaga, **"I move to approve Resolution R2025-58, which included the corrected statement that**

the City of Rochelle placed its risk insurance coverage through IMLRMA directly, and that March McLennan Agency waived the $50,000 service charge accordingly." Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

13. **An Ordinance Accepting the Base Bid and Alternate Bid from Bruns Construction for the Construction of a New 8-Unit T-Hangar.** Rochelle Municipal Airport has seven airplane hangars housing over forty aircraft. Five of these hangars (A, B, C, D, E) are T-Hangars. Two of these hangars, FBO & Community, are Box Hangars. All aircraft hangars at Rochelle's Airport are being rented, and we currently have fifteen aircraft on a waiting list for an available hangar. Hangars B, C, and D, were constructed in 1963. These are the oldest hangars at the airport. All of these hangars are all wooden frame hangars and each one houses six aircraft. Hangar A is a Behlen building that was constructed in 1970. This is the Airports first all-steel THangar, and it houses 6 aircraft. Hangar E is newest T-Hangar, this is an Erect-a-tube, allsteel building that was constructed in 1991 and houses 6 aircraft. The FBO and Community Hangars are open floor plan box hangars that can house multiple aircraft. The Community Hangar is Rochelle's newest aircraft hangar and was constructed in 2009. Hangaring aircraft is a vital source of revenue for Rochelle's Airport. Building another hangar and having more aircraft based at Rochelle's airport not only helps increase monthly revenue from renting more hangars, but it will also help increase federal and state funding dollars the city receives as some of this funding is determined by the number of airport operations (takeoff & landings) performed at the airport on an annual basis. Another anticipated benefit is an increase in fuel sales from having additional aircraft based at the airport. City staff worked with Hanson Engineering on the design and planning of a new 8-unit THangar. This project consists of the construction of a new 8-unit T-Hangar with concrete floors and bi-fold doors, lights, and receptacles. Associated work items include site preparation and grading, pre-engineered steel building erection, concrete slab-on-grade construction, concrete perimeter slab, hangar and site electrical, erosion control, and site restoration. This project includes an Additive Alternate for constructing HMA access taxilane. The construction of one new 8-Unit T-Hangar and pavement site work was advertised for bids with a bid opening date of April 23rd, 2025. No bids were received on this date. The project was advertised once again with a second bid opening date set for August 8th, 2025. One bid for the construction of one new 8-Unit T-Hangar including an additive alternate for pavement site work was received from Bruns construction with a base bid amount of $1,535,870.00 and an additive alternate bid for $200,826.90. The base bid for this project came in 28.25% percent above the engineers' cost estimate. The additive alternate bid came in 21.87% below the engineers cost estimate. With this bid being above the engineers cost estimate staff reached out to officials at IDOT Aeronautics and other consultants in this field to compare results from similar projects and found many new construction hangar bids have gone above engineer cost estimates, mainly due to market uncertainties, inflation, and steel tariffs. This project will be funded from a general obligation bond (alternate revenue source) series 2026 that was brought to and approved by Rochelle City Council on November 24th, 2025. Once this project has been completed, the city will receive $1,204,737 in grant funding towards the overall cost of the 8-unit T hangar. $720,000 of grant funding is from the Bipartisan Infrastructure Bill passed by Congress in 2021. BIL/IIJA funding was distributed over a fiveyear period and is unique in that it can be used for revenue generating projects like a T hangar. It is unknown when, or if ever, funding of this type will come around again, which is why we are proposing to construct this new 8-unit T hangar at this time. Allocated BIL/IIJA funding must be used within three years of the issuance date, or the funding stats to expire. The remaining balance of this project will be paid with airport revenues generated from property tax, property and hanger rent, and fuel sales. Director of Public Works Tim Isley was available for questions. Motion made by Councilor Valdivieso, Seconded by Councilor Hayes, **"I move Ordinance 2025-85, an Ordinance Accepting the Base Bid and Alternative Bid from Bruns Construction for the Construction of a New 8-Unit T Hangar, be approved."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

14. **A Motion to Approve a Collective Bargaining Agreement with the Police Benevolent Labor Committee for Patrol Officers, Sergeants and Dispatchers of the Rochelle Police Department expiring April 30, 2028.** In April 2025, the City of Rochelle was notified that a petition for representation had been filed with the Police Benevolent Labor Committee (PBLC) by members previously represented by the Illinois Council of Police. This representation process concluded on August 4, 2025. Following the certification of the PBLC as the new bargaining representative, the City initiated negotiations for a new collective bargaining agreement covering the period from May 1, 2025, through April 30, 2028. The proposed agreement reflects a mutual compromise between the City and the bargaining unit, aimed at supporting sustainable staffing levels and operational stability into the future. Key changes from the previous agreement include: SECTION 15.1 The proposed contract allows new employees the ability to use vacation time at the 6-month mark, opposed to waiting for the first year. SECTION 16.9 The proposed contract awards members two days of personal time. This aligns with the time given to firefighters in their collective bargaining agreement. SECTION 18.1 The insurance moved away from a two-tiered system. The presented Tier now aligns with the Tier given to firefighters in their collective bargaining agreement. 2025 Rate Adjustment The proposed contract incorporates a 1% equity adjustment awarded to dispatch membership and an across the board equity adjustment of 8%. During negotiations competitors were reviewed by the City and it was discovered that the City of Rochelle was paying the lowest wage out of 20 competitors. After the adjustment the City is slotted to pay 8th out of the 11 competitors that have settled a contract. The City feels this adjustment will keep us competitive in a hiring market that is still very competitive and seeing many changes. The City has made strides in hiring, without having to utilize monetary incentives like signing bonuses, and the goal is to also retain the talent we have successfully recruited. Having more competitive pay and robust benefits package aids our strategic goal of a safe and stable community. Human Resource Director Jillian Condon was available for questions. Motion made by Councilor T. McDermott, Seconded by Councilor Valdivieso, **"I move Council approve a Collective Bargaining Agreement between the City of Rochelle and the Police Benevolent Labor Committee with a term of May 1, 2025 through April 30, 2028."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

VIII. EXECUTIVE SESSION: Motion made by Councilor Arteaga, Seconded by Councilor Shaw-Dickey, **"I move the Council recess into executive session to discuss the (appointment, Employment, compensation, discipline, performance and/or dismissal) of specific employee(s). Section (c) (1).** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0. Motion made by Councilor Shaw-Dickey, Seconded by Councilor T. McDermott, **"I move return to open session."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

IX. ADJOURNMENT: Motion made by Councilor Valdivieso, Seconded by Councilor Shaw-Dickey, **"I move the Council adjourn."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

John Bearrows, Mayor

Rose Huéramo, City Clerk

MINUTES
CITY COUNCIL SPECIAL MEETING
Tuesday, December 23, 2025 at 6:30 PM
City of Rochelle Council Chambers—420 North 6th Street, Rochelle, IL 61068

I. CALL TO ORDER: Pledge to the Flag and prayer were led by Mayor John Bearrows.

II. ROLL CALL: Present were Councilors T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor John Bearrows. A quorum of seven were present. Also, present City Manager Jeff Fiegenschuh, City Clerk Rose Huéramo, City Attorney Dominick Lanzito.

III. PROCLAMATIONS, COMMENDATIONS, ETC: None.

IV. REPORTS AND COMMUNICATIONS:

1. Mayor's Report: Wishes everyone a Merry Christmas and a happy and safe Holiday.
2. Council Members: Councilwoman Shaw-Dickey thanked City Manager Jeff Fiegenschuh for the last 8.3 years of service.

V. PUBLIC COMMENTARY: None.

VI. DISCUSSION ITEMS: The City Manager presented a video recap highlighting eight years of City projects and collaboration with community partners.

VII. EXECUTIVE SESSION: At 6:46 PM. Motion made by Councilor T. McDermott, Seconded by Councilor D. McDermott, **"I move the Council recess into executive session to discuss the (appointment, Employment, Compensation, discipline, performance and/or dismissal) of specific employee(s). Section (c) (1).** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.
At 8:36 PM. Motion made by Councilor T. McDermott, Seconded by Councilor D. McDermott, **"I move the Council return to open session."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

VIII. BUSINESS ITEMS:

1. **A Motion to Accept the Resignation of City Manager Jeff Fiegenschuh, Effective Wednesday, January 14, 2026.** Motion made by Councilor Shaw-Dickey, Seconded by Councilor Arteaga, **"I move the Council accept the Resignation of the City Manager Jeff Fiegenschuh, Effective Wednesday, January 14, 2026."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

2. **A Motion to Appoint an Interim City Manager**. Motion made by Councilor T. McDermott, Seconded by Councilor D. McDermott, **"I move the Council to appoint Sam Tesreau as Interim City Manager to serve until the position of City Manager is permanently filed or until further action by the Council."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

3. **A Motion Engage a Consultant to Conduct a City Manager Search**. Motion made by Councilor Shaw-Dickey, Seconded by Councilor Valdivieso, **"I move that the Council authorize the use of option B, Arndt Municipal Support as a consultant to conduct a City Manager search, in an amount not to exceed $22,250."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

IX. ADJOURNMENT: At 8:39 PM. Motion made by Councilor Shaw-Dickey, Seconded by Councilor Valdivieso, **"I move the Council adjourn."** Voting Yea: T. McDermott, Hayes, D. McDermott, Shaw-Dickey, Arteaga, Valdivieso, and Mayor Bearrows. Nays: None. Motion passed 7-0.

John Bearrows, Mayor

Rose Huéramo, City Clerk

Rochelle, IL

Council Payroll Check Register

Employee Pay Summary

Pay Period: 11/24/2025-12/7/2025

Packet: PYPKT01336 - PPE 12.07.25
Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
ANATRA, NICK	00508	12/12/2025	16512	2,723.56
ANAYA, PEDRO	00592	12/12/2025	16399	3,029.28
ARENDT, JACQUELINE	00638	12/12/2025	16459	155.13
ARTEAGA, ROSAELIA	00536	12/12/2025	1344	168.08
BAKKER, CODY	00539	12/12/2025	16460	879.00
BANESKI, ELVIS	00379	12/12/2025	16400	4,558.55
BEARROWS, JOHN B	00453	12/12/2025	16389	694.56
BECK, JOHN M	00141	12/12/2025	16491	4,600.72
BEERY, RYAN T	00340	12/12/2025	16401	4,047.18
BELMONTE, ROCIO	00423	12/12/2025	16394	1,346.66
BETTNER, DANIELLE	00531	12/12/2025	16536	1,823.81
BJORNEBY, JACOB	00469	12/12/2025	16517	3,501.56
BOEHLE, MATTHEW	00444	12/12/2025	16518	1,688.59
BOEHM, MARK	00556	12/12/2025	16550	3,968.98
BORCHERTS, CODY	00679	12/12/2025	16402	2,568.98
BRASS, NATHANIEL W	00566	12/12/2025	16403	3,379.73
BRIDGEMAN, KYLE C	00478	12/12/2025	16495	2,395.47
BRUST, PATRICK	00490	12/12/2025	16538	3,642.31
BURDIN, JASON E	00263	12/12/2025	16519	4,814.02
CARDOTT, CHRISTINA	00317	12/12/2025	16551	2,573.46
CARLS, TYLER J	00179	12/12/2025	16439	4,146.61
CASSIDY, ZACHARY	00637	12/12/2025	16496	2,155.16
CASTORENA, EDSON	00670	12/12/2025	16461	144.54
CECH, ERIC T	00393	12/12/2025	16502	2,491.43
CONDON, JILLIAN	00545	12/12/2025	16552	3,725.14
CONE, JUSTIN D	00620	12/12/2025	16404	2,502.70
CONTRERAS, DANTE	00678	12/12/2025	16474	3,877.58
COX, JOHNATHAN M	00616	12/12/2025	16475	3,915.32
COX, CHRISTOPHER T	00446	12/12/2025	16520	5,491.14
CRAWFORD, ERIK L	00123	12/12/2025	16476	5,937.99
CUNNINGHAM, ANDREW R	00027	12/12/2025	16503	2,025.87
DA COSTA, BENJAMIN	00619	12/12/2025	16539	2,094.30
DAUGHERTY, MICHAEL A	00559	12/12/2025	16477	4,080.45
DAVIS, MATTHEW	00664	12/12/2025	16462	559.56
DICKSON, EVAN	00609	12/12/2025	16405	1,469.90
DIMAGGIO, DOMINIC	00676	12/12/2025	16406	2,705.81
DOUGHERTY, KENNETH R	00418	12/12/2025	16440	3,517.48
EDWARDS, BRIAN E	00181	12/12/2025	16441	3,739.41
EVANS, BILLY GREGG	00550	12/12/2025	16463	636.96
FABER, CALE	00617	12/12/2025	16478	4,018.71
FENWICK, NATALIE Z	00428	12/12/2025	16545	783.65
FIEGENSCHUH, JEFFREY	00463	12/12/2025	16397	4,320.16
FLANAGAN, ROBERT H	00383	12/12/2025	16479	2,479.46
FLEMMING, BAILEY H	00639	12/12/2025	16442	2,980.47
FLORES, ARACELI	00612	12/12/2025	16531	1,506.39
FLORESS, HEATHER	00631	12/12/2025	16497	1,613.26
FORE, COLVIN	00549	12/12/2025	16546	209.76
FRANKENBERRY, PHILLIP C	00030	12/12/2025	16407	2,983.78
FULGENCIO, MICKAYA	00577	12/12/2025	16532	1,196.98
GIBIC, NEVRES	00680	12/12/2025	16408	2,651.29
GILLIAM, JAMES R	00322	12/12/2025	1346	3,632.41

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Employee	Employee #	Payment Date	Number	Net
GILLIS, AUSTIN	00413	12/12/2025	16464	123.16
GILLIS, ANGELA	00192	12/12/2025	16443	3,992.94
GOOD, JEREMY M	00334	12/12/2025	16444	5,841.47
HAAN, WILLIAM A	00270	12/12/2025	16409	3,711.07
HAMILTON, MITCH A	00425	12/12/2025	16547	3,090.46
HARRINGTON, DAMEN	00608	12/12/2025	16410	1,010.68
HARTWIG, RAYMOND	00658	12/12/2025	16513	2,084.95
HAYES, WILLIAM T	00250	12/12/2025	16390	173.51
HELGREN, CURTIS	00476	12/12/2025	16445	3,068.22
HERNANDEZ, AUTUMN	00557	12/12/2025	16533	2,395.06
HEUER, CASEY	00552	12/12/2025	16540	2,224.74
HOFFMAN, MATT	00682	12/12/2025	16553	3,930.29
HOLDEN, ERIC	00569	12/12/2025	16541	2,054.30
HOWARD, CASEY	00555	12/12/2025	16521	4,706.57
HUDETZ, MICHAEL L	00422	12/12/2025	16543	1,695.04
HUERAMO, CRYSTAL	00615	12/12/2025	16534	1,215.80
HUERAMO, ROSE MARY	00415	12/12/2025	16395	2,286.07
HUERAMO, BIANCA	00572	12/12/2025	16411	2,176.46
ISLEY, TIMOTHY P	00249	12/12/2025	16480	3,150.59
JACKSON, CANDICE	00551	12/12/2025	16412	1,834.08
JACKSON, SYDNEY L	00562	12/12/2025	16413	3,131.70
JAKYMIW, JAMES M	00367	12/12/2025	16414	2,612.78
JIMENEZ, KAYLEE	00554	12/12/2025	16504	1,845.64
JOHNSON, BENJAMIN C	00166	12/12/2025	16446	3,669.79
JOHNSON, JARED	00048	12/12/2025	16542	2,442.75
JOHNSON, TODD A	00069	12/12/2025	16522	3,144.36
JUDAH, CHRISTOPHER M	00439	12/12/2025	16505	338.24
JUDD, CHAD A	00450	12/12/2025	16506	1,650.99
KASS, JACOB R	00641	12/12/2025	16447	3,036.37
KELCHNER, GRACIE	00647	12/12/2025	16415	1,974.70
KELLER, DANIEL W	00211	12/12/2025	16498	2,345.29
KEPKA, JASON	00618	12/12/2025	16465	558.31
KESSLER, SEAN	00634	12/12/2025	16523	3,156.02
KNIGHT, JAMES WALKER	00585	12/12/2025	16514	2,431.68
KNIGHT, MICHELLE	00174	12/12/2025	16488	2,167.29
KNIGHT, NOAH	00600	12/12/2025	16416	3,682.66
KNIGHT, KALEB	00636	12/12/2025	16515	2,141.50
KORLESKI, ROSE	00681	12/12/2025	16554	587.10
KOVACS, RYAN	00384	12/12/2025	16417	3,322.71
LANNING, ADAM	00392	12/12/2025	16499	3,774.64
LEWIS, JOSH R	00338	12/12/2025	16448	4,769.99
LODICO, TREY	00613	12/12/2025	16449	3,895.68
LOVELADY-SMITH, ELIZABET	00653	12/12/2025	16555	1,764.06
LUDWIG, BRITTANY D	00645	12/12/2025	16437	195.77
LUXTON, TOD	00535	12/12/2025	16500	2,576.05
MCDERMOTT, DANIEL W	00038	12/12/2025	16391	118.08
MCDERMOTT, THOMAS	00063	12/12/2025	16392	165.28
MCGILL, MICHAEL	00462	12/12/2025	16466	654.35
MEDINE, JUSTIN	00487	12/12/2025	16507	1,946.48
MERRILL, ADAM	00677	12/12/2025	16524	3,348.13
MESSER, NOAH	00581	12/12/2025	16450	2,558.51
MILLER, RYAN	00540	12/12/2025	16508	1,832.34
MILOS, KRISTOFER	00512	12/12/2025	16481	4,923.73
MISKELL, CJ	00671	12/12/2025	16525	5,334.55
MONTERO, DAVID S	00601	12/12/2025	16451	2,669.34
MOREAU, SENADA	00408	12/12/2025	16418	2,296.69
MORRIS, MANDI R	00168	12/12/2025	16535	1,648.73
MUELLER, JESSICA CM	00510	12/12/2025	16509	3,064.12
MULHOLLAND, JAY A	00442	12/12/2025	16526	2,617.90

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MUSSELMAN, JEFFREY J	00200	12/12/2025	16510	4,023.49
NAMBO, LUISA	00273	12/12/2025	16419	1,935.23
NAVA, CELESTE	00662	12/12/2025	16556	1,713.71
NAY, WELDON	00644	12/12/2025	16467	931.61
NEUENKIRCHEN, RYAN J	00590	12/12/2025	16511	1,785.34
OATES, JAKE	00663	12/12/2025	16468	449.90
OLESON, KHRYSTA	00621	12/12/2025	16557	1,659.39
OLSZEWSKI, ROBIN L	00373	12/12/2025	16420	2,545.25
OLSZEWSKI, BRITTANY	00546	12/12/2025	16396	1,136.28
OWEN, ALISON	00409	12/12/2025	16421	2,569.76
OWEN, TREVOR D	00399	12/12/2025	16422	3,863.95
PAVIA, PETER	00485	12/12/2025	16423	3,809.12
PEARSON, ROGER	00522	12/12/2025	16438	195.77
PEASE, MICHELLE J	00222	12/12/2025	16489	3,049.65
PLAZA, JONATHAN	00524	12/12/2025	16452	1,974.28
POWELL, KORTNEY	00607	12/12/2025	16469	848.92
PREWETT, ZACHARY	00327	12/12/2025	16453	6,521.25
RANGEL, DWAYNE	00455	12/12/2025	16501	3,959.11
RIVERA, ANGEL	00606	12/12/2025	16424	3,505.07
RODABAUGH, AARON C	00213	12/12/2025	16425	3,298.19
ROGDE, ANDREW C	00410	12/12/2025	16527	1,856.84
SALINAS, JAVIER	00538	12/12/2025	16454	2,213.14
SAWLSVILLE, CHRISTOPHER	00300	12/12/2025	16470	656.52
SAWLSVILLE, DAVID W	00046	12/12/2025	16455	3,661.24
SCHABACKER, BRAD J	00348	12/12/2025	16482	3,755.45
SESTER, CORY	00294	12/12/2025	16426	2,946.26
SESTER, JOSEPH R	00129	12/12/2025	16427	3,314.70
SHAW-DICKEY, KATHRYN E	00452	12/12/2025	16393	168.08
SILVA, BARTOLOME	00586	12/12/2025	16428	2,250.54
SILVA, EDGAR Q	00593	12/12/2025	16429	3,114.47
SIMMONS, NOAH	00633	12/12/2025	16471	110.78
SMITH, BETH A	00441	12/12/2025	16472	326.87
SORGEA, ASHTIN	00675	12/12/2025	16430	1,810.79
SPEARS, NICHOLAS J	00362	12/12/2025	16483	5,008.81
SPEARS, JORDAN	00660	12/12/2025	16548	215.19
STARR, GEOFFREY	00495	12/12/2025	16490	2,501.28
SULLIVAN, JAMEY A	00356	12/12/2025	16528	2,281.18
SUNESON, SARA L	00252	12/12/2025	16537	1,608.99
SWANSON, CARMEN	00541	12/12/2025	16431	1,301.30
TAFT, JAY E	00646	12/12/2025	16544	151.23
TESREAU, SAMUEL C	00276	12/12/2025	16492	4,348.23
THOMPSON, JENNIFER R	00364	12/12/2025	16398	3,658.22
TIMM, NATHAN K	00414	12/12/2025	16484	4,047.13
TOLIVER, BLAKE A	00205	12/12/2025	16529	3,543.01
TURCATO, JAMES	00635	12/12/2025	16530	5,256.66
UNDERWOOD, JASON M	00217	12/12/2025	16456	4,321.37
UTECHT, MICHAEL	00493	12/12/2025	16549	641.91
VALDIVIESO, BENJAMIN	00599	12/12/2025	1345	0.00
VANKIRK, COLTON	00496	12/12/2025	16485	4,125.82
VANVICKLE, ZECHARIAH	00548	12/12/2025	16457	3,417.89
VILLALOBOS, EDDIE V	00560	12/12/2025	16486	3,553.83
WARD, CURTIS W	00331	12/12/2025	16493	2,313.31
WATERS, SHANE A	00430	12/12/2025	16516	2,873.80
WEEKS, JOYCE L	00401	12/12/2025	16494	650.48
WILLIAMS, DOMINIC	00665	12/12/2025	16473	68.83
WILLIS, JODY T	00051	12/12/2025	16458	2,707.36
WINTERTON, RYAN	00627	12/12/2025	16432	3,066.30
WITT, ADAM	00605	12/12/2025	16433	2,972.43
WITTENBERG, MATTHEW E	00282	12/12/2025	16434	2,924.38

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Employee	Employee #	Payment Date	Number	Net
WOOLBRIGHT, TYLER	00640	12/12/2025	16435	2,807.48
WRIGHT, ABBY	00489	12/12/2025	16436	2,365.79
WYATT, JAKE	00650	12/12/2025	16487	4,411.67
ZICK, BRITTNEY	00571	12/12/2025	16558	2,167.13
			Totals:	**436,585.02**

Rochelle, IL

Council Payroll Check Register
Employee Pay Summary
Pay Period: 12/8/2025-12/21/2025

Packet: PYPKT01339 - PPE 12.21.25
Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
ALDRIDGE, KYLE	00509	12/26/2025	16629	31.03
ANATRA, NICK	00508	12/26/2025	16681	2,516.42
ANAYA, PEDRO	00592	12/26/2025	16569	3,497.43
ARENDT, JACQUELINE	00638	12/26/2025	16630	360.69
ARTEAGA, ROSAELIA	00536	12/26/2025	1347	168.08
BAKKER, CODY	00539	12/26/2025	16631	766.17
BANESKI, ELVIS	00379	12/26/2025	16570	6,065.05
BEARROWS, JOHN B	00453	12/26/2025	16559	694.56
BECK, JOHN M	00141	12/26/2025	16660	2,309.07
BEERY, RYAN T	00340	12/26/2025	16571	5,988.72
BELMONTE, ROCIO	00423	12/26/2025	16564	1,325.08
BERKELEY, REBECCA	00575	12/26/2025	16632	139.62
BETTNER, DANIELLE	00531	12/26/2025	16708	1,823.81
BJORNEBY, JACOB	00469	12/26/2025	16686	3,891.65
BOEHLE, MATTHEW	00444	12/26/2025	16687	1,712.60
BOEHM, MARK	00556	12/26/2025	16719	3,968.98
BORCHERTS, CODY	00679	12/26/2025	16572	2,927.75
BRASS, NATHANIEL W	00566	12/26/2025	16573	4,583.43
BRIDGEMAN, KYLE C	00478	12/26/2025	16664	3,759.36
BRUST, PATRICK	00490	12/26/2025	16710	3,642.31
BURDIN, JASON E	00263	12/26/2025	16688	3,233.55
CARDOTT, CHRISTINA	00317	12/26/2025	16720	2,968.11
CARLS, TYLER J	00179	12/26/2025	16609	3,135.29
CASSIDY, ZACHARY	00637	12/26/2025	16665	3,546.04
CASTORENA, EDSON	00670	12/26/2025	16633	55.06
CECH, ERIC T	00393	12/26/2025	16671	2,482.50
CONDON, JILLIAN	00545	12/26/2025	16721	3,725.08
CONE, JUSTIN D	00620	12/26/2025	16574	3,619.54
CONTRERAS, DANTE	00678	12/26/2025	16643	1,980.73
CORTES-AGUILERA, IVAN	00686	12/26/2025	16689	1,535.65
COX, JOHNATHAN M	00616	12/26/2025	16644	1,774.24
COX, CHRISTOPHER T	00446	12/26/2025	16690	3,581.41
CRAWFORD, ERIK L	00123	12/26/2025	16645	2,832.17
CUNNINGHAM, ANDREW R	00027	12/26/2025	16672	2,764.50
DA COSTA, BENJAMIN	00619	12/26/2025	16711	2,075.30
DAUGHERTY, MICHAEL A	00559	12/26/2025	16646	2,471.32
DAVIS, MATTHEW	00664	12/26/2025	16634	643.73
DICKSON, EVAN	00609	12/26/2025	16575	1,469.90
DIMAGGIO, DOMINIC	00676	12/26/2025	16576	3,603.10
DOUGHERTY, KENNETH R	00418	12/26/2025	16610	3,334.79
EDWARDS, BRIAN E	00181	12/26/2025	16611	3,205.28
EVANS, BILLY GREGG	00550	12/26/2025	16635	364.26
FABER, CALE	00617	12/26/2025	16647	2,141.53
FENWICK, NATALIE Z	00428	12/26/2025	16716	611.75
FIEGENSCHUH, JEFFREY	00463	12/26/2025	16567	5,063.62
FLANAGAN, ROBERT H	00383	12/26/2025	16648	1,428.86
FLEMMING, BAILEY H	00639	12/26/2025	16612	2,447.29
FLORES, ARACELI	00612	12/26/2025	16702	1,466.00
FLORESS, HEATHER	00631	12/26/2025	16666	1,613.26
FRANKENBERRY, PHILLIP C	00030	12/26/2025	16577	2,983.78
FULGENCIO, MICKAYA	00577	12/26/2025	16703	1,164.63

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Employee	Employee #	Payment Date	Number	Net
GIBIC, NEVRES	00680	12/26/2025	16578	2,421.60
GILLIAM, JAMES R	00322	12/26/2025	1349	5,329.40
GILLIS, AUSTIN	00413	12/26/2025	16636	340.36
GILLIS, ANGELA	00192	12/26/2025	16613	1,182.50
GOOD, JEREMY M	00334	12/26/2025	16614	3,596.32
GREK, ANTHONY	00684	12/26/2025	16704	1,834.51
HAAN, WILLIAM A	00270	12/26/2025	16579	5,332.26
HAMILTON, MITCH A	00425	12/26/2025	16717	3,090.46
HARRINGTON, DAMEN	00608	12/26/2025	16580	918.30
HARTWIG, RAYMOND	00658	12/26/2025	16682	3,029.55
HAYES, WILLIAM T	00250	12/26/2025	16560	173.51
HELGREN, CURTIS	00476	12/26/2025	16615	2,066.27
HERNANDEZ, AUTUMN	00557	12/26/2025	16705	2,394.99
HEUER, CASEY	00552	12/26/2025	16712	2,224.74
HOFFMAN, MATT	00682	12/26/2025	16722	4,150.85
HOLDEN, ERIC	00569	12/26/2025	16713	2,054.30
HOWARD, CASEY	00555	12/26/2025	16691	3,041.56
HUDETZ, MICHAEL L	00422	12/26/2025	16715	1,695.04
HUERAMO, CRYSTAL	00615	12/26/2025	16706	1,215.80
HUERAMO, BIANCA	00572	12/26/2025	16581	2,721.58
HUERAMO, ROSE MARY	00415	12/26/2025	16565	2,286.07
ISLEY, TIMOTHY P	00249	12/26/2025	16649	3,150.53
JACKSON, CANDICE	00551	12/26/2025	16582	2,707.85
JACKSON, SYDNEY L	00562	12/26/2025	16583	4,275.25
JAKYMIW, JAMES M	00367	12/26/2025	16584	4,508.08
JIMENEZ, KAYLEE	00554	12/26/2025	16673	540.90
JOHNSON, TODD A	00069	12/26/2025	16692	3,839.83
JOHNSON, JARED	00048	12/26/2025	16714	2,442.68
JOHNSON, BENJAMIN C	00166	12/26/2025	16616	2,614.11
JUDAH, CHRISTOPHER M	00439	12/26/2025	16674	157.32
JUDD, CHAD A	00450	12/26/2025	16675	1,628.91
KASS, JACOB R	00641	12/26/2025	16617	2,444.46
KELCHNER, GRACIE	00647	12/26/2025	16585	2,835.05
KELLER, DANIEL W	00211	12/26/2025	16667	2,552.93
KESSLER, SEAN	00634	12/26/2025	16693	3,346.58
KNIGHT, NOAH	00600	12/26/2025	16586	4,295.11
KNIGHT, JAMES WALKER	00585	12/26/2025	16683	2,649.07
KNIGHT, KALEB	00636	12/26/2025	16684	2,628.90
KNIGHT, MICHELLE	00174	12/26/2025	16657	2,167.27
KORLESKI, ROSE	00681	12/26/2025	16723	587.10
KOVACS, RYAN	00384	12/26/2025	16587	5,246.29
LANNING, ADAM	00392	12/26/2025	16668	3,774.64
LEWIS, JOSH R	00338	12/26/2025	16618	3,110.42
LODICO, TREY	00613	12/26/2025	16619	3,220.75
LOVELADY-SMITH, ELIZABET	00653	12/26/2025	16724	1,764.06
LUDWIG, BRITTANY D	00645	12/26/2025	16607	279.68
LUXTON, TOD	00535	12/26/2025	16669	2,589.85
MCDERMOTT, DANIEL W	00038	12/26/2025	16561	118.08
MCDERMOTT, THOMAS	00063	12/26/2025	16562	165.28
MCGILL, MICHAEL	00462	12/26/2025	16637	93.09
MEDINE, JUSTIN	00487	12/26/2025	16676	2,957.49
MERRILL, ADAM	00677	12/26/2025	16694	2,930.38
MESSER, NOAH	00581	12/26/2025	16620	2,423.08
MILLER, RYAN	00540	12/26/2025	16677	1,893.32
MILOS, KRISTOFER	00512	12/26/2025	16650	2,206.73
MISKELL, CJ	00671	12/26/2025	16695	2,969.62
MONTERO, DAVID S	00601	12/26/2025	16621	1,855.35
MOREAU, SENADA	00408	12/26/2025	16588	3,463.52
MORRIS, MANDI R	00168	12/26/2025	16707	1,519.26

Packet: PYPKT01339 - PPE 12.21.25
Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
MUELLER, JESSICA CM	00510	12/26/2025	16678	2,605.99
MULHOLLAND, JAY A	00442	12/26/2025	16696	2,617.84
MUSSELMAN, JEFFREY J	00200	12/26/2025	16679	2,522.27
NAMBO, LUISA	00273	12/26/2025	16589	3,607.13
NAVA, CELESTE	00662	12/26/2025	16725	1,713.71
NAY, WELDON	00644	12/26/2025	16638	1,042.96
NEUENKIRCHEN, RYAN J	00590	12/26/2025	16680	1,788.15
OATES, JAKE	00663	12/26/2025	16639	263.72
OLESON, KHRYSTA	00621	12/26/2025	16726	1,659.33
OLSZEWSKI, ROBIN L	00373	12/26/2025	16590	3,162.22
OLSZEWSKI, BRITTANY	00546	12/26/2025	16566	1,136.28
OWEN, ALISON	00409	12/26/2025	16591	3,542.56
OWEN, TREVOR D	00399	12/26/2025	16592	4,194.93
PAVIA, PETER	00485	12/26/2025	16593	7,195.57
PEARSON, ROGER	00522	12/26/2025	16608	272.30
PEASE, MICHELLE J	00222	12/26/2025	16658	3,049.51
PLAZA, JONATHAN	00524	12/26/2025	16622	1,413.74
POWELL, KORTNEY	00607	12/26/2025	16640	898.37
PREWETT, ZACHARY	00327	12/26/2025	16623	3,740.02
RANGEL, DWAYNE	00455	12/26/2025	16670	1,958.32
RIVERA, ANGEL	00606	12/26/2025	16594	3,605.89
RODABAUGH, AARON C	00213	12/26/2025	16595	5,142.37
ROGDE, ANDREW C	00410	12/26/2025	16697	1,959.68
SALINAS, JAVIER	00538	12/26/2025	16624	1,453.13
SAWLSVILLE, DAVID W	00046	12/26/2025	16625	3,661.23
SAWLSVILLE, CHRISTOPHER	00300	12/26/2025	16641	1,188.89
SCHABACKER, BRAD J	00348	12/26/2025	16651	1,996.69
SESTER, JOSEPH R	00129	12/26/2025	16597	2,137.91
SESTER, CORY	00294	12/26/2025	16596	3,944.00
SHAW-DICKEY, KATHRYN E	00452	12/26/2025	16563	168.08
SILVA, EDGAR Q	00593	12/26/2025	16599	4,322.06
SILVA, BARTOLOME	00586	12/26/2025	16598	3,830.08
SIMMONS, NOAH	00633	12/26/2025	16642	164.80
SMITH, BRIAN	00685	12/26/2025	16698	1,581.61
SORGEA, ASHTIN	00675	12/26/2025	16600	2,658.57
SPEARS, NICHOLAS J	00362	12/26/2025	16652	2,367.51
STARR, GEOFFREY	00495	12/26/2025	16659	2,501.21
SULLIVAN, JAMEY A	00356	12/26/2025	16699	2,715.42
SUNESON, SARA L	00252	12/26/2025	16709	1,608.93
SWANSON, CARMEN	00541	12/26/2025	16601	1,301.30
TESREAU, SAMUEL C	00276	12/26/2025	16661	4,348.23
THOMPSON, JENNIFER R	00364	12/26/2025	16568	3,658.17
TIMM, NATHAN K	00414	12/26/2025	16653	2,098.41
TOLIVER, BLAKE A	00205	12/26/2025	16700	3,542.94
TURCATO, JAMES	00635	12/26/2025	16701	4,350.77
UNDERWOOD, JASON M	00217	12/26/2025	16626	4,677.12
UTECHT, MICHAEL	00493	12/26/2025	16718	519.98
VALDIVIESO, BENJAMIN	00599	12/26/2025	1348	0.00
VANKIRK, COLTON	00496	12/26/2025	16654	2,601.09
VANVICKLE, ZECHARIAH	00548	12/26/2025	16627	2,174.81
VILLALOBOS, EDDIE V	00560	12/26/2025	16655	2,378.98
WARD, CURTIS W	00331	12/26/2025	16662	2,292.00
WATERS, SHANE A	00430	12/26/2025	16685	2,259.48
WEEKS, JOYCE L	00401	12/26/2025	16663	650.48
WILLIS, JODY T	00051	12/26/2025	16628	2,386.84
WINTERTON, RYAN	00627	12/26/2025	16602	4,257.09
WITT, ADAM	00605	12/26/2025	16603	3,577.95
WITTENBERG, MATTHEW E	00282	12/26/2025	16604	4,199.94
WOOLBRIGHT, TYLER	00640	12/26/2025	16605	4,042.01

Packet: PYPKT01339 - PPE 12.21.25
Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
WRIGHT, ABBY	00489	12/26/2025	16606	2,960.84
WYATT, JAKE	00650	12/26/2025	16656	2,317.51
ZICK, BRITTNEY	00571	12/26/2025	16727	2,167.13
			Totals:	**424,702.92**

Rochelle, IL

Payment Register

APPKT04959 - Check Run 12/08/25

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Bank: Allocated Cash - Allocated Cash

Vendor Number	Vendor Name	Total Vendor Amount
	Void	0.00

Payment Type	Payment Number	Payment Date	Payment Amount
**Void Check	219088	12/08/2025	0.00
**Void Check	219101	12/08/2025	0.00
**Void Check	219112	12/08/2025	0.00

Vendor Number	Vendor Name	Total Vendor Amount
06620	AIR ONE EQUIPMENT, INC.	165.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219036	12/08/2025	165.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
229430	Cascade air quality test	12/01/2025	12/01/2025	0.00	165.00

Vendor Number	Vendor Name	Total Vendor Amount
08164	ALTORFER, INC.	6,823.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219037	12/08/2025	6,823.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
WO430078407	YEARLY MAINTENANCE SERVICE ON CAT#13	11/25/2025	11/25/2025	0.00	6,823.00

Vendor Number	Vendor Name	Total Vendor Amount
10663	AMAZON CAPITAL SERVICES	737.79

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219038	12/08/2025	737.79

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1C6F-XQVQ-YYTN	Candy for holiday parade	11/26/2025	11/26/2025	0.00	149.94
1DNN-CRPN-WHRT	UB Office Supplies: Post-it Notes, Batteries, etc.	11/26/2025	11/26/2025	0.00	188.98
1FGN-PVW7-41Y1	USB Cables	11/26/2025	11/26/2025	0.00	4.99
1GMG-XJTT-7CXV	ID Tag Operating	11/27/2025	11/27/2025	0.00	8.95
1JKJ-TL3W-DG3W	Magic mic	11/28/2025	11/28/2025	0.00	44.95
1KF6-GWWF-Y9CD	Toilet Paper For PWD Shop	12/01/2025	12/01/2025	0.00	39.99
1V37-9D7T-17J1	FR Clothing	11/29/2025	11/29/2025	0.00	299.99

Vendor Number	Vendor Name	Total Vendor Amount
00040	ANDERSON PLUMBING & HTG, INC	125.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219039	12/08/2025	125.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121601	Hanging Heater Repair- 700 2nd ave	12/01/2025	12/01/2025	0.00	125.00

Vendor Number	Vendor Name	Total Vendor Amount
01850	ANIXTER, INC	7,061.34

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219040	12/08/2025	7,061.34

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6561250-00	Minor Inventory # 591/1169/ Lugs	10/07/2025	10/07/2025	0.00	2,010.54
6570509-03	200 AMP Insulated Parking Bushing	12/01/2025	12/01/2025	0.00	1,507.00
6615179-00	VMI Tech Labor	12/01/2025	12/01/2025	0.00	3,543.80

Vendor Number	Vendor Name					Total Vendor Amount
00124	AUTO ZONE					62.88
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219041				12/08/2025	62.88
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
02660106827	Squad Wipers	12/02/2025	12/02/2025	0.00	62.88	

Vendor Number	Vendor Name					Total Vendor Amount
00739	BERG-JOHNSON					1,197.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219042				12/08/2025	1,197.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
16645	New electrical service to sign at RITC entrance	11/20/2025	11/20/2025	0.00	1,197.00	

Vendor Number	Vendor Name					Total Vendor Amount
06906	BHMG ENGINEERS					46,406.66
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219043				12/08/2025	46,406.66
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
E02200-A-136	Ritchie to Centerpoint Engineering	11/30/2025	11/30/2025	0.00	21,617.53	
E02201-135	Centerpoint Sub Engineering	11/30/2025	11/30/2025	0.00	16,182.63	
E03422-CM-1003	Ritchie to CHS Line Construction Management	11/30/2025	11/30/2025	0.00	1,877.94	
E03554-140	Environmental Reatainer	11/30/2025	11/30/2025	0.00	4,798.08	
E03612-136	Electric General Services	11/30/2025	11/30/2025	0.00	498.79	
E03646-1003	New Turbine Install	11/30/2025	11/30/2025	0.00	1,431.69	

Vendor Number	Vendor Name					Total Vendor Amount
05568	BOBCAT OF ROCKFORD					6,355.76
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219044				12/08/2025	6,355.76
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
01-313440	Repair to Compact Track Loader	11/28/2025	11/28/2025	0.00	6,355.76	

Vendor Number	Vendor Name					Total Vendor Amount
00843	BONNELL INDUSTRIES INC.					2,378.56
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219045				12/08/2025	2,378.56
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
0224047-IN	Parts For Unit R201	11/25/2025	11/25/2025	0.00	1,300.00	
0224048-IN	Parts For Unit R201	11/25/2025	11/25/2025	0.00	178.56	
0224049-IN	Seat For Unit R202	11/25/2025	11/25/2025	0.00	900.00	

Vendor Number	Vendor Name					Total Vendor Amount
06051	BOUND TREE MEDICAL					105.87
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219046				12/08/2025	105.87
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
86006408	I-gel airways	11/25/2025	11/25/2025	0.00	105.87	

Vendor Number	Vendor Name					Total Vendor Amount
INC1749	BRENTWOOD CONSULTING LLC					5,000.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219047				12/08/2025	5,000.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
15	Prairie State Legal	12/01/2025	12/01/2025	0.00	5,000.00	

Payment Register APPKT0495

Vendor Number	Vendor Name					Total Vendor Amount
02827	CAPITAL ONE - WALMART					181.16
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219048				12/08/2025	181.16
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
1666331089	UB Candy for Trick or Treat & Office Supplies	11/24/2025	11/24/2025	0.00	181.16	

Vendor Number	Vendor Name					Total Vendor Amount
08113	CARUS LLC					7,663.92
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219049				12/08/2025	7,663.92
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
SLS 10124707	HMO	11/26/2025	11/26/2025	0.00	7,663.92	

Vendor Number	Vendor Name					Total Vendor Amount
09112	CINTAS					722.09
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219050				12/08/2025	654.91
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
4251161398	PWD Rags & Rugs	11/25/2025	11/25/2025	0.00	138.28	
4251161411	Mats, Lab Coats, Towels	11/25/2025	11/25/2025	0.00	90.54	
4251161418	Floor Mats/Shop Towels	11/25/2025	11/25/2025	0.00	218.56	
4251540324	Rugs, mops	12/01/2025	12/01/2025	0.00	71.37	
4251540413	Lobby Rug cleaning	12/01/2025	12/01/2025	0.00	84.04	
4251540423	City Hall Mats	12/01/2025	12/01/2025	0.00	52.12	
Check	219051				12/08/2025	67.18
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
5302968602	MEDICINE CABINET RESTOCK	11/14/2025	11/14/2025	0.00	67.18	

Vendor Number	Vendor Name					Total Vendor Amount
02582	CITY OF ROCHELLE/CITY TAX					41,996.86
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219052				12/08/2025	41,996.86
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
113025	UB Rochelle Tax Nov25	11/30/2025	11/30/2025	0.00	41,996.86	

Vendor Number	Vendor Name					Total Vendor Amount
10949	CONDON, JILLIAN					271.94
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219053				12/08/2025	271.94
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
10222025	IPELRA - Mileage & Per Diem	10/22/2025	10/22/2025	0.00	271.94	

Vendor Number	Vendor Name					Total Vendor Amount
03707	CONSERV FS					3,973.54
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219054				12/08/2025	3,973.54
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
131005581	Diesel Fuel For PWD Daily Operations	11/26/2025	11/26/2025	0.00	2,362.33	
131005582	Diesel Fuel For PWD Daily Operations	11/26/2025	11/26/2025	0.00	742.08	
131005583	Diesel Fuel For PWD Daily Operations	11/26/2025	11/26/2025	0.00	869.13	

Vendor Number	Vendor Name					Total Vendor Amount
08942	COOPERATIVE RESPONSE CENTER, INC.					76.04
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219055				12/08/2025	76.04
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
0216408	SCADA Monitoring	11/30/2025	11/30/2025	0.00	76.04	

Payment Register **APPKT0495**

Vendor Number	Vendor Name	Total Vendor Amount
10102	DATA VOICE INTERNATIONAL, INC.	501.38

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219056	12/08/2025	501.38

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
DVIMN0001692	Customer Facing Mobile App/Lineman App	11/30/2025	11/30/2025	0.00	501.38

Vendor Number	Vendor Name	Total Vendor Amount
05884	DENNIS W. MARTINEZ	2,192.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219057	12/08/2025	2,192.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
166-25	Landscaping - 333	11/02/2025	11/02/2025	0.00	190.00
167	City Hall Landscaping	11/02/2025	11/02/2025	0.00	206.00
170	Tech Center Landscaping and Grass Cutting	11/28/2025	11/28/2025	0.00	151.00
174	RR Park Landscaping	11/28/2025	11/28/2025	0.00	116.00
175	2nd St Creek & Southview Lawn Mowing	11/28/2025	11/28/2025	0.00	76.00
176	City Hall Landscaping	11/30/2025	11/30/2025	0.00	1,143.00
178	S 251 & N 251 Welcome Sign Maintenance	11/30/2025	11/30/2025	0.00	310.00

Vendor Number	Vendor Name	Total Vendor Amount
04118	DINGES FIRE COMPANY	412.84

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219058	12/08/2025	412.84

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
79498	Fire gloves	11/26/2025	11/26/2025	0.00	412.84

Vendor Number	Vendor Name	Total Vendor Amount
10450	DRYDON EQUIPMENT, INC.	219.16

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219059	12/08/2025	219.16

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
000373782	Pallet Guide Stem, Fusible Element	12/01/2025	12/01/2025	0.00	219.16

Vendor Number	Vendor Name	Total Vendor Amount
04512	FEHR-GRAHAM & ASSOC.	17,408.14

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219060	12/08/2025	17,408.14

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
134144	Construction Engr svcs for 2025 Transload Yard exp	09/12/2025	09/12/2025	0.00	11,124.64
135635	CIRR crossing safety study along Caron Road	11/14/2025	11/14/2025	0.00	6,218.75
135880	Pocket Park Construction Admin	11/21/2025	11/21/2025	0.00	64.75

Vendor Number	Vendor Name	Total Vendor Amount
03334	FERGUSON WATERWORKS #2516	865.84

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219061	12/08/2025	865.84

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0540931	1.5 x 100 CTS 250 PSI NSF Blue	11/26/2025	11/26/2025	0.00	270.06
1021834	2" PIPING FOR LUBE OIL HEATER #10 ENGINE	11/25/2025	11/25/2025	0.00	595.78

Vendor Number	Vendor Name	Total Vendor Amount
09611	FIEGENSCHUH, JEFFREY	222.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219062	12/08/2025	222.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
12052025	ILCMA DOWNSTATE CHAPTER TRAVEL REIMBURSEMENT	12/05/2025	12/05/2025	0.00	222.50

Payment Register **APPKT0495**

Vendor Number	Vendor Name	Total Vendor Amount
INC1845	FINKBINER EQUIPMENT COMPANY	1,925.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219063	12/08/2025	1,925.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
S14631	Equipment rental for a 5' mill machine used by PW	11/26/2025	11/26/2025	0.00	1,925.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1472	FIREGROUND SUPPLY	162.97

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219064	12/08/2025	162.97

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
37235	Nay duty pants	11/26/2025	11/26/2025	0.00	87.98
37236	Salinas duty pants	11/26/2025	11/26/2025	0.00	74.99

Vendor Number	Vendor Name	Total Vendor Amount
00219	FLOW-TECHNICS, INC	645.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219065	12/08/2025	645.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV25-000245	1st AVE LS - Pump Service	11/05/2025	11/05/2025	0.00	645.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1739	FORD PRO	182.74

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219066	12/08/2025	182.74

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV40691280	Squad GPS	11/30/2025	11/30/2025	0.00	182.74

Vendor Number	Vendor Name	Total Vendor Amount
06609	FRONTIER	2,370.42

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219067	12/08/2025	18.15

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
112725	Monthly Phone Charges Acct# 217-023-0584-032719-5	11/27/2025	11/27/2025	0.00	18.15

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219068	12/08/2025	2,352.27

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111925	Monthly Frontier Charges	11/19/2025	11/19/2025	0.00	2,352.27

Vendor Number	Vendor Name	Total Vendor Amount
10531	FS.COM INC.	3,604.44

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219069	12/08/2025	3,604.44

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IN102511270041	DWDM Mux/Demux Devices	11/27/2025	11/27/2025	0.00	3,604.44

Vendor Number	Vendor Name	Total Vendor Amount
INC1822	GEOTAB USA, INC.	144.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219070	12/08/2025	144.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IN463854	Region 1 GO PLAN	11/30/2025	11/30/2025	0.00	144.00

Vendor Number	Vendor Name	Total Vendor Amount
00493	GROVERS SERVICES, LLC	6,400.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219071	12/08/2025	6,400.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120125	Trimmed/Removed Trees Week of Nov 24th	12/01/2025	12/01/2025	0.00	6,400.00

Vendor Number	Vendor Name	Total Vendor Amount
00246	HACH COMPANY	186.40

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219072	12/08/2025	186.40

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
14772548	Orthophosphate Chemkey	11/25/2025	11/25/2025	0.00	186.40

Vendor Number	Vendor Name	Total Vendor Amount
08060	HEWITT & WAGNER, ATTORNEYS AT LAW	3,750.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219073	12/08/2025	3,750.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120125	Legal	12/01/2025	12/01/2025	0.00	3,750.00

Vendor Number	Vendor Name	Total Vendor Amount
10823	HFS BUREAU OF FISCAL OPERATIONS - GEMT	44,065.13

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219074	12/08/2025	44,065.13

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
GEMTFY26Q1-066	GEMT payment 7/1/25-9/30/25	11/17/2025	11/17/2025	0.00	44,065.13

Vendor Number	Vendor Name	Total Vendor Amount
06754	HINCKLEY SPRINGS	144.39

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219075	12/08/2025	144.39

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
10905047 112725	Water Cooler	11/27/2025	11/27/2025	0.00	144.39

Vendor Number	Vendor Name	Total Vendor Amount
00286	IL MUNICIPAL UTILITIES ASSOC	575.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219076	12/08/2025	575.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
25-11004	November Safety Training - Silica Training	12/01/2025	12/01/2025	0.00	575.00

Vendor Number	Vendor Name	Total Vendor Amount
01737	INTERSTATE BATTERIES OF ROCKFORD	144.45

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219077	12/08/2025	144.45

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
100300664	Battery For Unit R202	11/26/2025	11/26/2025	0.00	144.45

Vendor Number	Vendor Name	Total Vendor Amount
09918	JG UNIFORMS	183.49

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219078	12/08/2025	183.49

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
156033	Vest Carriers	11/26/2025	11/26/2025	0.00	183.49

Vendor Number	Vendor Name	Total Vendor Amount
05282	JOHNSON TRACTOR	101.97

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219079	12/08/2025	101.97

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IR11513	Mowing Head Units	09/29/2025	09/29/2025	0.00	101.97

Vendor Number	Vendor Name	Total Vendor Amount
00342	LAWSON PRODUCTS, INC.	751.62

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219080	12/08/2025	751.62

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9313017963	FLAP WHEELS FOR GRINDER OIL ABSORBING PADS	11/25/2025	11/25/2025	0.00	182.20

9313019501	Shop Supplies	11/25/2025	11/25/2025	0.00	569.42	

Vendor Number 08884 **Vendor Name** LEDCO AMERICA LLC **Total Vendor Amount** 1,800.00

Payment Type Check **Payment Number** 219081 **Payment Date** 12/08/2025 **Payment Amount** 1,800.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
7888	LED Area lights for WWTP	10/07/2025	10/07/2025	0.00	1,800.00

Vendor Number 02095 **Vendor Name** MARTIN & CO EXCAVATING **Total Vendor Amount** 63,191.76

Payment Type Check **Payment Number** 219082 **Payment Date** 12/08/2025 **Payment Amount** 63,191.76

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
20117050	Site Restorations for Parkview, Main/Ave H, 251/38	11/24/2025	11/24/2025	0.00	32,046.10
2025 STEWARD ROAD MULT	2025 Steward Rd Multi use Path Pay Est #4	09/27/2025	09/27/2025	0.00	31,145.66

Vendor Number 01726 **Vendor Name** MIDWEST MAILWORKS, INC **Total Vendor Amount** 437.09

Payment Type Check **Payment Number** 219083 **Payment Date** 12/08/2025 **Payment Amount** 437.09

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
258260	UB Complete Mailroom Service	11/21/2025	11/21/2025	0.00	437.09

Vendor Number 00415 **Vendor Name** NAPA AUTO PARTS ROCHELLE **Total Vendor Amount** 401.78

Payment Type Check **Payment Number** 219084 **Payment Date** 12/08/2025 **Payment Amount** 352.06

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111076	Parts For Unit R201	11/24/2025	11/24/2025	0.00	39.19
111461	Wipers For Plow Trucks	12/01/2025	12/01/2025	0.00	269.88
111539	Tools	12/02/2025	12/02/2025	0.00	42.99

Payment Type Check **Payment Number** 219085 **Payment Date** 12/08/2025 **Payment Amount** 49.72

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111225	Hydfluid	11/26/2025	11/26/2025	0.00	24.86
111427	OIL FOR SNOW PLOW	12/01/2025	12/01/2025	0.00	24.86

Vendor Number INC1526 **Vendor Name** NATIONAL PELRA **Total Vendor Amount** 230.00

Payment Type Check **Payment Number** 219086 **Payment Date** 12/08/2025 **Payment Amount** 230.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
21275	NATIONAL PERLA MEMBERSHIP RENEWAL 2026	12/03/2025	12/03/2025	0.00	230.00

Vendor Number 07379 **Vendor Name** NORTHERN ILLINOIS DISPOSAL SVCS **Total Vendor Amount** 44,710.20

Payment Type Check **Payment Number** 219087 **Payment Date** 12/08/2025 **Payment Amount** 44,710.20

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
24262717T086	Residential Garbage, Recycling and Yardwaste	12/01/2025	12/01/2025	0.00	38,625.96
24262802T086	November Sludge	12/01/2025	12/01/2025	0.00	2,557.62
24262804T086	20yd dumpster- 1015 s caron rd	12/01/2025	12/01/2025	0.00	217.09
24263281T086	Residential Recycling Processing Fees	12/01/2025	12/01/2025	0.00	1,980.00
24263315T086	20yd dumpster- 1030 s 7th st	12/01/2025	12/01/2025	0.00	389.98
24264633T086	WWTP Garbage Service	12/01/2025	12/01/2025	0.00	319.65
24264634T086	4 YD Dumpster- 700 2nd Ave	12/01/2025	12/01/2025	0.00	79.77
24264635T086	Trash removal	12/01/2025	12/01/2025	0.00	64.18
24264636T086	City Hall Recycling	12/01/2025	12/01/2025	0.00	58.18
24264637T086	Monthly Trash Collection Tech Center #450872-012	12/01/2025	12/01/2025	0.00	58.18
24264638T086	Garbage service	12/01/2025	12/01/2025	0.00	58.18
24265562T086	4 YD Dumpster- 1030 S 7th St	12/01/2025	12/01/2025	0.00	106.25

24265928T086	8 YD Dumpster- 700 2nd Ave	12/01/2025	12/01/2025	0.00	195.16

Vendor Number 08891 **Vendor Name** O'REILLY AUTO PARTS **Total Vendor Amount** 102.40

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219089	12/08/2025	102.40

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
4304-161935	Cleaner, Micropads, 10 oz Alupump	11/19/2025	11/19/2025	0.00	69.94
4304-162929	OIL FOR SNOW PLOW	11/30/2025	11/30/2025	0.00	32.46

Vendor Number 09882 **Vendor Name** PHILLIPS, VERONICA **Total Vendor Amount** 6,151.56

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219090	12/08/2025	6,151.56

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1755	City Hall Janitorial	11/01/2025	11/01/2025	0.00	3,013.28
1771	City Hall Janitorial	12/01/2025	12/01/2025	0.00	3,138.28

Vendor Number 08051 **Vendor Name** PJM EIS **Total Vendor Amount** 500.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219091	12/08/2025	500.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
90111825	Subscription Fee for Small Trader	11/26/2025	11/26/2025	0.00	500.00

Vendor Number 06127 **Vendor Name** POMP'S TIRE SERVICE, INC. **Total Vendor Amount** 292.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219092	12/08/2025	292.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
411199838	Squad Tires	11/29/2025	11/29/2025	0.00	292.00

Vendor Number 01154 **Vendor Name** PRESCOTT BROS. FORD **Total Vendor Amount** 190.75

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219093	12/08/2025	190.75

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6234	F20 oil change	12/01/2025	12/01/2025	0.00	190.75

Vendor Number 05622 **Vendor Name** RAILROAD MANAGEMENT CO III LLC **Total Vendor Amount** 458.76

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219094	12/08/2025	458.76

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
539354	License Fee for Railroad Crossing	11/25/2025	11/25/2025	0.00	458.76

Vendor Number 01642 **Vendor Name** RAY O'HERRON CO. INC **Total Vendor Amount** 742.05

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219095	12/08/2025	742.05

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2442662	Uniform Credit	10/31/2025	10/31/2025	0.00	-152.95
2447870	Officer Unifoms	12/01/2025	12/01/2025	0.00	895.00

Vendor Number 00496 **Vendor Name** RK DIXON CO. **Total Vendor Amount** 147.52

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219096	12/08/2025	147.52

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IN6228934	City Hall Copier Contract	12/02/2025	12/02/2025	0.00	147.52

Vendor Number	Vendor Name	Total Vendor Amount
10207	ROCHELLE ACE HARDWARE	1,792.58

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219097	12/08/2025	63.55

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
113025-FIRE2	Building supplies	11/30/2025	11/30/2025	0.00	63.55

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219098	12/08/2025	49.65

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
080187	Building supplies	11/14/2025	11/14/2025	0.00	49.65

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219099	12/08/2025	1,679.38

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
113025-CEMETERY	Fuel Mix For Cemetery	11/30/2025	11/30/2025	0.00	61.85
113025-ELEC DIST	Misc Op Supplies/Small Tools/ Building Supplies	11/30/2025	11/30/2025	0.00	520.22
113025-ELEC GEN	STEEL FOR ROAD SIGN TRAILER AND HEATER THERMOST,	11/30/2025	11/30/2025	0.00	146.54
113025-ENG	Office supplies batteries	11/30/2025	11/30/2025	0.00	88.15
113025-FIRE	De-icer & Ice melt	11/30/2025	11/30/2025	0.00	93.52
113025-POLICE	Operating Supplies Extension cord	11/30/2025	11/30/2025	0.00	22.49
113025-STREETS	Pail Paint & Fasteners For Unit R202	11/30/2025	11/30/2025	0.00	23.84
113025-TECH	Clorox wipes and keys	11/30/2025	11/30/2025	0.00	34.15
113025-TOURISM	Hanging strips, Lightbulbs	11/30/2025	11/30/2025	0.00	61.16
113025-WATER	Galv nipple, elbow, ball valve, towels, tool box	11/30/2025	11/30/2025	0.00	627.46

Vendor Number	Vendor Name	Total Vendor Amount
00596	ROCHELLE MUNICIPAL UTILITIES	80,518.33

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219100	12/08/2025	80,518.33

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
113025	Utilities	11/30/2025	11/30/2025	0.00	80,518.33

Vendor Number	Vendor Name	Total Vendor Amount
INC1418	RUNNINGS SUPPLY INC	291.74

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219102	12/08/2025	134.96

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1226773	sawhorses, ball mount, hitch pin	10/15/2025	10/15/2025	0.00	134.96

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219103	12/08/2025	11.99

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1230365	Mulit use transfer pump-hazmat	10/27/2025	10/27/2025	0.00	11.99

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219104	12/08/2025	144.79

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1238068	Tie Downs For City Hall Christmas Tree	11/21/2025	11/21/2025	0.00	31.96
1239292	Threaded Rod, Bolts	11/25/2025	11/25/2025	0.00	51.69
1239381	Angle Brackets For Rail Fan Bench	11/25/2025	11/25/2025	0.00	17.16
1240989	MIXED GAS FOR SNOWBLOWER	11/29/2025	11/29/2025	0.00	43.98

Vendor Number	Vendor Name	Total Vendor Amount
08023	SYNDEO NETWORKS, INC.	13,556.30

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219105	12/08/2025	13,556.30

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
SN025825	Internet Bandwidth & Voip Trunks	12/01/2025	12/01/2025	0.00	12,874.59
SN025841	Admin Phone Lines	12/01/2025	12/01/2025	0.00	681.71

Vendor Number	Vendor Name	Total Vendor Amount
06794	TDG COMMUNICATIONS, INC.	1,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219106	12/08/2025	1,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
18997	City Website Updates	11/30/2025	11/30/2025	0.00	1,000.00

Vendor Number	Vendor Name	Total Vendor Amount
05866	THE CYPRESS HOUSE	42.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219107	12/08/2025	42.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
112825	Funeral Flowers	11/28/2025	11/28/2025	0.00	42.00

Vendor Number	Vendor Name	Total Vendor Amount
07262	TOTAL WATER TREATMENT SYSTEMS	32.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219108	12/08/2025	32.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0603195	Di Service	11/27/2025	11/27/2025	0.00	32.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1832	TREVIPAY-WALMART	112.84

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219109	12/08/2025	112.84

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
A53B5600	Weekly station supplies	11/26/2025	11/26/2025	0.00	112.84

Vendor Number	Vendor Name	Total Vendor Amount
00991	USA BLUEBOOK	83.99

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219110	12/08/2025	83.99

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV00895423	Filter Paper Grade 2	11/26/2025	11/26/2025	0.00	53.40
INV00896081	Nitrate Standard 10 ppm as N	12/01/2025	12/01/2025	0.00	30.59

Vendor Number	Vendor Name	Total Vendor Amount
01104	VERIZON WIRELESS	6,903.92

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219111	12/08/2025	6,903.92

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6128562770	Monthly Cellphone and iPad Charges	11/15/2025	11/15/2025	0.00	6,824.88
6128989185	Wireless cards	11/20/2025	11/20/2025	0.00	79.04

Vendor Number	Vendor Name	Total Vendor Amount
00637	VILLAGE OF HILLCREST	2,546.48

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219113	12/08/2025	2,546.48

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
113025	UB Hillcrest Tax- Nov25	11/30/2025	11/30/2025	0.00	2,546.48

Vendor Number	Vendor Name	Total Vendor Amount
00663	WESCO RECEIVABLES CORP	3,810.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219114	12/08/2025	3,810.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
426007	CT's 1000:5	11/12/2025	11/12/2025	0.00	3,810.00

Vendor Number	Vendor Name	Total Vendor Amount
01647	WRHL	700.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219115	12/08/2025	700.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
197-00079-0000	Advertising	11/30/2025	11/30/2025	0.00	90.00
197-00080-0000	Advertising	11/30/2025	11/30/2025	0.00	100.00
1996-00126-0007	FCC fee	11/30/2025	11/30/2025	0.00	10.00
1996-00149-0000	Two Ton Food Drive Sponsor	11/23/2025	11/23/2025	0.00	500.00

Payment Register **APPKT0495**

Vendor Number	Vendor Name	Total Vendor Amount
INC1230	XEROX FINANCIAL SERVICES	242.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219116	12/08/2025	242.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
41256591	Dispatch copier lease	11/25/2025	11/25/2025	0.00	242.50

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Allocated Cash	Check	46	21	0.00	117,587.92
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
Allocated Cash	Check	29	17	0.00	39,537.08
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
Allocated Cash	Check	73	40	0.00	292,326.84
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
	Packet Totals:	**148**	**81**	**0.00**	**449,451.84**

Cash Fund Summary

Fund	Name		Amount
91	Cash Allocation		-449,451.84
		Packet Totals:	**-449,451.84**

Rochelle, IL

Payment Register

APPKT04983 - Check Run 12/15/25

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Bank: Allocated Cash - Allocated Cash

Vendor Number	Vendor Name	Total Vendor Amount
	Void	0.00

Payment Type	Payment Number	Payment Date	Payment Amount
**Void Check	219131	12/15/2025	0.00
**Void Check	219222	12/15/2025	0.00

Vendor Number	Vendor Name	Total Vendor Amount
04016	1ST AYD CORPORATION	1,193.29

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219123	12/15/2025	1,193.29

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
PSI833811	Supplies	12/02/2025	12/02/2025	0.00	1,193.29

Vendor Number	Vendor Name	Total Vendor Amount
INC1706	ABES TREE AND LAWN CARE	140.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219124	12/15/2025	140.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
10025	RR Park Snow Removal	11/30/2025	11/30/2025	0.00	140.00

Vendor Number	Vendor Name	Total Vendor Amount
10920	AETNA	677.77

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219125	12/15/2025	677.77

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111825	Beardin, Evelyn	11/18/2025	11/18/2025	0.00	677.77

Vendor Number	Vendor Name	Total Vendor Amount
06535	AIRGAS USA, LLC	533.64

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219126	12/15/2025	533.64

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
5520645917	Oxygen /Argon/ Helium	11/30/2025	11/30/2025	0.00	375.90
5520694236	Oxygen	11/30/2025	11/30/2025	0.00	157.74

Vendor Number	Vendor Name	Total Vendor Amount
02664	ALARM DETECTION SYSTEMS, INC.	278.70

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219127	12/15/2025	278.70

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
147822-1067	Call out for alarm at tech center	12/07/2025	12/07/2025	0.00	278.70

Vendor Number	Vendor Name	Total Vendor Amount
03689	ALL EQUIPMENT, INC.	182.14

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219128	12/15/2025	182.14

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
160944-1	COPPER LONE FOR AIR COMPRESSOR AT PEAKER PLANT	12/01/2025	12/01/2025	0.00	182.14

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Vendor Number	Vendor Name	Total Vendor Amount
08164	ALTORFER, INC.	20,469.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219129	12/15/2025	20,469.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
WO430078525	#18 MEGGER AND FINAL INSPEC FOR EXTENDED WARR	12/02/2025	12/02/2025	0.00	6,823.00
WO430078590	#15 MEGGER AND FINAL INSPEC FOR EXTENDED WARR	12/03/2025	12/03/2025	0.00	6,823.00
WO430078591	#14 MEGGER AND FINAL INSPEC FOR EXTENDED WARR	12/03/2025	12/03/2025	0.00	6,823.00

Vendor Number	Vendor Name	Total Vendor Amount
10663	AMAZON CAPITAL SERVICES	3,073.54

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219130	12/15/2025	3,073.54

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
17CM-7GJQ-1QC9	Ropes/Slings	12/02/2025	12/02/2025	0.00	107.60
17N9-T1L7-7VXG	VOIP Handsets	12/01/2025	12/01/2025	0.00	240.75
19D1-K4NX-1DKL	Printer drums, toner, waste toner	12/26/2025	12/26/2025	0.00	860.83
19PM-RXGN-446K	Steel Cylinder Torch Cart	12/04/2025	12/04/2025	0.00	363.87
1CHR-HCP7-KYXP	Steel Toe Boots - Jeff M	12/09/2025	12/09/2025	0.00	148.72
1KXJ-FGJ9-C6RV	FR Clothing	12/08/2025	12/08/2025	0.00	139.95
1KXJ-FGJ9-FHKW	Boots- Jimmy	12/08/2025	12/08/2025	0.00	404.96
1PL6-CYD4-M31Q	Toilet Paper For PW Bathrooms	12/09/2025	12/09/2025	0.00	54.98
1PL6-CYD4-M6MH	Back Up Cam/Batteries/laser Level	12/09/2025	12/09/2025	0.00	272.94
1QKN-7HCL-L4NF	FR Clothing	12/04/2025	12/04/2025	0.00	-144.00
1QYG-WKWF-TNYF	Parking Curb, Cart, Labels, Paper Plates	12/05/2025	12/05/2025	0.00	298.68
1RXG-FXD3-HKN7	Bathroom light replacement	12/09/2025	12/09/2025	0.00	39.98
1XDW-6C19-3WTF	UB Office Supplies- Bankers Boxes	12/10/2025	12/10/2025	0.00	134.29
1YTQ-LLNW-GRYH	FR Clothing	12/09/2025	12/09/2025	0.00	149.99

Vendor Number	Vendor Name	Total Vendor Amount
INC1042	AMERICAN LEAK DETECTION	1,400.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219132	12/15/2025	1,400.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
11936-1	Leak Detection @ WWTP	12/04/2025	12/04/2025	0.00	700.00
11938-1	Leak Detection at Wiscold and Americold	12/04/2025	12/04/2025	0.00	700.00

Vendor Number	Vendor Name	Total Vendor Amount
04150	AMERICAN PUBLIC WORKS ASSOCIATION	409.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219133	12/15/2025	409.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
000902264	APWA memebership dues	12/10/2025	12/10/2025	0.00	409.00

Vendor Number	Vendor Name	Total Vendor Amount
00040	ANDERSON PLUMBING & HTG, INC	759.22

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219134	12/15/2025	759.22

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121663	Boiler repoairs in Comm Hangar	12/03/2025	12/03/2025	0.00	759.22

Vendor Number	Vendor Name	Total Vendor Amount
01850	ANIXTER, INC	10,450.88

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219135	12/15/2025	10,450.88

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6495085-01	3 Pos wood bracket equipment arm	12/05/2025	12/05/2025	0.00	1,603.90
6537128-02	Link Figure 8 9/16" 30,000 LB	12/02/2025	12/02/2025	0.00	686.40
6604288-00	Quick Splint Pole Kits/Ground Line Repair/Driver	12/02/2025	12/02/2025	0.00	7,340.13
6619231-00	Min Inv # 233/928/1021/1517/1806	12/03/2025	12/03/2025	0.00	820.45

Vendor Number	Vendor Name	Total Vendor Amount
INC1219	ARTLIP AND SONS, INC.	4,745.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219136	12/15/2025	4,745.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
213892	Replace burner control on City Hall/PD boiler	12/03/2025	12/03/2025	0.00	4,745.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1898	BEARDIN, EVELYN	147.21

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219137	12/15/2025	147.21

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111825	Beardin, Evelyn	11/18/2025	11/18/2025	0.00	147.21

Vendor Number	Vendor Name	Total Vendor Amount
07142	BEARROWS, JOHN	67.70

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219138	12/15/2025	67.70

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Cards	12/11/2025	12/11/2025	0.00	20.01
121125-2	Christmas Parade Candy	12/11/2025	12/11/2025	0.00	47.69

Vendor Number	Vendor Name	Total Vendor Amount
INC1899	BEATTY, CHAD	500.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219139	12/15/2025	500.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120825	Adim Tow Reimbursement	12/08/2025	12/08/2025	0.00	500.00

Vendor Number	Vendor Name	Total Vendor Amount
00073	BLACKBURN MFG. CO.	990.40

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219140	12/15/2025	990.40

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IN00200895	Blue and Green Marking Flags	12/08/2025	12/08/2025	0.00	990.40

Vendor Number	Vendor Name	Total Vendor Amount
00843	BONNELL INDUSTRIES INC.	4,268.72

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219141	12/15/2025	4,268.72

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0224313-IN	Plow Parts For Several Plows	12/04/2025	12/04/2025	0.00	1,861.49
0224337-IN	Hyd Pump Solenoid For Unit R201	12/04/2025	12/04/2025	0.00	76.89
0224502-IN	Wipers & Vent Caps For Plow Units R142 & R143	12/09/2025	12/09/2025	0.00	612.73
0224511-IN	Plow Blade Trip For Unit R143	12/09/2025	12/09/2025	0.00	1,717.61

Vendor Number	Vendor Name	Total Vendor Amount
06051	BOUND TREE MEDICAL	292.59

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219142	12/15/2025	292.59

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
86019569	EMS gloves	12/08/2025	12/08/2025	0.00	239.80
86019570	Pulse oximeter	12/08/2025	12/08/2025	0.00	52.79

Vendor Number	Vendor Name	Total Vendor Amount
11017	BROWN'S TIRE SERVICE	171.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219143	12/15/2025	171.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
10648	Tire For Leaf Vac Unit R202	11/17/2025	11/17/2025	0.00	171.50

Vendor Number	Vendor Name	Total Vendor Amount
10355	BRUST, PATRICK	150.15

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219144	12/15/2025	150.15

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
113025	Mileage	12/05/2025	12/05/2025	0.00	150.15

Vendor Number	Vendor Name	Total Vendor Amount
09111	C.C.S. GOLF, LLC	54,492.20

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219145	12/15/2025	19,166.67

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
R2025-21 #1	TIF Reimb. 1st install, 3rd & Final agreement	12/02/2025	12/02/2025	0.00	19,166.67

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219146	12/15/2025	35,325.53

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
R23-106	Jan. 2023 Agreement, 4th and Final Payment	12/02/2025	12/02/2025	0.00	35,325.53

Vendor Number	Vendor Name	Total Vendor Amount
08113	CARUS LLC	3,901.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219147	12/15/2025	3,901.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
SLS 10124805	Carusol at Landfill	12/04/2025	12/04/2025	0.00	3,901.50

Vendor Number	Vendor Name	Total Vendor Amount
INC1904	CHICAGO TITLE TRUST CP TR#46042 FM-3	99,723.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219148	12/15/2025	99,723.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Centerpointe Sub Easement	12/11/2025	12/11/2025	0.00	99,723.00

Vendor Number	Vendor Name	Total Vendor Amount
09112	CINTAS	497.64

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219149	12/15/2025	497.64

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
4251563949	FLOOR MATS AND SHOP RAGS	12/02/2025	12/02/2025	0.00	230.62
4251753829	Mats, Lab Coats, Towels	12/03/2025	12/03/2025	0.00	90.54
4251753917	Floor Mats/Shop Towels	12/03/2025	12/03/2025	0.00	144.50
4251753964	Mats - RR Park	12/03/2025	12/03/2025	0.00	31.98

Vendor Number	Vendor Name	Total Vendor Amount
00759	CITY OF ROCHELLE	4,568.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219150	12/15/2025	4,568.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV02750	November Sludge	12/10/2025	12/10/2025	0.00	4,568.50

Vendor Number	Vendor Name	Total Vendor Amount
03707	CONSERV FS	5,995.76

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219151	12/15/2025	5,995.76

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
131005600	Diesel Fuel For PWD Daily Operations	12/01/2025	12/01/2025	0.00	2,435.31
131005601	Diesel Fuel For PWD Daily Operations	12/01/2025	12/01/2025	0.00	263.64
131005618	Diesel Fuel For PWD Daily Operations	12/02/2025	12/02/2025	0.00	997.07
131005665	Diesel Fuel For PWD Daily Operations	12/08/2025	12/08/2025	0.00	1,668.36
131005666	Diesel Fuel For PWD Daily Operations	12/08/2025	12/08/2025	0.00	631.38

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Vendor Number	Vendor Name	Total Vendor Amount
09673	CORE & MAIN LP	781.84

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219152	12/15/2025	781.84

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
Y187042	Tubing, Clamps, Couplings	11/26/2025	11/26/2025	0.00	781.84

Vendor Number	Vendor Name	Total Vendor Amount
INC1350	CRITICAL REACH, INC	440.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219153	12/15/2025	440.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
4806	Investigation Software	12/05/2025	12/05/2025	0.00	440.00

Vendor Number	Vendor Name	Total Vendor Amount
09522	CROSSROADS MOBILE MAINTENANCE	300.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219154	12/15/2025	300.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
203S4143	PM & Trailer Inspection E43	12/09/2025	12/09/2025	0.00	150.00
203S4144	PM & Trailer Inspection E44	12/09/2025	12/09/2025	0.00	150.00

Vendor Number	Vendor Name	Total Vendor Amount
10826	CULTIVATE GEOSPATIAL SOLUTIONS, LLC	10,416.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219155	12/15/2025	10,416.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
ROCHELLE_Y5_5	Monthly GIS Charges	11/30/2025	11/30/2025	0.00	10,416.00

Vendor Number	Vendor Name	Total Vendor Amount
10102	DATA VOICE INTERNATIONAL, INC.	473.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219156	12/15/2025	473.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
DVIMN0001721	Customer Facing Mobile App	11/30/2025	11/30/2025	0.00	473.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1894	DAUPLER, INC	52,150.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219157	12/15/2025	52,150.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV-001106	UB After Hours Call Service- Mar25 - Feb26	07/10/2025	07/10/2025	0.00	52,150.00

Vendor Number	Vendor Name	Total Vendor Amount
04492	DELL MARKETING L.P.	1,241.81

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219158	12/15/2025	1,241.81

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
10849194594	Admin Dispatch Computer	11/27/2025	11/27/2025	0.00	1,241.81

Vendor Number	Vendor Name	Total Vendor Amount
INC1791	Dougherty, Benjamin	1,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219159	12/15/2025	1,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0000005	Community Video	12/07/2025	12/07/2025	0.00	1,000.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1896	DUO-SAFETY LADDER CORPORATION	185.73

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219160	12/15/2025	185.73

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
498409-000	Dive rope and equipment	11/13/2025	11/13/2025	0.00	185.73

Vendor Number	Vendor Name	Total Vendor Amount
10428	ENTERPRISE FM TRUST	46,336.60

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219161	12/15/2025	46,336.60

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
FBN549733	Squad lease	12/03/2025	12/03/2025	0.00	13,278.02
FBN55006471	Water Rec - Vehicle Lease and Maintenance	12/03/2025	12/03/2025	0.00	12,284.94
FBN5502456	Vehicle Leases	12/03/2025	12/03/2025	0.00	7,723.06
FBN5512491	Engineering vehicles lease and maintenance fee	12/03/2025	12/03/2025	0.00	1,546.70
FBN5512492	Monthly Truck Lease Payment	12/03/2025	12/03/2025	0.00	481.52
FBN5512519	D1 AND D3 TRUCK LEASE	12/03/2025	12/03/2025	0.00	1,713.83
FBN5512547	Water - Vehicle lease and maintenance	12/03/2025	12/03/2025	0.00	2,700.91
FBN5512548	PWD EFM Vehicle Payments	12/03/2025	12/03/2025	0.00	4,976.28
FBN5512680	Cemetery Truck Payment	12/03/2025	12/03/2025	0.00	1,250.69
FBN5512728	CD 2022 Ford F150 Lease and Maint.	12/03/2025	12/03/2025	0.00	380.65

Vendor Number	Vendor Name	Total Vendor Amount
00210	FISCHERS, INC.	358.95

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219162	12/15/2025	358.95

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0759753-001	UB Office Supplies- Paper, Chair for Office	11/28/2025	11/28/2025	0.00	358.95

Vendor Number	Vendor Name	Total Vendor Amount
INC1905	FRANCES L. CAPPEL	20,124.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219163	12/15/2025	20,124.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Centerpointe Sub Easement	12/11/2025	12/11/2025	0.00	20,124.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1903	FRESH FURROW LLC	78,408.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219164	12/15/2025	78,408.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Centerpointe Sub Easement	12/11/2025	12/11/2025	0.00	78,408.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1720	GPS INSIGHT INC	483.74

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219165	12/15/2025	483.74

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV1796167	Street Eagle Pro Plan	12/01/2025	12/01/2025	0.00	483.74

Vendor Number	Vendor Name	Total Vendor Amount
01248	GRAINGER, INC.	2,094.63

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219166	12/15/2025	2,094.63

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9730191567	Electric Ceiling Heater	12/03/2025	12/03/2025	0.00	2,094.63

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Vendor Number	Vendor Name					Total Vendor Amount
00493	GROVERS SERVICES, LLC					6,400.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219167				12/15/2025	6,400.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
120825	Trimmed / Removed Trees Week of Dec 1st	12/08/2025	12/08/2025	0.00	6,400.00	

Vendor Number	Vendor Name					Total Vendor Amount
00246	HACH COMPANY					274.75
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219168				12/15/2025	274.75
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
14733429	Orthophosphate Chemkey	10/28/2025	10/28/2025	0.00	186.40	
14781296	Chlorine Chemkey	12/04/2025	12/04/2025	0.00	88.35	

Vendor Number	Vendor Name					Total Vendor Amount
10256	HAWKINS, INC.					1,658.20
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219169				12/15/2025	1,658.20
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
7272191	Azone 15	12/03/2025	12/03/2025	0.00	1,658.20	

Vendor Number	Vendor Name					Total Vendor Amount
INC1268	HERNANDEZ, AUTUMN					64.13
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219170				12/15/2025	64.13
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
120825	Water Kettles - Christmas Walk	12/08/2025	12/08/2025	0.00	64.13	

Vendor Number	Vendor Name					Total Vendor Amount
INC1901	HERNANDEZ, JAMIE					500.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219171				12/15/2025	500.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
120925	Adim Tow Reimbursement	12/09/2025	12/09/2025	0.00	500.00	

Vendor Number	Vendor Name					Total Vendor Amount
INC1209	HOLCOMB BANK					130,722.63
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219172				12/15/2025	130,722.63
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
120925	Payment 3 of 4 on Holcomb Ln Loan #2150018	12/09/2025	12/09/2025	0.00	130,722.63	

Vendor Number	Vendor Name					Total Vendor Amount
10769	IDEXX DISTRIBUTION, INC					4,529.42
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219173				12/15/2025	4,529.42
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
3189206760	Gamma Irad Colilert-18	11/26/2025	11/26/2025	0.00	4,529.42	

Vendor Number	Vendor Name					Total Vendor Amount
09953	IKANO DSL					250.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219174				12/15/2025	250.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
17366982	Monthly Dial up Payment	12/01/2025	12/01/2025	0.00	250.00	

Vendor Number	Vendor Name	Total Vendor Amount
01168	IL DEPT OF PUBLIC HEALTH	10,532.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219175	12/15/2025	1,376.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
040125	APRIL 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,376.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219176	12/15/2025	1,724.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
030125	MARCH 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,724.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219177	12/15/2025	1,296.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
060125	JUNE 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,296.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219178	12/15/2025	1,304.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
100125	OCTOBER 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,304.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219179	12/15/2025	1,772.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
070125	JULY 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,772.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219180	12/15/2025	684.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
080125	AUGUST 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	684.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219181	12/15/2025	1,320.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
050125	MAY 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,320.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219182	12/15/2025	1,056.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
090125	SEPTEMBER 2025 DEATH CERTIFICATES	12/05/2025	12/05/2025	0.00	1,056.00

Vendor Number	Vendor Name	Total Vendor Amount
08338	IL PUBLIC WORKS MUTUAL AID NETWORK	100.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219183	12/15/2025	100.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
3218	IPWMAN membership dues	12/02/2025	12/02/2025	0.00	100.00

Vendor Number	Vendor Name	Total Vendor Amount
06089	IP COMMUNICATIONS, INC.	299.36

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219184	12/15/2025	299.36

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
3954212	Monthly Voip Charges	12/04/2025	12/04/2025	0.00	299.36

Vendor Number	Vendor Name	Total Vendor Amount
INC1815	JACKSON, SYDNEY	175.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219185	12/15/2025	175.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
103125	Training Reimbursement	10/31/2025	10/31/2025	0.00	175.00

Vendor Number	Vendor Name	Total Vendor Amount
07208	JAMES G. AHLBERG	300.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219186	12/15/2025	300.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2975	LEGAL-RVW POLICE RPRT, CONDUCT HEARINGS, DRFT OF	12/09/2025	12/09/2025	0.00	300.00

Payment Register **APPKT0498**5

Vendor Number	Vendor Name	Total Vendor Amount
05282	JOHNSON TRACTOR	130.68

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219187	12/15/2025	130.68

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IR12267	hydraulic oil and hoses	10/14/2025	10/14/2025	0.00	-383.95
WA19248	Repair K12 saw on Ladder 1	12/05/2025	12/05/2025	0.00	514.63

Vendor Number	Vendor Name	Total Vendor Amount
08198	JSN CONTRACTORS SUPPLY	6,100.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219188	12/15/2025	6,100.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
88169	Suction Hose with Camlock fittings	12/04/2025	12/04/2025	0.00	6,100.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1503	K. HELFRICH TRUCKING LLC	27,015.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219189	12/15/2025	27,015.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
4988	Trucking expense for HMA materials for PW	10/31/2025	10/31/2025	0.00	26,665.00
5096	Move Long Reach Excavator From Ditch Project	12/04/2025	12/04/2025	0.00	350.00

Vendor Number	Vendor Name	Total Vendor Amount
03239	LARGE CAR REBUILDERS, INC.	2,227.12

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219190	12/15/2025	2,227.12

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
18534	New Squad Set Up Stripping	12/08/2025	12/08/2025	0.00	2,227.12

Vendor Number	Vendor Name	Total Vendor Amount
INC1592	LEGACY FIRE APPARATUS	3,032.11

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219191	12/15/2025	3,032.11

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV-21180	E3 ladder rack repair	11/12/2025	11/12/2025	0.00	3,032.11

Vendor Number	Vendor Name	Total Vendor Amount
03434	LEXISNEXIS RISK DATA MANAGEMENT INC.	200.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219192	12/15/2025	200.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1100235125	Report Writing Membership	11/30/2025	11/30/2025	0.00	200.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1453	LODICO, TREY	425.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219193	12/15/2025	425.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111425	LodicoVMO training meal reinbursement	11/14/2025	11/14/2025	0.00	250.00
111725	Lodico paramedic test reimbursement	11/17/2025	11/17/2025	0.00	175.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1536	MARSH & MCLENNAN AGENCY LLC	32,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219194	12/15/2025	32,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
57493	CYBER INSURANCE	12/04/2025	12/04/2025	0.00	32,000.00

Vendor Number	Vendor Name	Total Vendor Amount
02095	MARTIN & CO EXCAVATING	186,573.30

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219195	12/15/2025	183,370.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2025 N.14TH ST STORM SEW	2025 N 14th St Storm Sewer Impr Pay Est #1	12/12/2025	12/12/2025	0.00	183,370.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219196	12/15/2025	3,202.80

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2900	Hotmix	11/24/2025	11/24/2025	0.00	694.96
2900-A	HMA restoration along Steward Rd City RR XING	11/24/2025	11/24/2025	0.00	2,182.12
2900-B	Site Restoration for Water	11/24/2025	11/24/2025	0.00	325.72

Vendor Number	Vendor Name	Total Vendor Amount
INC1293	MATT'S WINDOW CLEANING	225.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219197	12/15/2025	225.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120425	Christmas Lights - RR Park	12/04/2025	12/04/2025	0.00	225.00

Vendor Number	Vendor Name	Total Vendor Amount
00660	MCMASTER-CARR SUPPLY CO	2,025.33

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219198	12/15/2025	2,025.33

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
56434777	NEW HARDWARE FOR #9 AND #10 ENGINE DOOR AND P/	12/05/2025	12/05/2025	0.00	2,025.33

Vendor Number	Vendor Name	Total Vendor Amount
02727	MENARDS - SYCAMORE	1,782.89

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219199	12/15/2025	1,782.89

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
47371	Christmas Decorations for trucks for parade	12/04/2025	12/04/2025	0.00	1,782.89

Vendor Number	Vendor Name	Total Vendor Amount
10297	MERLIN'S GREENHOUSE & FLOWERS	5,525.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219200	12/15/2025	5,525.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
8417	2025 Hanging basket takedown	12/09/2025	12/09/2025	0.00	1,125.00
8418	Watering-McCall Ct Island, 2 Downtown parking lots	12/09/2025	12/09/2025	0.00	4,400.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1653	MESSER, NOAH	213.36

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219201	12/15/2025	213.36

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
102425-A	Messer hazmat tech mileage	10/24/2025	10/24/2025	0.00	213.36

Vendor Number	Vendor Name	Total Vendor Amount
01726	MIDWEST MAILWORKS, INC	8,294.14

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219202	12/15/2025	294.14

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
258394	UB Complete Mailroom Service	11/30/2025	11/30/2025	0.00	294.14

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219203	12/15/2025	8,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120425	UB Prepayment of Postage to Midwest Mailworks	12/04/2025	12/04/2025	0.00	8,000.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1890	MOBILE COMMUNICATIONS AMERICA INC	80.08

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219204	12/15/2025	80.08

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1178000108-1	VHF Helical Antenna (152-174 MHZ)	12/09/2025	12/09/2025	0.00	80.08

Vendor Number	Vendor Name	Total Vendor Amount
INC1703	MONTERO, DAVID	425.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219205	12/15/2025	425.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111425	Montero VMO training meal reinbursement	11/14/2025	11/14/2025	0.00	250.00
111725	Montero paramedic test reimbursement	11/17/2025	11/17/2025	0.00	175.00

Vendor Number	Vendor Name	Total Vendor Amount
04021	MORTON SALT	18,961.17

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219206	12/15/2025	18,961.17

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
5403881689	Salt Stock	12/05/2025	12/05/2025	0.00	18,961.17

Vendor Number	Vendor Name	Total Vendor Amount
01641	MOTOROLA SOLUTIONS - STARCOM	2,119.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219207	12/15/2025	2,119.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9932220251103	Radio Maintenance	12/01/2025	12/01/2025	0.00	2,119.00

Vendor Number	Vendor Name	Total Vendor Amount
08192	MR. OUTHOUSE	600.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219208	12/15/2025	600.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
11169	port a pots	11/28/2025	11/28/2025	0.00	600.00

Vendor Number	Vendor Name	Total Vendor Amount
00415	NAPA AUTO PARTS ROCHELLE	873.02

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219209	12/15/2025	44.02

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111999	White Paint Marker/ Gas Can/ Transmission Fluid	12/09/2025	12/09/2025	0.00	44.02

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219210	12/15/2025	829.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111584	Hydraulic Hose For Unit R120	12/03/2025	12/03/2025	0.00	139.15
111656	Loader Wiper Blade	12/03/2025	12/03/2025	0.00	43.99
111709	Exhaust Pipe For Unit R120	12/04/2025	12/04/2025	0.00	443.88
111713	Blend Door Motor For Unit R120	12/04/2025	12/04/2025	0.00	60.99
111720	Borescope	12/04/2025	12/04/2025	0.00	140.99

Vendor Number	Vendor Name	Total Vendor Amount
01659	NICOR	6,163.04

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219211	12/15/2025	6,163.04

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
00874710007-120825	NICOR GAS FOR MAIN PLANT ENGINES	12/08/2025	12/08/2025	0.00	288.55
04965710009-120525	FBO Office heat	12/05/2025	12/05/2025	0.00	122.21
05319320346-120425	Commercial Heat 11/4-12/1	12/04/2025	12/04/2025	0.00	493.37
10355890327-120525	nicor maintenace shop	12/05/2025	12/05/2025	0.00	268.25
10874710006-120525	NICOR GAS FOR MAIN PLANT HEATERS	12/05/2025	12/05/2025	0.00	1,505.83
42790561023-121025	nicor pro shop	12/10/2025	12/10/2025	0.00	170.78

47219432557-120525	Comm Hangar Heat	12/05/2025	12/05/2025	0.00	204.98
54366517156-120425	1030 S. 7th Rear - Gas	12/04/2025	12/04/2025	0.00	607.22
56487616288-120425	RR Park	12/04/2025	12/04/2025	0.00	101.95
64574710006-120325	NICOR GAS FOR PEAKER PLANT	12/03/2025	12/03/2025	0.00	286.88
66451410006-120525	888 Treatment Plant Rd - Gas	12/05/2025	12/05/2025	0.00	2,113.02

Vendor Number INC1902 **Vendor Name** NOGGLE FAMILY LIMITED PARTNERSHIP **Total Vendor Amount** 188,404.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219212	12/15/2025	122,740.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Centerpointe Sub Easement	12/11/2025	12/11/2025	0.00	122,740.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219213	12/15/2025	65,664.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125-2	Centerpointe Sub Easement	12/11/2025	12/11/2025	0.00	65,664.00

Vendor Number 08102 **Vendor Name** NORTHERN IL AMBULANCE BILLING, INC. **Total Vendor Amount** 10,539.43

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219214	12/15/2025	10,539.43

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
20125-11	Nov. ambulance billing payment	12/01/2025	12/01/2025	0.00	10,539.43

Vendor Number 02923 **Vendor Name** OGLE COUNTY GIS **Total Vendor Amount** 4,913.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219215	12/15/2025	4,913.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2026-5	2026 Ogle County Partnership Payment	12/01/2025	12/01/2025	0.00	4,913.00

Vendor Number 08072 **Vendor Name** OSF ST ANTHONY MEDICAL CENTER **Total Vendor Amount** 600.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219216	12/15/2025	600.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
10300-210	PHTLS recert class	11/25/2025	11/25/2025	0.00	600.00

Vendor Number 08085 **Vendor Name** PEASE, MICHELLE **Total Vendor Amount** 28.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219217	12/15/2025	28.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111325	Mileage	11/13/2025	11/13/2025	0.00	28.00

Vendor Number 09882 **Vendor Name** PHILLIPS, VERONICA **Total Vendor Amount** 100.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219218	12/15/2025	100.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120525	UB Cookies for Christmas Walk	12/05/2025	12/05/2025	0.00	100.00

Vendor Number 09332 **Vendor Name** POLLARD WATER **Total Vendor Amount** 407.09

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219219	12/15/2025	407.09

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0301676	Weave grip	12/02/2025	12/02/2025	0.00	407.09

Vendor Number	Vendor Name	Total Vendor Amount
08461	POWER SYSTEM ENGINEERING, INC.	900.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219220	12/15/2025	900.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9061720	General Distribution and SCADA	12/04/2025	12/04/2025	0.00	900.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1505	PROSCREENING	3,979.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219221	12/15/2025	3,979.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
219875-3	PRE EMPLOYMENT SCREENING & MVR	02/15/2025	02/15/2025	0.00	491.50
222764-3	PRE EMPLOYMENT SCREENING & MVR	03/15/2025	03/15/2025	0.00	72.00
227303-3	PRE EMPLOYMENT SCREENING & MVR	04/15/2025	04/15/2025	0.00	440.00
228842-3	PRE EMPLOYMENT SCREENING & MVR	05/01/2025	05/01/2025	0.00	72.00
230485-3	PRE EMPLOYMENT SCREENING & MVR	05/15/2025	05/15/2025	0.00	72.00
233602-3	PRE EMPLOYEMNT SCREENING & MVR	06/15/2025	06/15/2025	0.00	144.00
235169-3	PRE EMPLOYEMNT SCREENING & MVR	06/30/2025	06/30/2025	0.00	144.00
239837-3	PRE EMPLOYEMNT SCREENING & MVR	08/15/2025	08/15/2025	0.00	87.00
241307-3	PRE EMPLOYMENT SCREENING & MVR	08/31/2025	08/31/2025	0.00	72.00
250418-3	ANNUAL MVR REPORT	11/30/2025	11/30/2025	0.00	2,385.00

Vendor Number	Vendor Name	Total Vendor Amount
01642	RAY O'HERRON CO. INC	1,790.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219223	12/15/2025	1,790.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2449105	New Officer Uniforms	12/05/2025	12/05/2025	0.00	895.00
2449106	New Officer Uniforms	12/05/2025	12/05/2025	0.00	895.00

Vendor Number	Vendor Name	Total Vendor Amount
02199	RAYNOR DOOR AUTHORITY	1,170.94

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219224	12/15/2025	1,170.94

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
138016	Replaced Streets Broken Garage Door Springs	11/30/2025	11/30/2025	0.00	1,170.94

Vendor Number	Vendor Name	Total Vendor Amount
10114	REDFORD DATA SERVICES LLC	1,129.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219225	12/15/2025	1,129.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
511	SCADA Services - WWTP, Well 8	12/08/2025	12/08/2025	0.00	1,129.50

Vendor Number	Vendor Name	Total Vendor Amount
INC1897	RHOMAR INDUSTRIES, INC	491.86

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219226	12/15/2025	491.86

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
109343	For Downtown Snow Removal	12/05/2025	12/05/2025	0.00	491.86

Vendor Number	Vendor Name	Total Vendor Amount
10207	ROCHELLE ACE HARDWARE	125.90

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219227	12/15/2025	125.90

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
113025-GOLF	oil,flags,salt	11/30/2025	11/30/2025	0.00	125.90

Vendor Number	Vendor Name	Total Vendor Amount
00508	ROCHELLE COMMUNITY HOSPITAL	655.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219228	12/15/2025	655.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
00010935-00	PHYSICALS & VACCINES	11/30/2025	11/30/2025	0.00	655.00

Vendor Number	Vendor Name	Total Vendor Amount
02241	ROCHELLE JANITORIAL SUPPLY	89.41

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219229	12/15/2025	89.41

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120425-1	UB Office Supplies- Trash Bags	12/04/2025	12/04/2025	0.00	89.41

Vendor Number	Vendor Name	Total Vendor Amount
01734	ROCHELLE VETERINARY HOSPITAL	390.40

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219230	12/15/2025	390.40

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
190133	Police K9 Vet Bill	12/01/2025	12/01/2025	0.00	390.40

Vendor Number	Vendor Name	Total Vendor Amount
11047	ROSS ELECTRIC, INC.	19,211.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219231	12/15/2025	19,211.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
29758	Milbank CT Cabinet Purchase/install Spring Lake	08/20/2025	08/20/2025	0.00	11,245.50
29883	Meter/Cabinet Install and Relocation Spring Lake	10/27/2025	10/27/2025	0.00	4,784.50
29957	Light replacement and dimming Mayors office	12/08/2025	12/08/2025	0.00	1,213.50
29959	Electric and networking due to PD office relocate	12/09/2025	12/09/2025	0.00	1,967.50

Vendor Number	Vendor Name	Total Vendor Amount
INC1418	RUNNINGS SUPPLY INC	862.98

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219232	12/15/2025	862.98

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1224558	Airport Wind Sock	10/08/2025	10/08/2025	0.00	51.77
1241632	Applicator Pads, Gloves	12/01/2025	12/01/2025	0.00	38.95
1241657	Supplies	12/01/2025	12/01/2025	0.00	149.98
1241658	Work Clothing For Cale Faber	12/01/2025	12/01/2025	0.00	159.97
1241825	AIR TIRES FOR TOOL BOX	12/01/2025	12/01/2025	0.00	125.94
1242109	Salt Spreader	12/02/2025	12/02/2025	0.00	160.00
1242431	36" Squeegee / 60" Broom Handle	12/03/2025	12/03/2025	0.00	39.98
1242481	Diesel Lubricator treatment 64 oz	12/03/2025	12/03/2025	0.00	129.90
1243216	WD 40 Smart Straw 8 OZ	12/05/2025	12/05/2025	0.00	6.49

Vendor Number	Vendor Name	Total Vendor Amount
INC1027	SALINAS, JAVIER	425.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219233	12/15/2025	425.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111425	Salinas VMO training meal reinbursement	11/14/2025	11/14/2025	0.00	250.00
111725	Salinas paramedic test reimbursement	11/17/2025	11/17/2025	0.00	175.00

Vendor Number	Vendor Name	Total Vendor Amount
00294	SECURITY LOCK INC.	231.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219234	12/15/2025	231.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
18520	Office Locks changed	12/04/2025	12/04/2025	0.00	231.00

Payment Register **APPKT0498 5**

Vendor Number	Vendor Name					Total Vendor Amount
04837	SNI SOLUTIONS					7,875.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219235				12/15/2025	7,875.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
143284	BioMelt Deicing agent for RITC Transload PCC pavt	12/09/2025	12/09/2025	0.00	7,875.00	

Vendor Number	Vendor Name					Total Vendor Amount
03263	TALLMAN EQUIPMENT COMPANY, INC.					1,427.22
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219236				12/15/2025	1,427.22
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
3455949	Milwaukee Batteries	12/09/2025	12/09/2025	0.00	1,427.22	

Vendor Number	Vendor Name					Total Vendor Amount
INC1895	THOR POLETEST LIMITED					15,122.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219237				12/15/2025	15,122.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
INV-0205	Pole Test 24month Subscription/Pole test kit	11/28/2025	11/28/2025	0.00	15,122.00	

Vendor Number	Vendor Name					Total Vendor Amount
04522	TURNER, DEBBIE					1,940.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219238				12/15/2025	1,940.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
2875	JANITORIAL SERVICES	12/07/2025	12/07/2025	0.00	1,940.00	

Vendor Number	Vendor Name					Total Vendor Amount
09891	UMB BANK NA					693,471.88
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219239				12/15/2025	53,371.88
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
ROCB-110425	Airport Bond Principal & Interest Paymentl	11/04/2025	11/04/2025	0.00	53,371.88	
Check	219240				12/15/2025	640,100.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
ROC8-110425	CIP Bond Principal & Interest	11/04/2025	11/04/2025	0.00	640,100.00	

Vendor Number	Vendor Name					Total Vendor Amount
00623	UNITED LABORATORIES					283.88
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219241				12/15/2025	283.88
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
INV449807	AIR FRESHENER	12/03/2025	12/03/2025	0.00	283.88	

Vendor Number	Vendor Name					Total Vendor Amount
00991	USA BLUEBOOK					4,594.43
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219242				12/15/2025	4,594.43
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
INV00892215	Hydrant Sampling Adapter	11/21/2025	11/21/2025	0.00	519.90	
INV00892512	Vacu-Guard Filter, Glass Fiber Filter, Filter Pape	11/21/2025	11/21/2025	0.00	656.12	
INV00894544	Nitrogen-Nitrate test, Fluoride Reagent, Broth	11/25/2025	11/25/2025	0.00	731.32	
INV009002053	Aluminum Dishes, Disposable Pipet, Electrode Clean	12/05/2025	12/05/2025	0.00	651.37	
INV00900524	3/8' x 100 ft replacement cable	12/04/2025	12/04/2025	0.00	292.46	
INV00901759	3/4 Line Puller Kit	12/05/2025	12/05/2025	0.00	1,743.26	

Payment Register **APPKT0498 5**

Vendor Number	Vendor Name	Total Vendor Amount
00927	VILLAGE OF CRESTON	12,700.69

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219243	12/15/2025	12,700.69

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120925	3rd Qtr. 2025 Rochelle Waste Disposal Fees	12/09/2025	12/09/2025	0.00	12,700.69

Vendor Number	Vendor Name	Total Vendor Amount
INC1607	WARNING LITES OF SOUTHERN ILLINOIS	3,502.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219244	12/15/2025	3,502.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
40065	Signs, Posts, Etc.	12/04/2025	12/04/2025	0.00	3,502.00

Vendor Number	Vendor Name	Total Vendor Amount
01647	WRHL	1,157.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219245	12/15/2025	1,157.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
653-00060-0007	radio ad	11/30/2025	11/30/2025	0.00	416.00
653-00061-0007	online ad	11/30/2025	11/30/2025	0.00	10.00
653-00069-0000	radio ad	11/20/2025	11/20/2025	0.00	416.00
653-00071-0000	radio ad	11/30/2025	11/30/2025	0.00	225.00
653-00072-0000	radio ad	11/30/2025	11/30/2025	0.00	90.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1900	YSI INC	1,856.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219246	12/15/2025	1,856.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1176801	Prosolo Handheld ODO	11/13/2025	11/13/2025	0.00	1,856.00

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Allocated Cash	Check	198	107	0.00	1,152,899.05
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
Allocated Cash	Check	19	15	0.00	723,144.14
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
	Packet Totals:	**217**	**124**	**0.00**	**1,876,043.19**

Cash Fund Summary

Fund	Name		Amount
91	Cash Allocation		-1,876,043.19
		Packet Totals:	**-1,876,043.19**

Rochelle, IL

Payment Register

APPKT05040 - Check Run 12/30/25 CN

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Bank: Allocated Cash - Allocated Cash

Vendor Number	Vendor Name	Total Vendor Amount
	Void	0.00

Payment Type	Payment Number	Payment Date	Payment Amount
**Void Check	219265	12/30/2025	0.00
**Void Check	219266	12/30/2025	0.00
**Void Check	219291	12/30/2025	0.00
**Void Check	219326	12/30/2025	0.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1889	926 CRAFTED APPAREL	330.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219261	12/30/2025	330.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
001751	HOLIDAY GIFT - STOCKING CAPS	12/11/2025	12/11/2025	0.00	330.00

Vendor Number	Vendor Name	Total Vendor Amount
06620	AIR ONE EQUIPMENT, INC.	20.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219262	12/30/2025	20.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
230008	SCBA Decon	12/12/2025	12/12/2025	0.00	20.00

Vendor Number	Vendor Name	Total Vendor Amount
06535	AIRGAS USA, LLC	1,210.62

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219263	12/30/2025	1,210.62

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
5520630814	Argon/Nitrogen	11/30/2025	11/30/2025	0.00	459.60
9167502288	Oxygen	12/10/2025	12/10/2025	0.00	751.02

Vendor Number	Vendor Name	Total Vendor Amount
10663	AMAZON CAPITAL SERVICES	6,941.92

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219264	12/30/2025	6,941.92

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1196-T6LK-KJMG	Worker Clothing- Cold Weather Base layers	12/19/2025	12/19/2025	0.00	128.48
11FC-43G9-QKW7	Council Chambers Monitors	11/26/2025	11/26/2025	0.00	299.00
11FY-DLDY-3KPR	Heavy Duty Coil Spring for Ram Trucks	12/22/2025	12/22/2025	0.00	300.30
13C3-4DNV-MXGY	Winter hat	12/14/2025	12/14/2025	0.00	-7.99
13F4-QQNJ-DC76	Solid Waste Equipment, Tools And Supplies	12/23/2025	12/23/2025	0.00	456.09
13Q6-N13Y-JJ7F	Various Office Supplies	12/11/2025	12/11/2025	0.00	57.08
13WL-F9N7-LRVQ	UB Office Supplies- Bankers Boxes	12/10/2025	12/10/2025	0.00	110.47
1634-46P6-HYXC	Towels, Date Stamp	12/21/2025	12/21/2025	0.00	56.02
199N-66RJ-DPQP	Cleaning Supplies Towels and Garbage Bags	12/22/2025	12/22/2025	0.00	71.40
19C4-THX6-DMNQ	Operating Supplies	12/10/2025	12/10/2025	0.00	26.25
1CP6-MNMR-D4F6	Carhartt Storm Defender Loose Fit Heavyweight Bibs	12/11/2025	12/11/2025	0.00	279.98
1F1M-JWJ7-6FVX	FR Clothing	12/23/2025	12/23/2025	0.00	169.99
1FDV-7DCQ-KPYR	Filing Cabinet, calendars, funnel adapter	12/22/2025	12/22/2025	0.00	278.94
1H7M-MD3K-H797	Long Range Binocular/Rangefinder	12/11/2025	12/11/2025	0.00	719.99
1JYG-1NKF-K9Y1	Monitor for Council Chambers	12/10/2025	12/10/2025	0.00	119.71
1KQF-QFH4-93TX	Bluewater Ropes 12" and 24"	12/16/2025	12/16/2025	0.00	107.60
1LL1-6RWY-1DYF	Batteries	12/19/2025	12/19/2025	0.00	89.56
1MFQ-4HT9-KXNG	FR Clothing	12/15/2025	12/15/2025	0.00	169.99

1MLH-NFM1-TXQ3	Office Desk Calendar	12/20/2025	12/20/2025	0.00	29.95
1MPT-VVW9-7HY1	Hydraulic Jack	12/18/2025	12/18/2025	0.00	288.66
1MPT-VVW9-7WMD	Suspension Kit/ Air Lift Kit	12/18/2025	12/18/2025	0.00	878.71
1NL6-4K37-3GHX	Car Wash Brush	12/23/2025	12/23/2025	0.00	57.71
1NPC-LYYY-J6QC	Copier Paper	12/22/2025	12/22/2025	0.00	278.36
1NQ4-CCJG-F9V9	Sanitizer Station	12/11/2025	12/11/2025	0.00	28.99
1P79-F1C9-LX1G	UB Office Suppies- Intercom Speaker & Air Filters	12/10/2025	12/10/2025	0.00	176.06
1PVY-HXFC-LRNV	Chief printer ink	12/10/2025	12/10/2025	0.00	31.89
1QCH-1JTL-96DN	Winter Work Gloves	12/17/2025	12/17/2025	0.00	916.60
1R7L-1VGC-RYRK	AAA Batteries	12/15/2025	12/15/2025	0.00	18.47
1TMT-YNC1-DCGL	FR Clothing	12/10/2025	12/10/2025	0.00	279.90
1V1C-H796-C1MP	Welder Extension Cord	12/14/2025	12/14/2025	0.00	74.48
1V9J-3PMX-FCWQ	Trash Can	12/15/2025	12/15/2025	0.00	13.98
1V9J-3PMX-LH4Q	US Flag/POW MIA Flag	12/15/2025	12/15/2025	0.00	187.10
1VH4-6CGC-6673	12v 6.5 Ah Battery	12/17/2025	12/17/2025	0.00	77.89
1XKW-L93T-3QQQ	Batteries	12/23/2025	12/23/2025	0.00	103.92
1XVG-73MR-RYMY	Council Monitor	12/15/2025	12/15/2025	0.00	66.39

Vendor Number 00040 **Vendor Name** ANDERSON PLUMBING & HTG, INC **Total Vendor Amount** 6,412.48

Payment Type Check **Payment Number** 219267 **Payment Date** 12/30/2025 **Payment Amount** 6,412.48

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120335	Sloan Closet Repair Kit	08/26/2025	08/26/2025	0.00	13.02
120686	New Service at 422 Cherry	09/24/2025	09/24/2025	0.00	888.31
121721	replace musem heating system	12/09/2025	12/09/2025	0.00	3,800.00
121775	Toilet Repair - City Hall	12/11/2025	12/11/2025	0.00	125.00
121799	Urinal Repair	12/12/2025	12/12/2025	0.00	221.40
121872	20x25x5 Furnace Filter	12/18/2025	12/18/2025	0.00	80.00
121887	20x25x5 Furnace Filter	12/18/2025	12/18/2025	0.00	160.00
121912	PW Building Heater Repairs	12/22/2025	12/22/2025	0.00	354.75
121943	Plumbing Inspection	12/23/2025	12/23/2025	0.00	770.00

Vendor Number 01850 **Vendor Name** ANIXTER, INC **Total Vendor Amount** 8,728.38

Payment Type Check **Payment Number** 219268 **Payment Date** 12/30/2025 **Payment Amount** 8,728.38

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6257143-02	4 SOL Lugs	12/16/2025	12/16/2025	0.00	886.15
6527126-00	Penatrox 8 OZ lubricant	12/12/2025	12/12/2025	0.00	197.07
6564862-01	Min Inv # 2244	12/11/2025	12/11/2025	0.00	235.00
6620005-00	1250 Lb 1/2 x300 Poly Tape	12/19/2025	12/19/2025	0.00	533.98
6629363-00	Min Inv #2225	12/16/2025	12/16/2025	0.00	4,931.50
6630694-00	Maj Inv #176/Min Inv # 521/641/1175	12/15/2025	12/15/2025	0.00	1,944.68

Vendor Number INC1219 **Vendor Name** ARTLIP AND SONS, INC. **Total Vendor Amount** 470.00

Payment Type Check **Payment Number** 219269 **Payment Date** 12/30/2025 **Payment Amount** 470.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
216759	Service call no heat City Hall/PD boiler	12/10/2025	12/10/2025	0.00	470.00

Vendor Number 00124 **Vendor Name** AUTO ZONE **Total Vendor Amount** 11.69

Payment Type Check **Payment Number** 219270 **Payment Date** 12/30/2025 **Payment Amount** 11.69

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
02660114818	F20 exhaust part	12/20/2025	12/20/2025	0.00	11.69

Vendor Number	Vendor Name	Total Vendor Amount
02616	BAXTER & WOODMAN, INC.	2,170.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219271	12/30/2025	2,170.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0280524	Local Limits Study	12/18/2025	12/18/2025	0.00	2,170.50

Vendor Number	Vendor Name	Total Vendor Amount
INC1912	BEETER, MCKAYLEE	1,550.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219272	12/30/2025	1,550.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121625	Facade Grant	12/16/2025	12/16/2025	0.00	1,550.00

Vendor Number	Vendor Name	Total Vendor Amount
10416	BELMONTE, ROCIO	493.09

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219273	12/30/2025	493.09

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121825	Rocio Belmonte - Reimbursement for Notary	12/18/2025	12/18/2025	0.00	175.09
121825-2	Rocio Belmonte-Reimbursement Certified Translator	12/18/2025	12/18/2025	0.00	216.00
121825-3	Rocio Belmonte-Reimbursment Certified Translator	12/18/2025	12/18/2025	0.00	102.00

Vendor Number	Vendor Name	Total Vendor Amount
08488	BINGHAM, NANCY	150.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219274	12/30/2025	150.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121725	24/25 RETIREE PARTICIPANT WELLNESS INCENTIVE	12/17/2025	12/17/2025	0.00	150.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1642	BOBCAT OF DIXON	862.70

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219275	12/30/2025	862.70

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
03-314136	Filters & Parts For Unit R149	12/11/2025	12/11/2025	0.00	412.80
03-314229	Filters For Unit R149	12/12/2025	12/12/2025	0.00	309.04
03-314600	Door Parts For Unit R148	12/19/2025	12/19/2025	0.00	140.86

Vendor Number	Vendor Name	Total Vendor Amount
00843	BONNELL INDUSTRIES INC.	19,807.55

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219276	12/30/2025	19,807.55

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0224597-IN	Salt System For Unit R153	12/10/2025	12/10/2025	0.00	11,621.99
0224725-IN	8 ft Steel Plow with harness	12/12/2025	12/12/2025	0.00	8,185.56

Vendor Number	Vendor Name	Total Vendor Amount
06051	BOUND TREE MEDICAL	46.48

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219277	12/30/2025	46.48

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
8603565	Thermometer probe covers	12/22/2025	12/22/2025	0.00	46.48

Vendor Number	Vendor Name	Total Vendor Amount
04449	BRUNS CONSTRUCTION, INC.	8,052.45

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219278	12/30/2025	8,052.45

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
11790	Spring Lake Contamination Clean Up	12/16/2025	12/16/2025	0.00	4,377.45
11791	230 Joanne Lane	12/16/2025	12/16/2025	0.00	3,675.00

Vendor Number	Vendor Name	Total Vendor Amount
02087	BRUSH GROVE DRAINAGE DISTRICT	5,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219279	12/30/2025	5,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1049	2023 Brush Grove Drainage District tax assesment	10/30/2025	10/30/2025	0.00	2,500.00
1063	2024 Brush Grove Drainage District tax assesment	12/17/2025	12/17/2025	0.00	2,500.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1908	BURCH, ADAM	1,399.80

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219280	12/30/2025	1,399.80

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1004	Blasting / Epoxy / Prime	12/11/2025	12/11/2025	0.00	1,399.80

Vendor Number	Vendor Name	Total Vendor Amount
07323	CAPPEL'S COMPLETE CAR CARE	2,433.46

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219281	12/30/2025	2,433.46

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
46626	Tires/Mount/Balance	12/11/2025	12/11/2025	0.00	2,433.46

Vendor Number	Vendor Name	Total Vendor Amount
08113	CARUS LLC	8,900.07

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219282	12/30/2025	8,900.07

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
SLS 10125066	HMO	12/18/2025	12/18/2025	0.00	4,998.57
SLS 10125149	Carusol - Landfill	12/23/2025	12/23/2025	0.00	3,901.50

Vendor Number	Vendor Name	Total Vendor Amount
INC1909	CHUBB	1,506.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219283	12/30/2025	1,506.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121225	Internet Service Provider Policy	12/12/2025	12/12/2025	0.00	1,506.00

Vendor Number	Vendor Name	Total Vendor Amount
09112	CINTAS	3,272.97

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219284	12/30/2025	1,758.60

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
5307606106	Tech Center First Aid Cabinet	12/12/2025	12/12/2025	0.00	103.01
5307606109	MEDICINE CABINET RESTOCK	12/12/2025	12/12/2025	0.00	99.42
5307606111	1st Aid Cabinet Restock/ AED Check	12/12/2025	12/12/2025	0.00	196.17
9348744382	Lifeline AED Agreement	12/17/2025	12/17/2025	0.00	1,360.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219285	12/30/2025	1,514.37

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1906034161	Nitrile Gloves	12/09/2025	12/09/2025	0.00	102.75
4252395799	FLOOR MATS AND SHOP RAGS	12/09/2025	12/09/2025	0.00	230.62
4252558950	PWD Rags & Rugs	12/10/2025	12/10/2025	0.00	138.28
4252558988	Floor Mats/ Shop Towels	12/10/2025	12/10/2025	0.00	144.50
4252558996	Mats, Lab Coats, and Towels	12/10/2025	12/10/2025	0.00	90.54
4253067414	Mops, rugs	12/15/2025	12/15/2025	0.00	71.37
4253165850	FLOOR MATS AND SHOP RAGS	12/16/2025	12/16/2025	0.00	230.62
4253437389	Floor Mats/Shop Towels	12/17/2025	12/17/2025	0.00	184.53
4253437414	Mats, Lab Coats, Towels	12/17/2025	12/17/2025	0.00	90.54
4253857936	FLOOR MATS AND SHOP RAGS	12/22/2025	12/22/2025	0.00	230.62

Vendor Number	Vendor Name	Total Vendor Amount
03124	CITY OF DEKALB	385.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219286	12/30/2025	385.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
25-0006351	Water Testing	12/12/2025	12/12/2025	0.00	385.00

Vendor Number	Vendor Name	Total Vendor Amount
00118	COLONIAL FLOWERS & GIFTS	1,783.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219287	12/30/2025	1,783.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
11925	Christmas Walk Garland	12/04/2025	12/04/2025	0.00	1,620.00
11929	Floral - funeral services	12/04/2025	12/04/2025	0.00	163.00

Vendor Number	Vendor Name	Total Vendor Amount
03707	CONSERV FS	624.06

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219288	12/30/2025	624.06

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
131005682	Fuel For Daily Operations	12/10/2025	12/10/2025	0.00	624.06

Vendor Number	Vendor Name	Total Vendor Amount
00143	CRESCENT ELECTRIC SUPPLY	3,004.87

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219289	12/30/2025	3,004.87

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
S513758589.001	NEW HIGH BAY LIGHTS FOR THE CRANE	12/12/2025	12/12/2025	0.00	690.34
S513759107.001	3" PVC Elbows and 3" PVC Pipe	12/10/2025	12/10/2025	0.00	1,180.60
S513779193.001	3M Super 88 Tape/White Electrical Tape	12/18/2025	12/18/2025	0.00	1,133.93

Vendor Number	Vendor Name	Total Vendor Amount
09522	CROSSROADS MOBILE MAINTENANCE	7,863.71

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219290	12/30/2025	7,863.71

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
203S4116	E17 Lube/Oil/Filter/Aerial Inspection/ Dielectric	12/10/2025	12/10/2025	0.00	1,919.00
203S4119	E9 Lube/Oil/Filter/Dielectric Testing	12/10/2025	12/10/2025	0.00	2,473.18
203S4124	E48 Lube/Oil/Filter	12/10/2025	12/10/2025	0.00	479.34
203S4125	E8 Lube/oil/Filter	12/10/2025	12/10/2025	0.00	545.83
203S4132	E20 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4133	E21 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4134	E22 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4135	E23 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4136	E33 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4137	E34 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4138	E35 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4139	E36 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4140	E37 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4141	E39 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4142	E42 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4145	E49 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4146	E40 Trailer PM	12/10/2025	12/10/2025	0.00	150.00
203S4148	Kubota Backhoe Battery Replace	12/10/2025	12/10/2025	0.00	496.36

Vendor Number	Vendor Name	Total Vendor Amount
02226	CURRAN MATERIALS CO.	3,250.50

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219292	12/30/2025	3,250.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
33905	Cold Patch Stock Pile	12/18/2025	12/18/2025	0.00	3,250.50

Vendor Number	Vendor Name	Total Vendor Amount
04118	DINGES FIRE COMPANY	1,806.37

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219293	12/30/2025	1,806.37

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
80243	Fire Hose	12/22/2025	12/22/2025	0.00	1,806.37

Vendor Number	Vendor Name	Total Vendor Amount
INC1396	DISCOVER DIXON	3,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219294	12/30/2025	3,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2025-0613	Midwest Summit on Leadership	12/18/2025	12/18/2025	0.00	3,000.00

Vendor Number	Vendor Name	Total Vendor Amount
07065	DISH	120.23

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219295	12/30/2025	120.23

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121725	Monthly Dish Services	12/17/2025	12/17/2025	0.00	120.23

Vendor Number	Vendor Name	Total Vendor Amount
01145	DOWNTOWN ROCHELLE ASSOCIATION	75.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219296	12/30/2025	75.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121025	Membership Dues	12/10/2025	12/10/2025	0.00	75.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1837	DPI CONSTRUCTION, INC.	219,328.79

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219297	12/30/2025	219,328.79

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
CNTRT#2-STAGE/RSTRM & F	Contract #2 Stage, Restroom Facility & Parking Lot	12/17/2025	12/17/2025	0.00	219,328.79

Vendor Number	Vendor Name	Total Vendor Amount
03409	ELECTRIC PUMP	590.62

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219298	12/30/2025	590.62

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
033617	Remote Module I/O	08/28/2025	08/28/2025	0.00	590.62

Vendor Number	Vendor Name	Total Vendor Amount
05223	ELSTER SOLUTIONS, LLC	20,399.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219299	12/30/2025	20,399.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
5271738147	Service Contract 1/1/26-12/31/26	12/17/2025	12/17/2025	0.00	20,399.00

Vendor Number	Vendor Name	Total Vendor Amount
09880	EMERGENT RESPIRATORY	314.94

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219300	12/30/2025	314.94

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
251214338	CPAP circuits	12/10/2025	12/10/2025	0.00	314.94

Vendor Number	Vendor Name	Total Vendor Amount
04512	FEHR-GRAHAM & ASSOC.	42,654.84

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219301	12/30/2025	42,654.84

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
136317	Construction Engr svcs for 2025 Transload Yard exp	12/15/2025	12/15/2025	0.00	39,837.59

136361	2025 SAFETY PROGRAM ADDITIONAL SCOPE	12/16/2025	12/16/2025	0.00	2,500.00
136525	CIRR crossing safety study along Caron Road	12/12/2025	12/12/2025	0.00	317.25

Vendor Number 03334 **Vendor Name** FERGUSON WATERWORKS #2516 **Total Vendor Amount** 201.49

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219302	12/30/2025	201.49

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0543112	22/3 SOL UNSH CMR GRAY JKT	12/18/2025	12/18/2025	0.00	101.80
1090921	2 1/2" TO 2" REDUCER FOR #10 OIL HEATER	12/10/2025	12/10/2025	0.00	99.69

Vendor Number 05846 **Vendor Name** FILTRATION CORP OF AMERICA **Total Vendor Amount** 155.76

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219303	12/30/2025	155.76

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
00108630	Grounding wire for fuel island	12/12/2025	12/12/2025	0.00	155.76

Vendor Number 00210 **Vendor Name** FISCHERS, INC. **Total Vendor Amount** 1,570.43

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219304	12/30/2025	1,570.43

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
0759823-001	Filing Cabinets for Finance Director's Office	12/18/2025	12/18/2025	0.00	1,277.00
0760261-001	Copier Contract	12/18/2025	12/18/2025	0.00	52.01
0760293-001	UB Total Copy Plan	12/18/2025	12/18/2025	0.00	116.32
0760294-001	W/WR Copy Plan	12/18/2025	12/18/2025	0.00	45.10
0760295-001	Copy Plan Charge	12/18/2025	12/18/2025	0.00	80.00

Vendor Number 04147 **Vendor Name** FLAGG-ROCHELLE PARK DISTRICT **Total Vendor Amount** 506.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219305	12/30/2025	506.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
756823	REC MEMBERSHIP - HOLIDAY RAFFLE WINNER	12/23/2025	12/23/2025	0.00	506.00

Vendor Number INC1767 **Vendor Name** FLORESS, HEATHER **Total Vendor Amount** 210.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219306	12/30/2025	210.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
001	UB Christmas Walk Cookies	12/05/2025	12/05/2025	0.00	210.00

Vendor Number 07587 **Vendor Name** FUELMAN **Total Vendor Amount** 162.25

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219307	12/30/2025	162.25

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
NP69589129	Truck Scales	12/01/2025	12/01/2025	0.00	162.25

Vendor Number 02324 **Vendor Name** GARRATT-CALLAHAN COMPANY **Total Vendor Amount** 5,607.36

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219308	12/30/2025	5,607.36

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1426645	FORMULA 3340 AND 2530 FOR WATER SYSTEM	09/08/2025	09/08/2025	0.00	5,607.36

Vendor Number	Vendor Name	Total Vendor Amount
03782	GASVODA & ASSOCIATES, INC.	12,422.84

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219309	12/30/2025	12,422.84

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV25MRA0130	Valve Kits	12/11/2025	12/11/2025	0.00	6,422.24
INV25SVC0976QUT	Sampler rebuilt	12/09/2025	12/09/2025	0.00	6,000.60

Vendor Number	Vendor Name	Total Vendor Amount
08833	GLOBALSTAR USA	209.22

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219310	12/30/2025	209.22

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
000000104035450	Orbit 100 Plan	12/16/2025	12/16/2025	0.00	209.22

Vendor Number	Vendor Name	Total Vendor Amount
01754	GORDON FLESCH CO., INC	145.72

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219311	12/30/2025	145.72

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IN15432309	Copy Machine Lease	12/15/2025	12/15/2025	0.00	145.72

Vendor Number	Vendor Name	Total Vendor Amount
00493	GROVERS SERVICES, LLC	12,800.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219312	12/30/2025	12,800.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121525	Trimmed/Removed Trees Week of Dec 8th	12/15/2025	12/15/2025	0.00	6,400.00
122225	Trimmed/ Removed Trees	12/22/2025	12/22/2025	0.00	6,400.00

Vendor Number	Vendor Name	Total Vendor Amount
00246	HACH COMPANY	573.80

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219313	12/30/2025	573.80

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
14789485	Chlorine Chemkey	12/10/2025	12/10/2025	0.00	232.40
14790716	Dissolved Iron Chemkey	12/11/2025	12/11/2025	0.00	72.30
14790717	Dissolved Iron Chemkey	12/11/2025	12/11/2025	0.00	36.15
14791289	Chlorine Chemkey	12/11/2025	12/11/2025	0.00	88.35
14802492	Dissolved Iron Chemkey	12/18/2025	12/18/2025	0.00	72.30
14803881	Dissolved Iron Chemkey	12/19/2025	12/19/2025	0.00	72.30

Vendor Number	Vendor Name	Total Vendor Amount
08878	HAMILTON, MITCH A.	663.92

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219314	12/30/2025	663.92

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121225	youtube tv pro shop	12/12/2025	12/12/2025	0.00	663.92

Vendor Number	Vendor Name	Total Vendor Amount
10256	HAWKINS, INC.	3,810.60

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219315	12/30/2025	3,810.60

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
7278039	Azone 15	12/10/2025	12/10/2025	0.00	1,851.00
7285917	Azone 15	12/17/2025	12/17/2025	0.00	1,959.60

Vendor Number	Vendor Name	Total Vendor Amount
INC1296	HELM TRUCK AND EQUIPMENT	713.38

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219316	12/30/2025	713.38

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
01P29764	Fuel Pump For Unit R123	12/18/2025	12/18/2025	0.00	996.94
01P29886	Credit Return For Fuel Pump Core On Unit R123	12/22/2025	12/22/2025	0.00	-283.56

Vendor Number	Vendor Name	Total Vendor Amount
06754	HINCKLEY SPRINGS	597.79

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219317	12/30/2025	597.79

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
10164186 121525	Water Delivery	12/15/2025	12/15/2025	0.00	444.41
18137527 113025	UB Water Cooler for 333	11/30/2025	11/30/2025	0.00	153.38

Vendor Number	Vendor Name	Total Vendor Amount
10454	HOTSY EQUIPMENT CO.	614.53

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219318	12/30/2025	614.53

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
27216	Hotsy Repair & Maintenance	12/18/2025	12/18/2025	0.00	614.53

Vendor Number	Vendor Name	Total Vendor Amount
01089	HUB-REMSEN PRINT GROUP	551.17

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219319	12/30/2025	551.17

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
13861	Business Cards - PD, Building	12/12/2025	12/12/2025	0.00	316.72
13906	Nonhighway Vehicle Stickers	12/11/2025	12/11/2025	0.00	234.45

Vendor Number	Vendor Name	Total Vendor Amount
01168	IL DEPT OF PUBLIC HEALTH	972.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219320	12/30/2025	972.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121725	IL Department of Public Health - Vital Records D.C	12/17/2025	12/17/2025	0.00	972.00

Vendor Number	Vendor Name	Total Vendor Amount
03285	IL STATE POLICE	27.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219321	12/30/2025	27.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
20251106073	Fingerprinting	11/01/2025	11/01/2025	0.00	27.00

Vendor Number	Vendor Name	Total Vendor Amount
06089	IP COMMUNICATIONS, INC.	5,481.20

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219322	12/30/2025	5,481.20

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
20270	Yearly Mitel Maintenance	12/17/2025	12/17/2025	0.00	5,481.20

Vendor Number	Vendor Name	Total Vendor Amount
06784	J.F. AHERN CO.	451.68

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219323	12/30/2025	451.68

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
781620	Fix of faulty fire alarm at Tech center	12/09/2025	12/09/2025	0.00	451.68

Vendor Number	Vendor Name	Total Vendor Amount
09918	JG UNIFORMS	1,078.48

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219324	12/30/2025	1,078.48

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
156431	Vest Carriers	12/10/2025	12/10/2025	0.00	225.49
156432	Officer Uniforms	12/10/2025	12/10/2025	0.00	305.49
156589	Vest Carrier	12/12/2025	12/12/2025	0.00	335.20
156590	Vest Carrier	12/12/2025	12/12/2025	0.00	212.30

Vendor Number	Vendor Name	Total Vendor Amount
09444	KALEEL'S CLOTHING	6,442.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219325	12/30/2025	6,442.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
112525	FR Clothing	11/25/2025	11/25/2025	0.00	554.00
12-01-25	Ryan Miller - Uniform Allowance	12/01/2025	12/01/2025	0.00	307.00
12-01-25 SFTY GR	Ryan Miller - HiVis/Safety Gear	12/01/2025	12/01/2025	0.00	586.00
120825 B.S.	Worker Clothing Brian	12/08/2025	12/08/2025	0.00	309.00
120825 I.C.	Worker Clothing IVAN	12/08/2025	12/08/2025	0.00	357.00
120925#1	Dan Keller - Clothing Allowance	12/09/2025	12/09/2025	0.00	240.00
120925#2	Dan Keller - Hi VIS	12/09/2025	12/09/2025	0.00	245.00
120925#3	Jeff Musselman - Clothing Allowance	12/09/2025	12/09/2025	0.00	29.00
120925#4	Jeff Musselman - Hi VIS	12/09/2025	12/09/2025	0.00	405.00
121125#1	Chad Judd - Clothing Allowance	12/11/2025	12/11/2025	0.00	69.00
121125#2	Chad Judd - Hi Vis	12/11/2025	12/11/2025	0.00	100.00
121225#1	Kyle Bridgeman - Uniform Allowance	12/12/2025	12/12/2025	0.00	589.00
121225#2	Dwayne Rangel - Hi VIS	12/12/2025	12/12/2025	0.00	385.00
121225#3	Dwayne Rangel - Clothing Allowance	12/12/2025	12/12/2025	0.00	527.00
121925#1	HiViz Zip, Jeans & Hat For Colton Vankirk	12/19/2025	12/19/2025	0.00	205.00
121925#2	Various Work Clothes & Hat For Eddie Villalobos	12/19/2025	12/19/2025	0.00	430.00
121925#3	Various Work Clothes For Nick Spears	12/19/2025	12/19/2025	0.00	508.00
122225	HiViz Long & Short Sleeve Shirts For Erik Crawford	12/22/2025	12/22/2025	0.00	231.00
122325	HiViz Jacket, Coat & Hoodie For Jake Wyatt	12/23/2025	12/23/2025	0.00	366.00

Vendor Number	Vendor Name	Total Vendor Amount
00713	KARA COMPANY, INC.	846.24

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219327	12/30/2025	846.24

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
395340	Suveying/Engineering field supplies & small tools	12/11/2025	12/11/2025	0.00	846.24

Vendor Number	Vendor Name	Total Vendor Amount
10176	KENNAY FARMS DISTILLING	30,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219328	12/30/2025	30,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120125	TIF Reimbursement Per 10/12/21 Agreement	12/01/2025	12/01/2025	0.00	30,000.00

Vendor Number	Vendor Name	Total Vendor Amount
07033	KIRBY CABLE SERVICE INC	1,800.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219329	12/30/2025	1,800.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9573	Water Service repair - 110 E. Ave	12/11/2025	12/11/2025	0.00	1,800.00

Vendor Number	Vendor Name	Total Vendor Amount
07351	KNIGHT, MICHELLE	35.37

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219330	12/30/2025	35.37

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Mileage for Land Banks Board Meeting	12/11/2025	12/11/2025	0.00	35.37

Vendor Number	Vendor Name	Total Vendor Amount
INC1269	LAMPLEY, THOMAS	300.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219331	12/30/2025	300.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121725	24/25 RETIREE PARTICIPANT WELLNESS INCENTIVE	12/17/2025	12/17/2025	0.00	150.00
121725-2	23/24 RETIREE PARTICIPANT WELLNESS INCENTIVE	12/17/2025	12/17/2025	0.00	150.00

Vendor Number	Vendor Name	Total Vendor Amount
10032	LARSON & LARSON BUILDERS, INC.	1,141,194.62

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219332	12/30/2025	287,689.76

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
WELL 8 WATER TREATMENT	Well 8 Pay Application 15	12/05/2025	12/05/2025	0.00	287,689.76

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219333	12/30/2025	853,504.86

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
WELL 8 WATER TREATMENT	Well 8 Pay Application 14	11/14/2025	11/14/2025	0.00	853,504.86

Vendor Number	Vendor Name	Total Vendor Amount
00342	LAWSON PRODUCTS, INC.	1,164.82

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219334	12/30/2025	1,164.82

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9312937056	RESTOCK LAWSON BINS BALL VALVES, BLK PIPE FITTINGS	10/28/2025	10/28/2025	0.00	566.86
9312938744	Safety Glasses	10/28/2025	10/28/2025	0.00	109.68
9313086378	5/16,1/2,5/8,3/4 Stainless Steel Hardware	12/22/2025	12/22/2025	0.00	488.28

Vendor Number	Vendor Name	Total Vendor Amount
08702	LEE COUNTY INDUSTRIAL DEVELOPMENT	8,500.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219335	12/30/2025	8,500.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2514	Economic Development Agreement	12/01/2025	12/01/2025	0.00	8,500.00

Vendor Number	Vendor Name	Total Vendor Amount
07612	LEXIPOL LLC	9,705.58

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219336	12/30/2025	9,705.58

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INVLEX11250164	Policy software	04/01/2025	04/01/2025	0.00	9,705.58

Vendor Number	Vendor Name	Total Vendor Amount
INC1869	LINE-X OF MONTGOMERY	4,028.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219337	12/30/2025	4,028.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
6037	Safety Trailer Line-X Spraying	12/19/2025	12/19/2025	0.00	4,028.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1536	MARSH & MCLENNAN AGENCY LLC	32,099.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219338	12/30/2025	32,099.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
59830	Fire & Police Commissioner Bond - C. Smith	12/12/2025	12/12/2025	0.00	250.00

59844	Fire & Police Commissioner Bond-J. May	12/12/2025	12/12/2025	0.00	250.00
59846	Fire & Police Commissioner Bond-R. Johns	12/12/2025	12/12/2025	0.00	250.00
61929	PREMISES POLLUTION LIABILITY	12/18/2025	12/18/2025	0.00	31,349.00

Vendor Number 10927 **Vendor Name** MCCi, LLC **Total Vendor Amount** 10,732.50

Payment Type Check **Payment Number** 219339 **Payment Date** 12/30/2025 **Payment Amount** 10,732.50

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
PS26501	MCCi, LLC - Laserfiche Records Management Project	12/19/2025	12/19/2025	0.00	5,366.25
PS26570	MCCi, LLC - Laserfiche Records Management Project	12/23/2025	12/23/2025	0.00	5,366.25

Vendor Number 01167 **Vendor Name** MENARDS - CHERRY VALLEY **Total Vendor Amount** 505.88

Payment Type Check **Payment Number** 219340 **Payment Date** 12/30/2025 **Payment Amount** 505.88

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
98857	Paint Liners/Paint Cup/Ice Melt	12/12/2025	12/12/2025	0.00	505.88

Vendor Number 02727 **Vendor Name** MENARDS - SYCAMORE **Total Vendor Amount** 2,891.92

Payment Type Check **Payment Number** 219341 **Payment Date** 12/30/2025 **Payment Amount** 2,891.92

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
47801	3x4 mats, 10G Blu, 10G red, 12G green, screwdriver	12/11/2025	12/11/2025	0.00	1,655.18
47894	PWD Shop Improvement Supplies	12/12/2025	12/12/2025	0.00	937.72
48278	Various Tools, Truck & Building Supplies	12/19/2025	12/19/2025	0.00	299.02

Vendor Number 09877 **Vendor Name** MICHLIG ENERGY, LTD. **Total Vendor Amount** 539.18

Payment Type Check **Payment Number** 219342 **Payment Date** 12/30/2025 **Payment Amount** 539.18

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
197429	188 gallons diesel	12/12/2025	12/12/2025	0.00	539.18

Vendor Number 01726 **Vendor Name** MIDWEST MAILWORKS, INC **Total Vendor Amount** 429.70

Payment Type Check **Payment Number** 219343 **Payment Date** 12/30/2025 **Payment Amount** 429.70

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
258761	UB Complete Mailroom Service	12/19/2025	12/19/2025	0.00	429.70

Vendor Number 04287 **Vendor Name** MILTON PROPANE **Total Vendor Amount** 189.21

Payment Type Check **Payment Number** 219344 **Payment Date** 12/30/2025 **Payment Amount** 189.21

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
U001C429	Propane	12/11/2025	12/11/2025	0.00	189.21

Vendor Number 00028 **Vendor Name** MODERN SHOE SHOP **Total Vendor Amount** 188.99

Payment Type Check **Payment Number** 219345 **Payment Date** 12/30/2025 **Payment Amount** 188.99

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
014871	Work Boots For Nick Spears	12/21/2025	12/21/2025	0.00	188.99

Vendor Number 04021 **Vendor Name** MORTON SALT **Total Vendor Amount** 68,969.38

Payment Type Check **Payment Number** 219346 **Payment Date** 12/30/2025 **Payment Amount** 68,969.38

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
5403894679	Salt Stock	12/10/2025	12/10/2025	0.00	24,980.20

5403897985	Salt Stock	12/11/2025	12/11/2025	0.00	22,870.41
5403901720	Salt Stock	12/12/2025	12/12/2025	0.00	21,118.77

Vendor Number 00415 **Vendor Name** NAPA AUTO PARTS ROCHELLE **Total Vendor Amount** 2,459.59

Payment Type Check **Payment Number** 219347 **Payment Date** 12/30/2025 **Payment Amount** 660.11

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
112178	Splice Connector	12/11/2025	12/11/2025	0.00	7.49
112194	Clamps	12/11/2025	12/11/2025	0.00	9.96
112268	Hilted kit/Motor Oil	12/12/2025	12/12/2025	0.00	179.44
112297	Mobile 10w40/ Hyd Fluid	12/12/2025	12/12/2025	0.00	27.70
112478	Halogen sealed beams, air freshener, blue def 2.5	12/17/2025	12/17/2025	0.00	32.48
112640	12V USB Power Outlet	12/18/2025	12/18/2025	0.00	36.99
112669	Premium Capsules C11	12/19/2025	12/19/2025	0.00	36.29
112824	Oil Filter, Fuel Filter, Coolant Filter, Oil	12/22/2025	12/22/2025	0.00	329.76

Check 219348 12/30/2025 1,799.48

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
111923	Unit R122 Fan Belt Spare & Unit R155 Exhaust Clamp	12/08/2025	12/08/2025	0.00	141.38
111935	Fan Belt For Unit R122	12/08/2025	12/08/2025	0.00	90.29
112248	Brake Parts For Unit R107	12/12/2025	12/12/2025	0.00	797.77
112255	Brake Parts For Unit R107	12/12/2025	12/12/2025	0.00	75.59
112259	Brake Parts For Unit R107	12/12/2025	12/12/2025	0.00	12.99
112263	Brake Parts For Unit R107	12/12/2025	12/12/2025	0.00	199.12
112485	Core Returns For Unit R107 Brake Parts	12/16/2025	12/16/2025	0.00	-110.00
112682	Brake Parts For Unit R107	12/19/2025	12/19/2025	0.00	673.35
112729	Brake Fluid For Unit R107	12/19/2025	12/19/2025	0.00	28.99
112930	Core Return Credit For Unit R107	12/23/2025	12/23/2025	0.00	-110.00

Vendor Number INC1338 **Vendor Name** NATIONAL POWER RODDING **Total Vendor Amount** 90,128.00

Payment Type Check **Payment Number** 219349 **Payment Date** 12/30/2025 **Payment Amount** 90,128.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
SE AREA SANITARY SEWER L	Sewer Lining Engineering	11/12/2025	11/12/2025	0.00	90,128.00

Vendor Number 01659 **Vendor Name** NICOR **Total Vendor Amount** 57.82

Payment Type Check **Payment Number** 219350 **Payment Date** 12/30/2025 **Payment Amount** 57.82

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
INV0004015	Nicor - 850 Lakeview Dr.	12/04/2025	12/04/2025	0.00	57.82

Vendor Number 11016 **Vendor Name** NORTHERN ILLINOIS CPR & FIRST AID **Total Vendor Amount** 1,650.00

Payment Type Check **Payment Number** 219351 **Payment Date** 12/30/2025 **Payment Amount** 1,650.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
25-331	CPR & FIRST AID CLASS	12/16/2025	12/16/2025	0.00	1,650.00

Vendor Number 00440 **Vendor Name** OGLE COUNTY RECORDER **Total Vendor Amount** 430.00

Payment Type Check **Payment Number** 219352 **Payment Date** 12/30/2025 **Payment Amount** 430.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
122225	Plat recordings-Gurler Rd. & Rochelle Hospitality	12/22/2025	12/22/2025	0.00	430.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1419	ORACLE AMERICA INC	1,070.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219353	12/30/2025	1,070.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
102284865	MySQL Subscription	12/18/2025	12/18/2025	0.00	1,070.00

Vendor Number	Vendor Name	Total Vendor Amount
08891	O'REILLY AUTO PARTS	17.81

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219354	12/30/2025	17.81

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
4304-164236	Socket Tool	12/12/2025	12/12/2025	0.00	8.49
4304-164784	WINSHEILD WASHER FLUID FOR TRUCKS	12/18/2025	12/18/2025	0.00	9.32

Vendor Number	Vendor Name	Total Vendor Amount
INC1438	PATRICK, ASHLEY	450.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219355	12/30/2025	450.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
000073	HOLIDAY & WELLNESS CHAIR MASSAGES FOR STAFF	12/18/2025	12/18/2025	0.00	450.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1110	PEST CONTROL CONSULTANTS ILLINOIS	853.65

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219356	12/30/2025	853.65

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
881559	Pest Control Spraying	12/12/2025	12/12/2025	0.00	58.85
883501	Electric Office Pest Control	12/16/2025	12/16/2025	0.00	53.50
884748	UB Pest Control for 333	12/18/2025	12/18/2025	0.00	65.00
884754	Pest control	12/18/2025	12/18/2025	0.00	53.50
884868	Pest Control @ WWTP	12/18/2025	12/18/2025	0.00	69.55
885413	RR Park Pest Control	12/19/2025	12/19/2025	0.00	45.00
885448	Pest Control 1030 S 7th St	12/19/2025	12/19/2025	0.00	160.50
885715	Pest Control at Wells	12/19/2025	12/19/2025	0.00	214.00
886690	Monthly Pest Control Tech Center	12/22/2025	12/22/2025	0.00	133.75

Vendor Number	Vendor Name	Total Vendor Amount
00693	PETTY CASH - POLICE DEPT	88.82

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219357	12/30/2025	88.82

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121025	Command Staff Meeting Petty Cash	12/10/2025	12/10/2025	0.00	67.92
121025 #2	HDMI cable for conference room. Petty Cash	12/10/2025	12/10/2025	0.00	20.90

Vendor Number	Vendor Name	Total Vendor Amount
01603	PITNEY BOWES	186.54

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219358	12/30/2025	186.54

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
3107535397	UB Postage Meter Rental	12/11/2025	12/11/2025	0.00	186.54

Vendor Number	Vendor Name	Total Vendor Amount
PY026	POLICEMEN'S BENEVOLENT LABOR COMMITTEE	713.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219359	12/30/2025	713.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121725	UNION DUES - POLICE	12/17/2025	12/17/2025	0.00	713.00

Vendor Number	Vendor Name	Total Vendor Amount
00214	POLYDYNE INC.	7,590.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219360	12/30/2025	7,590.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1985264	Polymer	12/12/2025	12/12/2025	0.00	7,590.00

Vendor Number	Vendor Name	Total Vendor Amount
06127	POMP'S TIRE SERVICE, INC.	911.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219361	12/30/2025	911.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
411200381	Squad Tires	12/12/2025	12/12/2025	0.00	297.00
411201817	Squad Tires	12/12/2025	12/12/2025	0.00	599.00
411202211	Squad Tires	12/12/2025	12/12/2025	0.00	302.00
4112201353	Squad Tires Credit	12/05/2025	12/05/2025	0.00	-287.00

Vendor Number	Vendor Name	Total Vendor Amount
00554	PRINTING ETC., INC.	205.92

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219362	12/30/2025	205.92

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
25-0267	Admin Fee, Bond Received for Ceased vehicle	12/01/2025	12/01/2025	0.00	205.92

Vendor Number	Vendor Name	Total Vendor Amount
INC1505	PROSCREENING	72.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219363	12/30/2025	72.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
251813-3	PRE EMPLOYMENT BACKGROUND & MVR	12/15/2025	12/15/2025	0.00	72.00

Vendor Number	Vendor Name	Total Vendor Amount
06142	QUEENS TRUCKING & CONSTRUCTION	7,520.80

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219364	12/30/2025	7,520.80

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
36623	823 Lincoln Ave Cut/Remove Sidewalk/Install Stone	10/08/2025	10/08/2025	0.00	1,111.50
36730	921 N 7th St Landscaping	11/04/2025	11/04/2025	0.00	1,513.30
36759	1042 Parkview Dr Landscaping	11/10/2025	11/10/2025	0.00	4,896.00

Vendor Number	Vendor Name	Total Vendor Amount
10839	R.N.O.W., INC.	3,898.91

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219365	12/30/2025	3,898.91

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2025-76480	Sewer Camera mini cam, motor drive, seal kit	08/26/2025	08/26/2025	0.00	3,898.91

Vendor Number	Vendor Name	Total Vendor Amount
10066	RAILWORKS TRACK SERVICES, INC.	41,200.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219366	12/30/2025	41,200.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
CROSSING STEWARD RD #96	Payment application for City RR Xing at Steward Rd	11/30/2025	11/30/2025	0.00	41,200.00

Vendor Number	Vendor Name	Total Vendor Amount
01642	RAY O'HERRON CO. INC	448.28

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219367	12/30/2025	448.28

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2449425	Officer Uniforms	12/09/2025	12/09/2025	0.00	71.99
2450821	Officer Uniforms	12/16/2025	12/16/2025	0.00	161.23

2452123	New Officer Uniforms	12/22/2025	12/22/2025	0.00	215.06

Vendor Number 00496 **Vendor Name** RK DIXON CO. **Total Vendor Amount** 180.10

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219368	12/30/2025	180.10

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
IN6248082	Copier Contract	12/12/2025	12/12/2025	0.00	180.10

Vendor Number 04469 **Vendor Name** ROCHELLE FIRE PENSION FUND **Total Vendor Amount** 15,383.27

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219369	12/30/2025	15,383.27

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
122925	50% Video Gaming Tax Transfer	12/29/2025	12/29/2025	0.00	15,383.27

Vendor Number 00506 **Vendor Name** ROCHELLE IL CHAMBER OF COMMERCE **Total Vendor Amount** 9,600.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219370	12/30/2025	9,600.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
9408	HOLIDAY GIFT FOR STAFF - COMMUNITY CASH	12/18/2025	12/18/2025	0.00	9,600.00

Vendor Number 02241 **Vendor Name** ROCHELLE JANITORIAL SUPPLY **Total Vendor Amount** 398.92

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219371	12/30/2025	398.92

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120425-4	Toilet Paper, Paper Towels, Urinal Screens	12/09/2025	12/09/2025	0.00	272.06
121125-3	Bath Tissue / Black Can Liner	12/11/2025	12/11/2025	0.00	126.86

Vendor Number 04470 **Vendor Name** ROCHELLE POLICE PENSION FUND **Total Vendor Amount** 15,383.27

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219372	12/30/2025	15,383.27

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
122925	50% Video Gaming Tax Transfer	12/29/2025	12/29/2025	0.00	15,383.27

Vendor Number INC1565 **Vendor Name** ROCK VALLEY CONCRETE CUTTING LLC **Total Vendor Amount** 550.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219373	12/30/2025	550.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
09877	Concrete cut - Watermain repair - Lincoln Ave	12/17/2025	12/17/2025	0.00	550.00

Vendor Number INC1914 **Vendor Name** ROCK VALLEY PHYSICAL THERAPY **Total Vendor Amount** 4,725.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219374	12/30/2025	4,725.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
542734-542738	EARLY INTERVENTION	12/15/2025	12/15/2025	0.00	4,725.00

Vendor Number 09888 **Vendor Name** ROCKFORD INDUSTRIAL EQUIPMENT, INC **Total Vendor Amount** 2,827.54

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219375	12/30/2025	2,827.54

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
RSWO01524-1	Cat Forklift - Starting Repair	12/15/2025	12/15/2025	0.00	1,904.02
RSWO01621-1	Reapir Fule Line on Cat Forklift	12/19/2025	12/19/2025	0.00	923.52

Vendor Number	Vendor Name	Total Vendor Amount
INC1418	RUNNINGS SUPPLY INC	1,065.60

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219376	12/30/2025	1,065.60

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
1244618	DEF For Unit R174	12/09/2025	12/09/2025	0.00	12.98
1244654	Lampholder / Heater	12/09/2025	12/09/2025	0.00	28.08
1244740	Blue towels, shop towels, diesel exhaust fluid	12/09/2025	12/09/2025	0.00	61.93
1244943	Brine Pumping Equipment	12/10/2025	12/10/2025	0.00	524.67
1245211	temporary fencing along box culvert headwall	12/11/2025	12/11/2025	0.00	139.99
1245543	PINTLE HITCHES FOR TRUCKS	12/12/2025	12/12/2025	0.00	297.95

Vendor Number	Vendor Name	Total Vendor Amount
07156	SAUK VALLEY MEDIA	1,291.68

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219377	12/30/2025	1,291.68

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
112125	Newsleader Subscription Renewal	11/21/2025	11/21/2025	0.00	139.99
112510219617	Veterans Day, American Hero Ads	11/30/2025	11/30/2025	0.00	269.00
112510225659	Advertising Package	11/30/2025	11/30/2025	0.00	135.00
2272618	2025 14th St Storm Sewer project bid advertisement	09/29/2025	09/29/2025	0.00	443.76
2286009	Public Notice for Stash Holdings Spec Use Cannabis	11/10/2025	11/10/2025	0.00	265.11
2289369	Legal Budget Publishing Fiscal YR 2026	11/30/2025	11/30/2025	0.00	38.82

Vendor Number	Vendor Name	Total Vendor Amount
09737	SCHOENHOLZ, MATT	6,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219378	12/30/2025	6,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
COR202511191	60 Haybales, Delivery & Pickup	11/15/2025	11/15/2025	0.00	6,000.00

Vendor Number	Vendor Name	Total Vendor Amount
02459	SECRETARY OF STATE	20.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219379	12/30/2025	20.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
12/16/25	2022 Notary Fee Reissuance	12/16/2025	12/16/2025	0.00	20.00

Vendor Number	Vendor Name	Total Vendor Amount
00294	SECURITY LOCK INC.	28.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219380	12/30/2025	28.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
18566	Office Door Lock Chnage	12/16/2025	12/16/2025	0.00	28.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1501	SELDAL PROPERTIES	60,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219381	12/30/2025	60,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
122225	TIF Reimb. - Dev. Agreement 6/13/2022	12/22/2025	12/22/2025	0.00	60,000.00

Vendor Number	Vendor Name	Total Vendor Amount
07322	SERVICE CONCEPTS, INC.	2,776.08

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219382	12/30/2025	2,776.08

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
35294	Quaterly Crac unit maintenance	12/10/2025	12/10/2025	0.00	2,776.08

Vendor Number	Vendor Name	Total Vendor Amount
INC1911	SETH VAN BUREN	1,134.45

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219383	12/30/2025	1,134.45

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
870	Unit R143 Plow Repair	12/10/2025	12/10/2025	0.00	1,134.45

Vendor Number	Vendor Name	Total Vendor Amount
INC1226	SIGNSNOW	15,353.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219384	12/30/2025	15,353.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
I-95059	New ground mounted sign at RITC @ Steward Rd	12/19/2025	12/19/2025	0.00	15,353.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1620	SISSON'S TREE SERVICE LLC	9,500.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219385	12/30/2025	9,500.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2883	Dead/Damage City ROW Tree Removals	12/23/2025	12/23/2025	0.00	9,500.00

Vendor Number	Vendor Name	Total Vendor Amount
10732	SOUTHWESTERN ILLINOIS COLLEGE	1,800.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219386	12/30/2025	1,800.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
26127274-121225	Officer Training. Going to try and get reimibursed	12/12/2025	12/12/2025	0.00	1,800.00

Vendor Number	Vendor Name	Total Vendor Amount
10064	SUBLETTE MECHANICAL INC	577.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219387	12/30/2025	577.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
45648	2 Plow Cylinder Rebuilds For Units R119 & R120	12/15/2025	12/15/2025	0.00	577.00

Vendor Number	Vendor Name	Total Vendor Amount
03263	TALLMAN EQUIPMENT COMPANY, INC.	1,730.36

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219388	12/30/2025	1,730.36

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
15424B-1	Fiberglass Hot Arms/basket Rental	12/15/2025	12/15/2025	0.00	954.00
3456441	Youngstown Fleece FR Ground gloves	12/12/2025	12/12/2025	0.00	265.53
3456543	Youngstown Fleece FR Gloves	12/15/2025	12/15/2025	0.00	510.83

Vendor Number	Vendor Name	Total Vendor Amount
06662	THE BLUE LINE	397.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219389	12/30/2025	397.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
48459	Police Now Hiring ads	12/23/2025	12/23/2025	0.00	397.00

Vendor Number	Vendor Name	Total Vendor Amount
05866	THE CYPRESS HOUSE	984.65

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219390	12/30/2025	984.65

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
000372	HOLIDAY PARTY CENTERPIECES - PRIZES	12/17/2025	12/17/2025	0.00	240.00
121725	Outdoor Market Ads	12/17/2025	12/17/2025	0.00	744.65

Vendor Number	Vendor Name					Total Vendor Amount
INC1832	TREVIPAY-WALMART					332.59
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219391				12/30/2025	332.59
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
A3EFADC8	Weekly station supplies	12/12/2025	12/12/2025	0.00	167.73	
A650FAA2	Officer Snacks for xmas week	12/22/2025	12/22/2025	0.00	164.86	

Vendor Number	Vendor Name					Total Vendor Amount
04522	TURNER, DEBBIE					1,940.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219392				12/30/2025	1,940.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
2880	JANITORIAL SERVICES	12/21/2025	12/21/2025	0.00	1,940.00	

Vendor Number	Vendor Name					Total Vendor Amount
09891	UMB BANK NA					636.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219393				12/30/2025	318.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
1031684	ROCB IL Bds Srs 2017 Paying Agent Fee	12/08/2025	12/08/2025	0.00	318.00	
Check	219394				12/30/2025	318.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
1031691	ROCA IL Bds Srs 2017 Paying Agent Fee	12/08/2025	12/08/2025	0.00	318.00	

Vendor Number	Vendor Name					Total Vendor Amount
05320	UNIFORM DEN EAST, INC.					348.86
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219395				12/30/2025	348.86
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
98812	Officer Uniforms	12/09/2025	12/09/2025	0.00	316.36	
99325	Officer Uniforms	12/09/2025	12/09/2025	0.00	32.50	

Vendor Number	Vendor Name					Total Vendor Amount
00991	USA BLUEBOOK					2,774.16
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219396				12/30/2025	2,774.16
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
INV00906423	Hach Phosphate TNT	12/10/2025	12/10/2025	0.00	642.47	
INV00908343	Hach Phosphate TNT	12/12/2025	12/12/2025	0.00	229.90	
INV00910548	Phosphate TNT Set	12/15/2025	12/15/2025	0.00	559.55	
INV00915683	Steel Suction Strainer, SDS Binder, Disposable Tra	12/19/2025	12/19/2025	0.00	422.45	
INV00916443	Fluoride Reagant, Swing Sampler, Filter Funnel	12/22/2025	12/22/2025	0.00	919.79	

Vendor Number	Vendor Name					Total Vendor Amount
03510	UTILITY DYNAMICS CORPORATION					413,462.70
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219397				12/30/2025	413,462.70
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
1219-3419	Ritchie to CHS Line	12/19/2025	12/19/2025	0.00	413,462.70	

Vendor Number	Vendor Name					Total Vendor Amount
INC1807	UW HEALTH					4.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219398				12/30/2025	4.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
2867170	CPR cards	11/22/2025	11/22/2025	0.00	4.00	

Vendor Number	Vendor Name	Total Vendor Amount
INC1913	VALENCIA, ANGELICA	2,550.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219399	12/30/2025	2,550.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
122225	Facade Grant	12/22/2025	12/22/2025	0.00	2,550.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1910	VERATHON INC.	7,464.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219400	12/30/2025	7,464.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
81262613	Glidescope stylets	11/13/2025	11/13/2025	0.00	440.00
81264130	Glidescope units	11/15/2025	11/15/2025	0.00	6,144.00
81266998	Glidescope blades	12/19/2025	12/19/2025	0.00	440.00
81268215	Glidescope blades	11/20/2025	11/20/2025	0.00	440.00

Vendor Number	Vendor Name	Total Vendor Amount
01346	VINCE CARNEY COMMUNITY THEATER	273.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219401	12/30/2025	273.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121125	Facade Grant - adjustment to original payment	12/11/2025	12/11/2025	0.00	273.00

Vendor Number	Vendor Name	Total Vendor Amount
INC1607	WARNING LITES OF SOUTHERN ILLINOIS	21,510.73

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219402	12/30/2025	21,510.73

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
40215	Barricades/Barrels/Cones for Safety Trailer	12/15/2025	12/15/2025	0.00	11,513.50
40299	Senior Van Signs & Hardware	12/19/2025	12/19/2025	0.00	1,252.00
40300	Stock Signs & Parts	12/19/2025	12/19/2025	0.00	4,595.43
40301	Various Construction Signs	12/19/2025	12/19/2025	0.00	4,149.80

Vendor Number	Vendor Name	Total Vendor Amount
00828	WILLETT, HOFMANN & ASSOC., INC	10,341.55

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219403	12/30/2025	10,341.55

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
2022D25	Easement Survey	12/12/2025	12/12/2025	0.00	1,017.40
40199	Hickory Grove survey, preliminary and final plats	12/10/2025	12/10/2025	0.00	4,539.15
40265	Well 13 and Building Engineering	12/17/2025	12/17/2025	0.00	4,785.00

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Allocated Cash	Check	95	49	0.00	1,573,132.50
Allocated Cash	Voided **Void Check	0	2	0.00	0.00
Allocated Cash	Check	59	19	0.00	558,832.70
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
Allocated Cash	Check	185	71	0.00	396,390.55
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
	Packet Totals:	**339**	**143**	**0.00**	**2,528,355.75**

Cash Fund Summary

Fund	Name		Amount
91	Cash Allocation		-2,528,355.75
		Packet Totals:	**-2,528,355.75**

Rochelle, IL

Payment Register

APPKT05044 - Check Run 01/05/26

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Bank: Allocated Cash - Allocated Cash

Vendor Number	Vendor Name					Total Vendor Amount
	Void					0.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
**Void Check	219413				01/05/2026	0.00

Vendor Number	Vendor Name					Total Vendor Amount
08164	ALTORFER, INC.					20,380.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219404				01/05/2026	20,380.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**		**Payable Amount**
WO400049644	EXTENED WARR FOR CAT 14	12/18/2025	12/18/2025	0.00		5,095.00
WO400049645	EXTENED WARR FOR CAT 18	12/18/2025	12/18/2025	0.00		5,095.00
WO400049646	EXTENED WARR FOR CAT 15	12/18/2025	12/18/2025	0.00		5,095.00
WO400049647	EXTENED WARR FOR CAT 13	12/18/2025	12/18/2025	0.00		5,095.00

Vendor Number	Vendor Name					Total Vendor Amount
10817	BETTNER, DANIELLE					75.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219405				01/05/2026	75.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**		**Payable Amount**
123125	CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00		75.00

Vendor Number	Vendor Name					Total Vendor Amount
00540	CARDOTT, CHRIS					40.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219406				01/05/2026	40.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**		**Payable Amount**
123125	CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00		40.00

Vendor Number	Vendor Name					Total Vendor Amount
10949	CONDON, JILLIAN					75.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219407				01/05/2026	75.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**		**Payable Amount**
123125	CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00		75.00

Vendor Number	Vendor Name					Total Vendor Amount
09611	FIEGENSCHUH, JEFFREY					791.88
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219408				01/05/2026	791.88
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**		**Payable Amount**
123125	2025 CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00		791.88

Vendor Number	Vendor Name					Total Vendor Amount
INC1268	HERNANDEZ, AUTUMN					48.67
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219409				01/05/2026	48.67
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**		**Payable Amount**
123125	CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00		48.67

Vendor Number	Vendor Name					Total Vendor Amount
09077	MULHOLLAND, JAY					61.90
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219410				01/05/2026	61.90
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
123125	CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00	61.90	

Vendor Number	Vendor Name					Total Vendor Amount
08085	PEASE, MICHELLE					56.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219411				01/05/2026	56.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
122225	MILEAGE REIMBURSEMENT FOR 2 TRIPS TO OGLE CO.	12/22/2025	12/22/2025	0.00	56.00	

Vendor Number	Vendor Name					Total Vendor Amount
00596	ROCHELLE MUNICIPAL UTILITIES					100,615.82
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219412				01/05/2026	100,615.82
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
123125	Utilities	12/31/2025	12/31/2025	0.00	100,615.82	

Vendor Number	Vendor Name					Total Vendor Amount
04062	TESREAU, SAMUEL					75.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219414				01/05/2026	75.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
123125	DECEMBER CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00	75.00	

Vendor Number	Vendor Name					Total Vendor Amount
05630	THOMPSON, JENNIFER					754.08
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219415				01/05/2026	754.08
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
123125	2025 CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00	754.08	

Vendor Number	Vendor Name					Total Vendor Amount
08076	TOLIVER, BLAKE					75.00
Payment Type	**Payment Number**				**Payment Date**	**Payment Amount**
Check	219416				01/05/2026	75.00
Payable Number	**Description**	**Payable Date**	**Due Date**	**Discount Amount**	**Payable Amount**	
123125	CELL PHONE REIMBURSEMENT	12/31/2025	12/31/2025	0.00	75.00	

Payment Summary

Bank Code	Type	Payable Count	Payment Count	Discount	Payment
Allocated Cash	Check	15	12	0.00	123,048.35
Allocated Cash	Voided **Void Check	0	1	0.00	0.00
	Packet Totals:	**15**	**13**	**0.00**	**123,048.35**

Cash Fund Summary

Fund	Name		Amount
91	Cash Allocation		-123,048.35
		Packet Totals:	**-123,048.35**

Rochelle, IL

Payment Register

'KT04963 - T2 Enterprises Exception Check Run 12/5/25 Per JT MB
01 - Vendor Set 01

Bank: Allocated Cash - Allocated Cash

Vendor Number	Vendor Name	Total Vendor Amount
08019	T2 ENTERPRISES	850.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219117	12/09/2025	850.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
120525	2025 CHRISTMAS WALK CARRIAGE RIDES	12/05/2025	12/05/2025	0.00	850.00

Payment Summary

Bank Code	Type		Payable Count	Payment Count	Discount	Payment
Allocated Cash	Check		1	1	0.00	850.00
		Packet Totals:	**1**	**1**	**0.00**	**850.00**

Cash Fund Summary

Fund	Name		Amount
91	Cash Allocation		-850.00
		Packet Totals:	**-850.00**

Rochelle, IL

Payment Register

APPKT04991 - Exception Run 12/17/25 Anderson & Nextgen TIF
01 - Vendor Set 01

Bank: Allocated Cash - Allocated Cash

Vendor Number	Vendor Name	Total Vendor Amount
04452	ANDERSON, JASON	4,475.80

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219247	12/17/2025	4,475.80

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
121525	HEALTH INSURANCE PREMIUMS PER RETIREMENT CONTI	12/15/2025	12/15/2025	0.00	4,475.80

Vendor Number	Vendor Name	Total Vendor Amount
INC1515	NEXTGEN VENTURES ROCHELLE LLC	50,000.00

Payment Type	Payment Number	Payment Date	Payment Amount
Check	219248	12/17/2025	50,000.00

Payable Number	Description	Payable Date	Due Date	Discount Amount	Payable Amount
12/12/25	TIF Reimbursement Per Dev Agreement 4.10.23	12/12/2025	12/12/2025	0.00	50,000.00

Payment Summary

Bank Code	Type		Payable Count	Payment Count	Discount	Payment
Allocated Cash	Check		2	2	0.00	54,475.80
		Packet Totals:	**2**	**2**	**0.00**	**54,475.80**

Cash Fund Summary

Fund	Name		Amount
91	Cash Allocation		-54,475.80
		Packet Totals:	**-54,475.80**

Rochelle, IL

Council Payroll Check Register
Employee Pay Summary
Pay Period: 12/22/2025-1/4/2026

Packet: PYPKT01341 - PPE 01.04.26
Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
ANATRA, NICK	00508	01/09/2026	16844	2,172.16
ANAYA, PEDRO	00592	01/09/2026	16738	3,942.31
ARTEAGA, ROSAELIA	00536	01/09/2026	1350	168.08
BAKKER, CODY	00539	01/09/2026	16795	859.80
BANESKI, ELVIS	00379	01/09/2026	16739	5,644.62
BEARROWS, JOHN B	00453	01/09/2026	16728	694.56
BECK, JOHN M	00141	01/09/2026	16823	2,359.51
BEERY, RYAN T	00340	01/09/2026	16740	5,663.91
BELMONTE, ROCIO	00423	01/09/2026	16733	1,395.01
BETTNER, DANIELLE	00531	01/09/2026	16871	1,867.08
BJORNEBY, JACOB	00469	01/09/2026	16849	2,486.69
BOEHLE, MATTHEW	00444	01/09/2026	16850	1,705.67
BOEHM, MARK	00556	01/09/2026	16882	2,423.11
BORCHERTS, CODY	00679	01/09/2026	16741	3,115.52
BRASS, NATHANIEL W	00566	01/09/2026	16742	4,703.79
BRIDGEMAN, KYLE C	00478	01/09/2026	16827	2,429.88
BRUST, PATRICK	00490	01/09/2026	16873	3,569.76
BURDIN, JASON E	00263	01/09/2026	16851	3,185.19
CARDOTT, CHRISTINA	00317	01/09/2026	16883	26,144.56
CARLS, TYLER J	00179	01/09/2026	16775	5,096.22
CASSIDY, ZACHARY	00637	01/09/2026	16828	2,498.90
CECH, ERIC T	00393	01/09/2026	16834	1,859.60
CONDON, JILLIAN	00545	01/09/2026	16884	3,832.67
CONE, JUSTIN D	00620	01/09/2026	16743	3,609.53
CONTRERAS, DANTE	00678	01/09/2026	16806	2,140.44
CORTES-AGUILERA, IVAN	00686	01/09/2026	16852	1,488.44
COX, JOHNATHAN M	00616	01/09/2026	16807	2,389.99
COX, CHRISTOPHER T	00446	01/09/2026	16853	2,457.00
CRAWFORD, ERIK L	00123	01/09/2026	16808	2,643.87
CUNNINGHAM, ANDREW R	00027	01/09/2026	16835	2,046.93
DA COSTA, BENJAMIN	00619	01/09/2026	16874	2,125.86
DAUGHERTY, MICHAEL A	00559	01/09/2026	16809	2,225.37
DAVIS, MATTHEW	00664	01/09/2026	16796	952.06
DICKSON, EVAN	00609	01/09/2026	16744	1,547.01
DIMAGGIO, DOMINIC	00676	01/09/2026	16745	3,282.90
DOUGHERTY, KENNETH R	00418	01/09/2026	16776	4,217.19
EDWARDS, BRIAN E	00181	01/09/2026	16777	4,914.11
EVANS, BILLY GREGG	00550	01/09/2026	16797	198.81
FABER, CALE	00617	01/09/2026	16810	2,555.90
FENWICK, NATALIE Z	00428	01/09/2026	16879	617.09
FIEGENSCHUH, JEFFREY	00463	01/09/2026	16736	5,791.43
FLANAGAN, ROBERT H	00383	01/09/2026	16811	1,501.28
FLEMMING, BAILEY H	00639	01/09/2026	16778	2,550.62
FLORES, ARACELI	00612	01/09/2026	16865	1,514.54
FLORESS, HEATHER	00631	01/09/2026	16829	1,666.08
FRANKENBERRY, PHILLIP C	00030	01/09/2026	16746	3,381.15
FULGENCIO, MICKAYA	00577	01/09/2026	16866	1,148.92
GILLIAM, JAMES R	00322	01/09/2026	1352	5,175.61
GILLIS, AUSTIN	00413	01/09/2026	16798	196.54
GILLIS, ANGELA	00192	01/09/2026	16779	1,227.53
GOOD, JEREMY M	00334	01/09/2026	16780	6,631.45

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Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
GREK, ANTHONY	00684	01/09/2026	16867	1,746.42
HAAN, WILLIAM A	00270	01/09/2026	16747	5,037.30
HAMILTON, MITCH A	00425	01/09/2026	16880	3,212.29
HARRINGTON, DAMEN	00608	01/09/2026	16748	1,046.99
HARTWIG, RAYMOND	00658	01/09/2026	16845	2,095.83
HAYES, WILLIAM T	00250	01/09/2026	16729	173.51
HELGREN, CURTIS	00476	01/09/2026	16781	3,780.50
HERNANDEZ, AUTUMN	00557	01/09/2026	16868	2,469.94
HEUER, CASEY	00552	01/09/2026	16875	2,242.51
HOFFMAN, MATT	00682	01/09/2026	16885	4,174.53
HOLDEN, ERIC	00569	01/09/2026	16876	2,104.86
HOWARD, CASEY	00555	01/09/2026	16854	3,113.46
HUDETZ, MICHAEL L	00422	01/09/2026	16878	1,772.89
HUERAMO, CRYSTAL	00615	01/09/2026	16869	1,227.76
HUERAMO, ROSE MARY	00415	01/09/2026	16734	2,360.61
HUERAMO, BIANCA	00572	01/09/2026	16749	2,136.73
ISLEY, TIMOTHY P	00249	01/09/2026	16812	3,316.17
JACKSON, SYDNEY L	00562	01/09/2026	16751	3,460.02
JACKSON, CANDICE	00551	01/09/2026	16750	2,635.75
JAKYMIW, JAMES M	00367	01/09/2026	16752	2,696.29
JIMENEZ, KAYLEE	00554	01/09/2026	16836	1,917.16
JOHNSON, JARED	00048	01/09/2026	16877	2,504.73
JOHNSON, TODD A	00069	01/09/2026	16855	4,491.63
JOHNSON, BENJAMIN C	00166	01/09/2026	16782	5,224.98
JUDAH, CHRISTOPHER M	00439	01/09/2026	16837	157.32
JUDD, CHAD A	00450	01/09/2026	16838	2,262.31
KASS, JACOB R	00641	01/09/2026	16783	3,163.53
KELCHNER, GRACIE	00647	01/09/2026	16753	2,586.69
KELLER, DANIEL W	00211	01/09/2026	16830	4,045.37
KEPKA, JASON	00618	01/09/2026	16799	454.49
KESSLER, SEAN	00634	01/09/2026	16856	4,274.51
KNIGHT, MICHELLE	00174	01/09/2026	16820	2,210.22
KNIGHT, JAMES WALKER	00585	01/09/2026	16846	2,882.81
KNIGHT, NOAH	00600	01/09/2026	16754	4,282.43
KNIGHT, KALEB	00636	01/09/2026	16847	2,158.58
KORLESKI, ROSE	00681	01/09/2026	16886	298.91
KOVACS, RYAN	00384	01/09/2026	16755	3,707.61
LANNING, ADAM	00392	01/09/2026	16831	3,888.78
LESSMAN, ZACHARY	00687	01/09/2026	16756	432.40
LEWIS, JOSH R	00338	01/09/2026	16784	6,186.87
LODICO, TREY	00613	01/09/2026	16785	3,582.39
LOVELADY-SMITH, ELIZABET	00653	01/09/2026	16887	1,762.53
LUXTON, TOD	00535	01/09/2026	16832	2,645.70
MCDERMOTT, THOMAS	00063	01/09/2026	16731	165.28
MCDERMOTT, DANIEL W	00038	01/09/2026	16730	118.08
MEDINE, JUSTIN	00487	01/09/2026	16839	2,158.96
MERRILL, ADAM	00677	01/09/2026	16857	3,894.49
MESSER, NOAH	00581	01/09/2026	16786	3,198.23
MILLER, RYAN	00540	01/09/2026	16840	3,208.64
MILOS, KRISTOFER	00512	01/09/2026	16813	2,283.21
MISKELL, CJ	00671	01/09/2026	16858	2,878.83
MONTERO, DAVID S	00601	01/09/2026	16787	3,615.46
MOREAU, SENADA	00408	01/09/2026	16757	3,000.93
MORRIS, MANDI R	00168	01/09/2026	16870	1,579.88
MUELLER, JESSICA CM	00510	01/09/2026	16841	2,686.47
MULHOLLAND, JAY A	00442	01/09/2026	16859	2,707.53
MUSSELMAN, JEFFREY J	00200	01/09/2026	16842	2,499.85
NAMBO, LUISA	00273	01/09/2026	16758	2,084.28
NAVA, CELESTE	00662	01/09/2026	16888	1,781.79

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Payroll Set: Payroll Set 01 - 01

Employee	Employee #	Payment Date	Number	Net
NAY, WELDON	00644	01/09/2026	16800	32.44
NEUENKIRCHEN, RYAN J	00590	01/09/2026	16843	1,790.78
OATES, JAKE	00663	01/09/2026	16801	679.63
OLESON, KHRYSTA	00621	01/09/2026	16889	1,919.81
OLSZEWSKI, BRITTANY	00546	01/09/2026	16735	1,177.05
OLSZEWSKI, ROBIN L	00373	01/09/2026	16759	2,918.24
OWEN, ALISON	00409	01/09/2026	16760	3,107.04
OWEN, TREVOR D	00399	01/09/2026	16761	4,261.12
PAVIA, PETER	00485	01/09/2026	16762	3,811.47
PEASE, MICHELLE J	00222	01/09/2026	16821	3,126.13
PLAZA, JONATHAN	00524	01/09/2026	16788	3,366.84
POWELL, KORTNEY	00607	01/09/2026	16802	391.24
PREWETT, ZACHARY	00327	01/09/2026	16789	5,955.17
RANGEL, DWAYNE	00455	01/09/2026	16833	3,367.77
RIVERA, ANGEL	00606	01/09/2026	16763	3,668.01
RODABAUGH, AARON C	00213	01/09/2026	16764	4,791.26
ROGDE, ANDREW C	00410	01/09/2026	16860	1,853.24
SALINAS, JAVIER	00538	01/09/2026	16790	3,022.59
SAWLSVILLE, DAVID W	00046	01/09/2026	16791	3,778.52
SAWLSVILLE, CHRISTOPHER	00300	01/09/2026	16803	551.53
SCHABACKER, BRAD J	00348	01/09/2026	16814	2,008.21
SESTER, CORY	00294	01/09/2026	16765	3,815.46
SHAW-DICKEY, KATHRYN E	00452	01/09/2026	16732	168.08
SILVA, BARTOLOME	00586	01/09/2026	16766	2,432.91
SILVA, EDGAR Q	00593	01/09/2026	16767	2,884.35
SIMMONS, NOAH	00633	01/09/2026	16804	20.69
SMITH, BRIAN	00685	01/09/2026	16861	1,263.28
SMITH, BETH A	00441	01/09/2026	16805	194.66
SORGEA, ASHTIN	00675	01/09/2026	16768	2,665.52
SPEARS, NICHOLAS J	00362	01/09/2026	16815	2,278.29
STARR, GEOFFREY	00495	01/09/2026	16822	2,674.68
SULLIVAN, JAMEY A	00356	01/09/2026	16862	2,325.14
SUNESON, SARA L	00252	01/09/2026	16872	1,599.81
SWANSON, CARMEN	00541	01/09/2026	16769	1,348.59
TESREAU, SAMUEL C	00276	01/09/2026	16824	4,412.36
THOMPSON, JENNIFER R	00364	01/09/2026	16737	17,109.55
TIMM, NATHAN K	00414	01/09/2026	16816	2,717.08
TOLIVER, BLAKE A	00205	01/09/2026	16863	3,616.02
TURCATO, JAMES	00635	01/09/2026	16864	3,266.34
UNDERWOOD, JASON M	00217	01/09/2026	16792	5,023.54
UTECHT, MICHAEL	00493	01/09/2026	16881	524.21
VALDIVIESO, BENJAMIN	00599	01/09/2026	1351	0.00
VANKIRK, COLTON	00496	01/09/2026	16817	2,388.83
VANVICKLE, ZECHARIAH	00548	01/09/2026	16793	4,026.72
VILLALOBOS, EDDIE V	00560	01/09/2026	16818	2,361.04
WARD, CURTIS W	00331	01/09/2026	16825	2,393.27
WATERS, SHANE A	00430	01/09/2026	16848	2,825.01
WEEKS, JOYCE L	00401	01/09/2026	16826	685.19
WILLIS, JODY T	00051	01/09/2026	16794	3,939.05
WINTERTON, RYAN	00627	01/09/2026	16770	3,688.58
WITT, ADAM	00605	01/09/2026	16771	3,928.29
WITTENBERG, MATTHEW E	00282	01/09/2026	16772	2,695.96
WOOLBRIGHT, TYLER	00640	01/09/2026	16773	4,386.06
WRIGHT, ABBY	00489	01/09/2026	16774	2,707.43
WYATT, JAKE	00650	01/09/2026	16819	2,483.45
ZICK, BRITTNEY	00571	01/09/2026	16890	2,285.87
			Totals:	**468,517.87**

Rochelle, IL

Council Payroll Check Register
Report Summary

Pay Period: 12/22/2025-1/4/2026

Packet: PYPKT01341 - PPE 01.04.26
Payroll Set: Payroll Set 01 - 01

Type	Count	Amount
Regular Checks	3	5,343.69
Manual Checks	0	0.00
Reversals	0	0.00
Voided Checks	0	0.00
Direct Deposits	208	463,174.18
Total	**211**	**468,517.87**

File Attachments for Item:

2. An Ordinance Suspending Late Fees as Identified in Chapter 98 Article I of the Rochelle Municipal Code through December 31, 2026

ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING

SUBJECT: An Ordinance Suspending Late Fees as Identified in Chapter 98 Article I of the Rochelle Municipal Code through December 31, 2026

Staff Contact: Jenny Thompson, Assistant to the City Manager/Director of Community Engagement

Summary: Over the past several years, RMU has suspended late fees for residential utility customers. Staff proposes the continuation of a suspension of utility late fees through the end of 2026 to assist customers who may fall behind on payments. Customers also have the option to utilize short and long-term payment plans as well as an assistance program offered through RMU.

Recommendation: Approve an Ordinance for the Temporary Suspension of Late Fees as Identified in Chapter 98 Article I of the Rochelle Municipal Code through 2026

THE CITY OF ROCHELLE
Ogle County, Illinois

ORDINANCE
NO. _____

AN ORDINANCE TEMPORARILY SUSPENDING UTILITY LATE FEES AS IDENTIFIED IN CHAPTER 98 ARTICLE I OF THE ROCHELLE MUNICIPAL CODE

JOHN BEARROWS, Mayor
ROSE HUERAMO, City Clerk

TOM McDERMOTT
BIL HAYES
KATE SHAW-DICKEY
DAN McDERMOTT
ROSAELIA ARTEAGA
BEN VALDIVIESO
City Council

Published in pamphlet form by authority of the Mayor and City Council of the City of Rochelle
Ottosen DiNolfo Hasenbalg & Castaldo, Ltd. – City Attorneys
2441 Warrenville Road, Suite 310, Lisle, Illinois 60532

ORDINANCE NO: _____

AN ORDINANCE TEMPORARILY SUSPENDING UTILITY LATE FEES AS IDENTIFIED IN CHAPTER 98 ARTICLE I OF THE ROCHELLE MUNICIPAL CODE

WHEREAS, Section 7 of Article VII of the 1970 Constitution of the State of Illinois provides that a municipality that is not a home rule unit shall only have the powers granted to them by law and as such the City of Rochelle ("City"), Ogle County, Illinois being a non-home rule unit pursuant to the provisions of said Section 7 of Article VII, and may exercise only the powers expressly granted by law; and

WHEREAS, the Illinois General Assembly granted non-home rule municipalities broad authority to "pass all ordinances and make all rules and regulations proper or necessary, to carry into effect the powers granted to municipalities." 65 ILCS 5/1-2-1; and

WHEREAS, while "non-home rule municipalities have the authority to enact ordinances, such ordinances may in no event conflict with state law or prohibit what a state statute expressly permits . . . A local ordinance may impose more rigorous or definite regulations in addition to those enacted by the state legislature so long as they do not conflict with the statute." (Village of Wauconda v. Hutton, 291 Ill. App. 3d 1058, 1060 (1997)); and

WHEREAS, the City of Rochelle ("City") has previously enacted Chapter 98, Article I, Section 98-6 of the Rochelle Municipal Code ("Code") entitled "Payment of Bills" pertaining to payment for utility services by Rochelle Municipal Utility ("RMU") customers and late fees associated with the failure to pay utility bills within the time frame set therein; and

WHEREAS, the City believes that it is in the best interest of its residents to temporarily waive the late fees for residents through December 31, 2026, as specified in Section 98-6 of the Code, which incorporates certain payment procedures, plans, and penalties for RMU customers that do not promptly pay amounts owed; and

WHEREAS, it has been determined by the Corporate Authorities of the City of Rochelle that it is in the best interest of the City and its residents to temporarily waive the late payment fees assessed for RMU residential customers in the Section of the Code pertaining to Payment of Bills; and

BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF ROCHELLE, ILLINOIS:

SECTION ONE: That the City hereby incorporates all of the recitals above into this Ordinance as if fully set forth herein.

SECTION TWO: That all late fees set forth in Chapter 98, Article I, Section 98-6 entitled “Payment of Bills” will be temporarily waived through December 31, 2026.

SECTION THREE: If any provision of this Ordinance or application thereof to any person or circumstance is ruled unconstitutional or otherwise invalid, such invalidity shall not affect other provisions or applications of this Ordinance that can be given effect without the invalid application or provision, and each invalid provision or invalid application of this Ordinance is severable.

SECTION FOUR: Where the conditions imposed by any provisions of this Ordinance are more restrictive than comparable provisions imposed elsewhere in any other local law, ordinance, resolution, rule or regulation, the regulations of this Ordinance will govern.

SECTION FIVE: The City Clerk shall publish this Ordinance in pamphlet form.

SECTION SIX: This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

APPROVED this 12th day of January 2026.

ATTEST:

_____ _____

City Clerk Mayor

STATE OF ILLINOIS)
) SS.
COUNTY OF OGLE)

CERTIFICATE

I, Rose Huéramo, City Clerk of the City of Rochelle, County of Ogle and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Ordinance No. _____, “AN ORDINANCE TEMPORARILY SUSPENDING UTILITY LATE FEES AS IDENTIFIED IN CHAPTER 98 ARTICLE I OF THE ROCHELLE MUNICIPAL CODE ” which was adopted by the Mayor and City Council of the City of Rochelle on January 12, 2026.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the City of Rochelle this 12th day of January 2026.

_____
CITY CLERK

File Attachments for Item:

3. An Ordinance Authorizing and Providing for the Issuance of Not to Exceed $5,000,000 Aggregate Principal Amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the Levy of a Direct Annual Tax Sufficient to Pay the Principal of and Interest on Said Bonds

ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING

SUBJECT: AN ORDINANCE authorizing and providing for the issuance of not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

Staff Contact: Tim Isley

Summary: On October 27th, 2025, Rochelle's City Council agenda included a discussion item proposing the issuance of a general obligation bond (Alternate Revenue Source) to fund necessary City projects. The projects identified include the construction of one new 8-unit aircraft T hangar at Rochelle's Municipal Airport and electrical upgrades to support current and future technology infrastructure and service demands at Rochelle's Technology Center.

Following the October 27th discussion item the following actions have been taken:
November 24, 2025, City Council approved an order calling the Bond Issuance Notification Act (BINA) hearing and an ordinance setting forth the intent to issue general obligation alternate bonds in an Amount not to exceed $1,500,000 for the Technology Center, and $3,500,000 for the Rochelle Municipal Airport and related improvements within the City and paying for costs related thereto.

November 30th, 2025, Notice of the BINA hearing was published and posted starting the 30-day petition period.

December 8th A public hearing was held regarding a plan to issue not to exceed $5,000,000 in aggregate principal amount of the City's General Obligation Bonds (Alternate Revenue Source), Series 2026

December 30th, 2025, the petition period expired. (30 days after notice is published in local newspaper.)

January 7, 2026 a conference call was held with the rating agency, and a due diligence session was completed with the Bond council, Disclosure council, Underwriter, City Staff and Legal Counsel.

The next step in this process is adopting an ordinance authorizing and providing for the issuance not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds. This ordinance identifies the purpose and parameters which include

Bond Details:

- - Maximum Term: Until January 1, 2037
- - Interest Rate: Not to exceed 5.50%
- - Denominations: $5,000 or multiples
- - Semiannual interest payments (Jan 1 & Jul 1)

Funding Sources:

- - Airport revenues
- - Technology Center revenues
- - Federal grants
- - Other lawful City funds
- - Ad valorem property taxes (unlimited rate/amount as backup)
-

Tax Levy:

- - Direct annual tax up to $700,000 per year (2025–2035) to ensure debt service
- - Taxes may be abated if pledged revenues cover payments
-

Compliance & Covenants:

- - Bonds designated as qualified tax-exempt obligations under IRS rules
- - Full faith and credit of the City pledged
- - Compliance with Illinois Debt Reform Act and Open Meetings Act confirmed

Additional Provisions:

- - Redemption options (optional and mandatory)
- - Registration and transfer procedures
- - Creation of Bond Fund and Project Fund
- - Conditions for issuing parity or additional bonds
- - Non-arbitrage and tax-exemption compliance
- Approved by City Council and filed with County Clerks of Ogle and Lee Counties.

All bond details, funding sources, tax levy, compliance & convents, as well as additional provisions are identified in the ordinance.

Funding Sources:

Source:	Budgeted Amount:		Proposed Expenditure:

Strategic Plan Goal Application: Develop and implement plans to replace/repair infrastructure.

Recommendation: Consider approving an ordinance authorizing and providing for the issuance of not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

CRITICAL POINTS						
POINT NO.	LAT.	LONG.	DESCRIPTION	EXIST. GROUND ELEV. (MSL)	OBJECT HEIGHT (FT)	OBJECT ELEV. (MSL)
1	N041° 53' 27.3694"	W088° 04' 31.9361"	CONSTRUCTION EQUIPMENT	775	25	800
2	N041° 53' 28.1201"	W088° 04' 33.2439"	NE HANGAR CORNER	775	15	790
3	N041° 53' 28.1152"	W088° 04' 33.8405"	N HANGAR RIDGE	775	18	792
4	N041° 53' 28.1103"	W088° 04' 34.0370"	NW HANGAR CORNER	775	15	790
5	N041° 53' 28.1026"	W088° 04' 34.6706"	CONSTRUCTION EQUIPMENT	774	25	799
6	N041° 53' 28.2556"	W088° 04' 34.6306"	CONSTRUCTION EQUIPMENT	774	25	799
7	N041° 53' 28.2435"	W088° 04' 33.9961"	SW HANGAR CORNER	775	15	790
8	N041° 53' 28.2484"	W088° 04' 33.5995"	S HANGAR RIDGE	775	18	792
9	N041° 53' 28.2533"	W088° 04' 33.2029"	SE HANGAR CORNER	775	15	790
10	N041° 53' 28.2610"	W088° 04' 32.5684"	CONSTRUCTION EQUIPMENT	774	25	799
11	N041° 53' 28.1278"	W088° 04' 32.6094"	CONSTRUCTION EQUIPMENT	774	25	799
12	N041° 53' 28.5091"	W088° 04' 32.8139"	LOW PROFILE BARRICADE	774	3	777
13	N041° 53' 28.4667"	W088° 04' 34.4780"	LOW PROFILE BARRICADE	774	3	777
14	N041° 53' 26.7555"	W088° 04' 41.8919"	STAGING AREA	773	25	798
15	N041° 53' 27.2276"	W088° 04' 34.4133"	CRANE	773	65	838
16	N041° 53' 28.9068"	W088° 04' 32.8857"	CRANE	773	65	838
NOTE: OBJECT HEIGHT TO BE VERIFIED IN THE FIELD						

PHASING NOTES

1. THE PROPOSED CONSTRUCTION IS NOT ANTICIPATED TO REQUIRE TEMPORARY CLOSURE OF TAXIWAYS OR RUNWAYS AND CAN BE COMPLETED IN ONE PHASE.
2. THIS PROJECT CONSISTS OF THE CONSTRUCTION OF AN 8-UNIT NESTED T-HANGAR WITH CONCRETE FLOOR AND BI-FOLD DOORS, LIGHTS, AND RECEPTACLES. ASSOCIATED WORK ITEMS INCLUDE SITE PREPARATION AND GRADING, PRE-ENGINEERED STEEL BUILDING ERECTION, CONCRETE SLAB-ON-GRADE CONSTRUCTION, CONCRETE PERIMETER SLAB, HANGAR AND SITE ELECTRICAL, EROSION CONTROL, AND SITE RESTORATION. ADD ALT 1 IS CONSTRUCTING 48' OF ACCESS TAXILANE PAVEMENT.
3. BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION AND SHALL BE REMOVED AT THE COMPLETION. LOW PROFILE BARRICADES SHALL BE IN PLACE ALONG AIRFIELD PAVEMENT EDGE SUCH THAT THEY REMAIN OUTSIDE OF THE TOFA FOR THE EXISTING HANGAR.
4. AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
5. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO AIRPORT VEHICLES AND REMAIN CLEAR AT ALL TIMES.
6. ALL ACTIVE AIRFIELD PAVEMENTS SHALL BE KEPT CLEAN AND FREE OF DEBRIS AT ALL TIMES DURING CONSTRUCTION.
7. AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL ROUTE AND STAGING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
8. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES ON THE AIRFIELD, CONSTRUCTION/MAINTENANCE OF THE STAGING AREA AND HAUL ROUTE, AND ALL ASSOCIATED INCIDENTALS SHALL BE INCIDENTAL TO THE CONTRACT.
9. MAINTAIN ACCESS TO TERMINAL BUILDING AND AIRFIELD GATES AT ALL TIMES.

GENERAL NOTES

1. OBJECT HEIGHT MAY VARY PENDING THE MANUFACTURER AND MODEL OF THE PROPOSED HANGAR. CONSERVATIVE HEIGHTS WILL BE SUBMITTED TO THE FAA VIA FORM-7460 FOR AN AIRSPACE DETERMINATION.

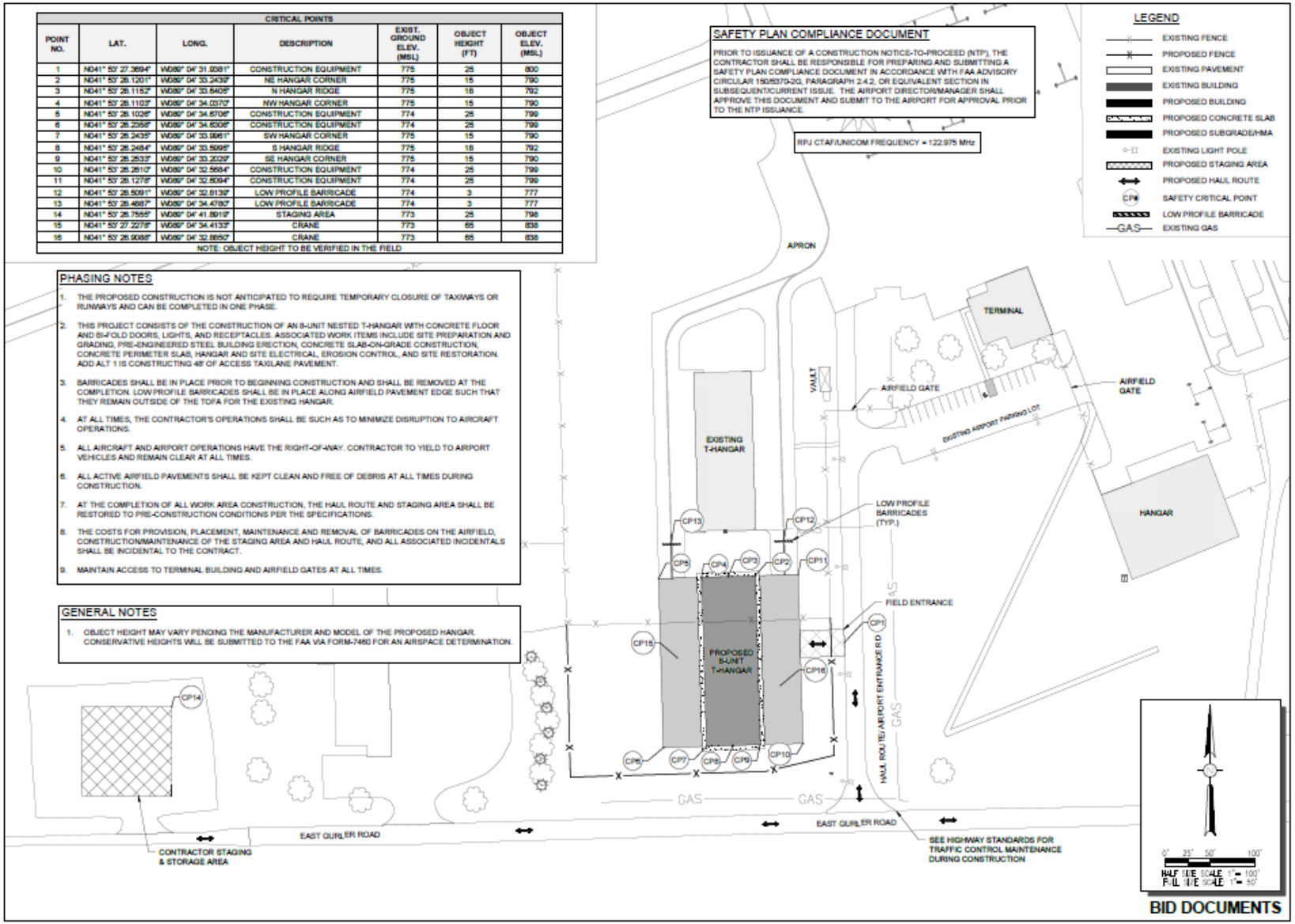
SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR/MANAGER SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE AIRPORT FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

RPJ CTAF/UNICOM FREQUENCY = 122.975 MHz

LEGEND

- EXISTING FENCE
- PROPOSED FENCE
- EXISTING PAVEMENT
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPOSED CONCRETE SLAB
- PROPOSED SUBGRADE/HMA
- EXISTING LIGHT POLE
- PROPOSED STAGING AREA
- PROPOSED HAUL ROUTE
- SAFETY CRITICAL POINT
- LOW PROFILE BARRICADE
- EXISTING GAS



BID DOCUMENTS

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1525 S. 6th Street
Springfield, IL 62500
phone: 217-788-2450
fax: 217-788-2503
Illinois Licensed
Professional Service Corporation
#184-001084

Rochelle Airport
ROCHELLE MUNICIPAL AIRPORT
MAJOR THOMAS F. KORITZ FIELD
1301 West Gurler Road
Rochelle, Illinois 61068
Telephone: 815.562.8819

LICENSED PROFESSIONAL ENGINEER
LINDSAY DENET HAUSMAN
062-059464
STATE OF ILLINOIS

DATE SIGNED: 3/21/2025 LICENSE EXPIRES: 11/30/2025

CONSTRUCT 8-UNIT T-HANGAR AND PAVEMENT SITEWORK

IDA No: RPJ-5150
SBG No: 3-17-SBGP-TBD

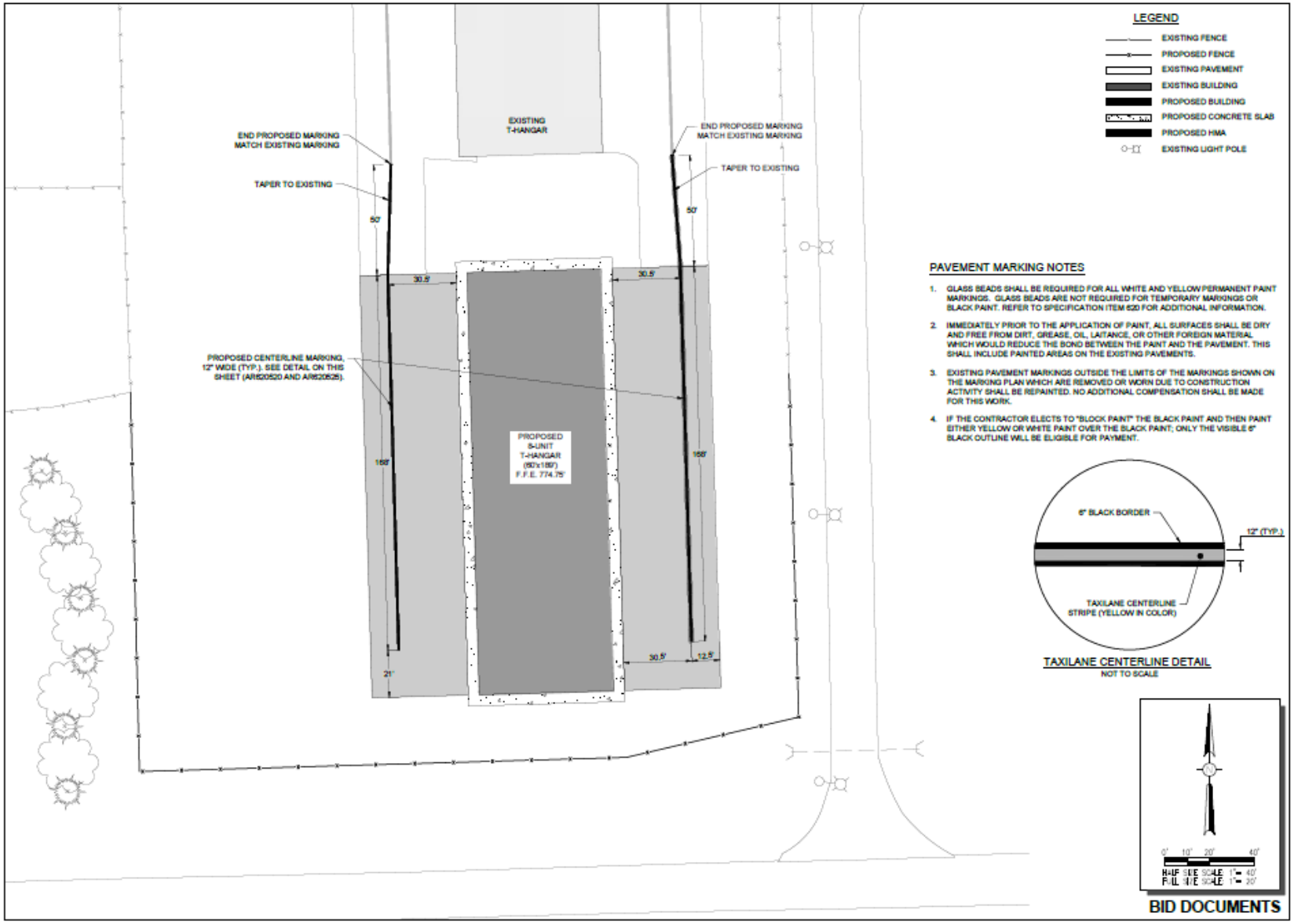
NO.	DATE	DESCRIPTION

ISSUE: MARCH 21, 2025
PROJECT NO: 25A1041.00
CAD FILE: G-104-CSPP.DWG
DESIGN BY: KDB 12/13/2024
DRAWN BY: KDB 12/13/2024
REVIEWED BY: LDH 1/11/2025

SHEET TITLE

CONSTRUCTION SAFETY AND PHASING PLAN

4



LEGEND

- EXISTING FENCE
- PROPOSED FENCE
- EXISTING PAVEMENT
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPOSED CONCRETE SLAB
- PROPOSED HMA
- EXISTING LIGHT POLE

PAVEMENT MARKING NOTES

1. GLASS BEADS SHALL BE REQUIRED FOR ALL WHITE AND YELLOW PERMANENT PAINT MARKINGS. GLASS BEADS ARE NOT REQUIRED FOR TEMPORARY MARKINGS OR BLACK PAINT. REFER TO SPECIFICATION ITEM 620 FOR ADDITIONAL INFORMATION.
2. IMMEDIATELY PRIOR TO THE APPLICATION OF PAINT, ALL SURFACES SHALL BE DRY AND FREE FROM DIRT, GREASE, OIL, LAITANCE, OR OTHER FOREIGN MATERIAL WHICH WOULD REDUCE THE BOND BETWEEN THE PAINT AND THE PAVEMENT. THIS SHALL INCLUDE PAINTED AREAS ON THE EXISTING PAVEMENTS.
3. EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF THE MARKINGS SHOWN ON THE MARKING PLAN WHICH ARE REMOVED OR WORN DUE TO CONSTRUCTION ACTIVITY SHALL BE REPAINTED. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THIS WORK.
4. IF THE CONTRACTOR ELECTS TO "BLOCK PAINT" THE BLACK PAINT AND THEN PAINT EITHER YELLOW OR WHITE PAINT OVER THE BLACK PAINT; ONLY THE VISIBLE 6" BLACK OUTLINE WILL BE ELIGIBLE FOR PAYMENT.

TAXILANE CENTERLINE DETAIL
NOT TO SCALE

BID DOCUMENTS

HANSON
Offices Nationwide
www.hanson-inc.com

Hanson Professional Services Inc.
1525 S. 6th Street
Springfield, IL 62668
phone: 217-788-2450
fax: 217-788-2503

Illinois Licensed
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Rochelle Airport
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LICENSED PROFESSIONAL ENGINEER
LINDSAY DENET HAUSMAN
062-059464
STATE OF ILLINOIS

DATE SIGNED: 3/21/2025 LICENSE EXPIRES: 11/30/2025

CONSTRUCT 8-UNIT T-HANGAR AND PAVEMENT SITEWORK

IDA No: RPJ-5150
SBG No: 3-17-SBGP-TBD

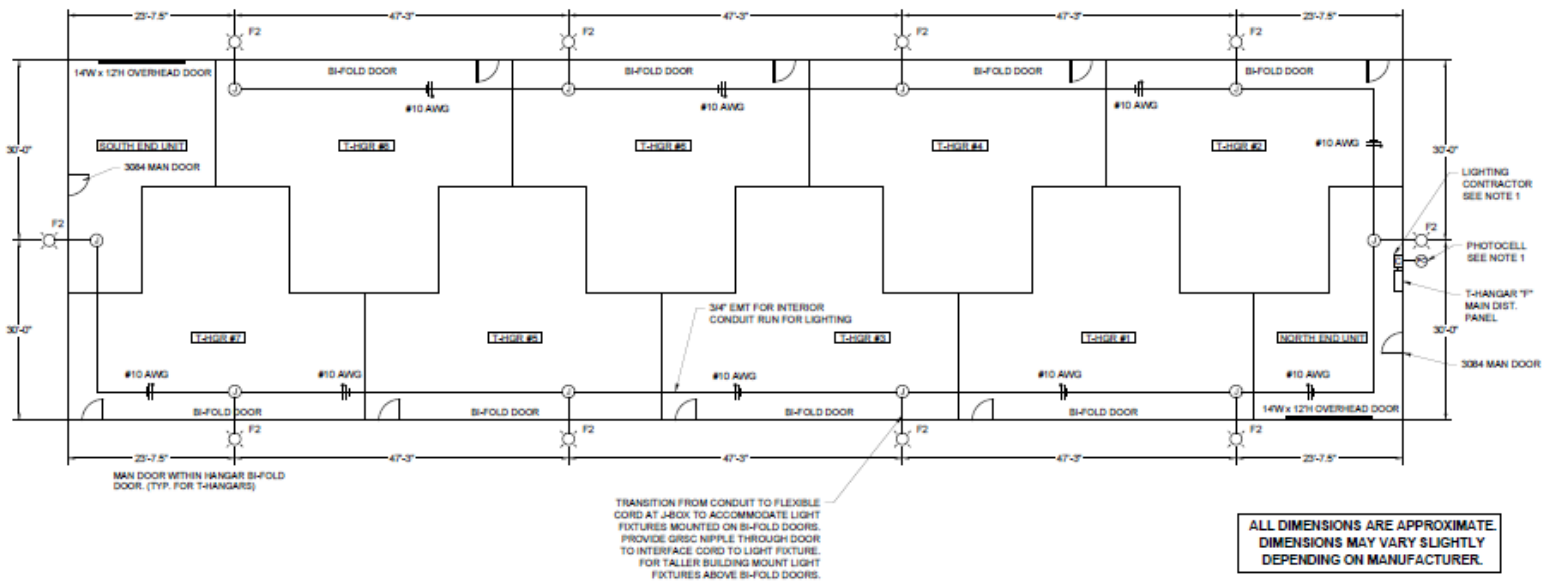
NO.	DATE	DESCRIPTION	DES	DWN	REV

ISSUE: MARCH 21, 2025
PROJECT NO: 23A1041.00
CAD FILE: C-151-MRK.DWG
DESIGN BY: KCB 12/13/2024
DRAWN BY: KCB 12/13/2024
REVIEWED BY: LDH 1/11/2025

SHEET TITLE

PROPOSED MARKING PLAN - ADD ALT 2

12



ALL DIMENSIONS ARE APPROXIMATE. DIMENSIONS MAY VARY SLIGHTLY DEPENDING ON MANUFACTURER.

8-UNIT T-HANGAR FLOOR PLAN

0 4' 8' 16'

HALF SIZE SCALE: 1/16" = 1'-0"
FULL SIZE SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

1. FURNISH AND INSTALL A PHOTOCELL LINE VOLTAGE RATED FOR 1000 WATTS MINIMUM AT 120 VAC, SUITABLE FOR RESPECTIVE LIGHTING LOADS AND APPLICATION. LOCATE PHOTOCELL TO PROVIDE PROPER OPERATION OF EXTERIOR LIGHT FIXTURES AT DARKNESS. FURNISH AND INSTALL A 30 AMP, 2 POLE NEMA RATED LIGHTING CONTACTOR WITH 120 VAC COIL AND HAND-OFF-AUTO SELECTOR SWITCH IN A NEMA 12 ENCLOSURE WITH HINGED COVER. THIS WILL CONTROL THE EXTERIOR LIGHTING FOR THE T-HANGAR.
2. SEE LIGHT FIXTURE SCHEDULE.
3. JUNCTION BOXES WILL BE SIZED PER 2023 NEC 314 FOR THE RESPECTIVE SPLICES, WIRING, AND CONDUITS.
4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE POSITION OF ALL CONDUITS ALONG STRUCTURAL ROOF MEMBERS, PROPERLY FASTENING, SLEEVING, AND FLASHING ALL OPENING THROUGH THE PARTITION WALLS. FIELD VARIFY CONDUIT ROUTING.
5. HANGAR CLASSIFICATION: NFPA 409 GROUP III, TYPE II (000) CONSTRUCTION.
6. GRSC (GALVANIZED RIGID STEEL CONDUIT) SHALL BE U.L. LISTED CONFORMING TO UL-6 & ANSI C80.1. COUPLINGS, CONNECTORS, AND FITTINGS FOR RIGID STEEL CONDUIT SHALL BE THREADED GALVANIZED STEEL OR GALVANIZED MALLEABLE IRON SPECIFICALLY DESIGNED AND MANUFACTURED FOR THE PURPOSE. FITTINGS SHALL CONFORM TO ANSI C80.4.
7. EMT (ELECTRICAL METALLIC TUBING) SHALL BE U.L. LISTED GALVANIZED STEEL TUBING CONFORMING TO ANSI C80.3 AND U.L. 797. ALL EMT AND MOUNTING HARDWARE SHALL BE CONSTRUCTED OF CORROSION RESISTANT MATERIALS AND BE LISTED FOR USE IN WET LOCATIONS. EMT FITTINGS, COUPLINGS AND CONNECTORS SHALL BE STEEL COMPRESSION TYPE. SET SCREW FITTINGS WILL NOT BE ALLOWED.

BID DOCUMENTS

HANSON
Offices Nationwide
www.hanson-inc.com

Hanson Professional Services Inc.
1525 S. 6th Street
Springfield, IL 62560
phone: 217-788-2450
fax: 217-788-2503

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#184-001084

Rochelle Municipal Airport

ROCHELLE MUNICIPAL AIRPORT
MAJOR THOMAS F. KORITZ FIELD
1201 West Gurler Road
Rochelle, Illinois 61068
Telephone: 815.562.8619

COVERING ELECTRICAL DESIGN

LICENSED PROFESSIONAL ENGINEER
KEVIN N. LIGHTFOOT
062-047643
STATE OF ILLINOIS

DATE SIGNED: 3/21/2025 LICENSE EXPIRES: 11/30/2025

CONSTRUCT 8-UNIT T-HANGAR AND PAVEMENT SITEWORK

IDA No: RPJ-5150
SBG No: 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION
		DES DWN KW

ISSUE: MARCH 21, 2025
PROJECT NO: 23A1041.00
CAD FILE: E-103-PLN.DWG
DESIGN BY: KNL 12/19/2024
DRAWN BY: KCB 12/30/2024
REVIEWED BY: KNL 1/2/2025

SHEET TITLE

EXTERIOR LIGHTING PLAN

MINUTES of a regular public meeting of the City Council of the City of Rochelle, Ogle and Lee Counties, Illinois, held in the Council Chambers of City Hall of the City at 420 North 6th Street in Rochelle, Illinois, at 6:30 P.M., on the 12th day of January, 2026.

The Mayor called the meeting to order and directed the City Clerk to call the roll.

Upon the roll being called, the following Members answered present: _____

_____

The following Members were allowed by a majority of the Members of the City Council in accordance with and to the extent allowed by rules adopted by the City Council to attend the meeting by video or audio conference: _____

No Member was not permitted to attend the meeting by video or audio conference.

The following Members were absent and did not participate in the meeting in any manner or to any extent whatsoever: _____

_____

The Mayor announced that the City Council would next consider the adoption of an ordinance providing for the issuance of alternate revenue bonds for the purpose of financing various capital projects within the City and other associated costs, and related costs of issuance of the bonds, and providing for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

Whereupon Member _____ presented and read by title an ordinance as follows, a copy of which was provided to each Member of the City Council prior to said meeting and to everyone in attendance at said meeting who requested a copy:

ORDINANCE NO. _____

AN ORDINANCE authorizing and providing for the issuance of not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

* * *

WHEREAS, the City of Rochelle, Ogle and Lee Counties, Illinois (the "City"), is a municipal corporation and body politic of the State of Illinois (the "State"), duly created, organized and existing under the Illinois Municipal Code (the "Municipal Code"), and all laws amendatory thereof and supplementary thereto, including the Local Government Debt Reform Act of the State, as amended (the "Debt Reform Act"); and

WHEREAS, the Mayor of the City (the "Mayor") and the City Council of the City (the "Corporate Authorities") have heretofore determined and do hereby determine that it is advisable, necessary and in the best interests of the residents of the City to (i) finance various Rochelle Municipal Airport and related improvements within the City including, in connection with said work, acquisition of all land or rights in land, mechanical, electrical, and other services necessary, useful, or advisable thereto (the "Airport Project"), (ii) finance various Technology Center and related improvements within the City including, in connection with said work, acquisition of all land or rights in land, mechanical, electrical, and other services necessary, useful, or advisable thereto (the "Tech Center Project," and, collectively, the "Projects") and (iii) pay certain costs of issuance of the Bonds (as such term is hereinafter defined), all for the benefit of the inhabitants of the City; and

WHEREAS, the estimated cost of the Airport Project, including legal, financial, bond discount, if any, printing and publication costs, capitalized interest, if any, and other expenses (the "Airport Project Costs"), will not exceed $3,500,000; and

WHEREAS, the estimated cost of the Tech Center Project, including legal, financial, bond discount, if any, printing and publication costs, capitalized interest, if any, and other expenses (the "Tech Center Project Costs"), will not exceed $1,500,000; and

WHEREAS, the Airport Project Costs and the Tech Center Project Costs (collectively, the "Project Costs") will not exceed $5,000,000, and there are insufficient funds on hand and lawfully available to pay such costs; and

WHEREAS, for the purpose of providing funds to pay the Airport Project Costs and in accordance with the provisions of the Debt Reform Act, the Corporate Authorities on the 24th day of November, 2025, adopted an ordinance (the "Airport Project Authorizing Ordinance") authorizing the issuance of alternate bonds, being general obligation bonds payable from (i) Airport revenues, (ii) grants received from the federal government, and (iii) any and such other funds of the City lawfully available and annually appropriated for such purpose, including, but not limited to, Technology Center revenues (collectively, the "Airport Pledged Revenues"), as provided by the Act, in an amount not to exceed $3,500,000; and

WHEREAS, on the 30th day of November, 2025, the Airport Project Authorizing Ordinance, together with a notice in the statutory form, was published in the *Rochelle News-Leader*, being a newspaper of general circulation in the City (the "City's Newspaper"), and an affidavit evidencing the publication of the Airport Project Authorizing Ordinance and said notice has heretofore been presented to the Corporate Authorities and made a part of the permanent records of the Corporate Authorities; and

WHEREAS, more than thirty (30) days have expired since the date of publication of the Airport Project Authorizing Ordinance and said notice, and no petition with the requisite number of valid signatures thereon has been filed with the City Clerk (the "City Clerk"), requesting that the question of the issuance of the alternate bonds be submitted to referendum; and

WHEREAS, for the purpose of providing funds to pay the Tech Center Project Costs and in accordance with the provisions of the Debt Reform Act, the Corporate Authorities on the 24th day of November, 2025, adopted an ordinance (the "Tech Center Project Authorizing Ordinance") authorizing the issuance of alternate bonds, being general obligation bonds payable from (i) Technology Center revenues, (ii) grants received from the federal government, and (iii) any and such other funds of the City lawfully available and annually appropriated for such purpose (collectively, the "Technology Center Pledged Revenues"), as provided by the Act, in an amount not to exceed $3,500,000; and

WHEREAS, on the 30th day of November, 2025, the Tech Center Project Authorizing Ordinance, together with a notice in the statutory form, was published in the City's Newspaper, and an affidavit evidencing the publication of the Tech Center Project Authorizing Ordinance and said notice has heretofore been presented to the Corporate Authorities and made a part of the permanent records of the Corporate Authorities; and

WHEREAS, more than thirty (30) days have expired since the date of publication of the Tech Center Project Authorizing Ordinance and said notice, and no petition with the requisite number of valid signatures thereon has been filed with the City Clerk, requesting that the question of the issuance of the alternate bonds be submitted to referendum; and

WHEREAS, on the 8th day of December, 2025, the Corporate Authorities held a public hearing pursuant to the Bond Issuance Notification Act following notice published in the City's Newspaper on the 30th day of November, 2025; and

WHEREAS, if the above-mentioned revenue sources, as applicable, are insufficient to pay the alternate bonds, *ad valorem* property taxes upon all taxable property in the City without limitation as to rate or amount (the "Pledged Taxes") are authorized to be extended to pay the principal of and interest on the alternate bonds; and

WHEREAS, the Corporate Authorities are now authorized to issue alternate revenue bonds in an amount not to exceed $3,500,000 (Airport Project)/$1,500,000 (Tech Center Project) in accordance with the provisions of the Act, and the Corporate Authorities hereby determine that it is necessary and desirable that the bonds so authorized be issued at this time; and

WHEREAS, each of the Projects constitutes a lawful corporate purpose within the meaning of the Act; and

WHEREAS, the alternate bonds to be issued will be payable from the applicable Pledged Revenues and the Pledged Taxes, both as hereinafter defined; and

WHEREAS, the Corporate Authorities hereby determine that the applicable Pledged Revenues will provide in each year an amount not less than 0.25 times debt service of the alternate bonds proposed to be issued; and

WHEREAS, such determination is supported by the most recent audit of the City (the "Audit"), which Audit has been presented previously to the Corporate Authorities and is on file currently with the City Clerk:

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROCHELLE, OGLE AND LEE COUNTIES, ILLINOIS, AS FOLLOWS:

Section 1. **Incorporation of Preamble**. The Corporate Authorities hereby find that all of the recitals contained in the preambles to this Ordinance are full, true and correct and do hereby incorporate such recitals into this Ordinance by this reference.

Section 2. **Findings; Issuance of Bonds**. The Corporate Authorities hereby find and determine that the Corporate Authorities of the City have been authorized by the provisions of the Act, that is necessary and in the best interest of the City and necessary for the welfare of the government and affairs of the City, and that it is a proper public purpose and is in the public interest to issue alternate revenue bonds of the City in an amount not to exceed $5,000,000 for the purpose of funding the costs of the Projects and the costs of the City in connection with the issuance of such bonds.

Section 3. **Bond Details**. There shall be borrowed on the credit of and for and on behalf of the City, an aggregate principal amount not to exceed $5,000,000 for the purposes aforesaid and that the City shall issue in the name of the City its "General Obligation Bonds (Alternate Revenue Source), Series 2026" (the "Bonds").

The Bonds shall be issued in the form of a separate single authenticated fully registered bond for the aggregate principal amount of each separate maturity of the Bonds. The Bonds shall bear the date of authentication; shall be in denominations of Five Thousand Dollars ($5,000) principal amount or any authorized integral multiple thereof, numbered consecutively from 1 upward and dated as set forth in the hereinafter described Bond Order; and interest on the Bonds shall be payable semiannually on each January 1 and July 1 of each year or such other date as provided in a bond order (the "Bond Order") (such interest computed upon the basis of a 360-day year of twelve 30-day months). The Bonds shall become due and payable (subject to prior redemption as set forth in the Bond Order) on January 1 over a period ending not later than

January 1, 2037, and in an amount not exceeding $650,000 per year, all as further detailed in the Bond Order executed by the Designated Representatives, as hereinafter defined; provided, however, that no Bond shall bear interest at a rate per annum in excess of 5.50%. The Designated Representatives are hereby given full authority to execute and deliver a Bond Order for and on behalf of the City as herein provided. The Bond Order shall be made a part of the transcript of the proceedings related to the issuance of the Bonds.

Interest on each Bond shall be paid by check or draft of the Paying Agent set forth in the Bond Order, payable upon presentation thereof in lawful money of the United States of America (the "United States"), to the person in whose name such Bond is registered at the close of business on the 15th day (whether or not a business day) of the calendar month next preceding the interest payment date, and mailed to the registered owner of the Bond as shown in the Bond Register (hereinafter defined) or at such other address furnished in writing by such Registered Owner, or as otherwise may be agreed with DTC (hereinafter defined). The principal of the Bonds shall be payable in lawful money of the United States upon presentation thereof at the office maintained for such purpose by the Paying Agent or successor Paying Agent and locality.

The Bonds shall be signed by the manual or facsimile signature of the Mayor and shall be countersigned by the manual or facsimile signature of the City Clerk and in case any officer whose signature shall appear on any Bond shall cease to be such officer before the delivery of such Bond, such signature shall nevertheless be valid and sufficient for all purposes, the same as if such officer had remained in office until delivery.

All Bonds shall have thereon a certificate of authentication substantially in the form hereinafter set forth duly executed by the Bond Registrar as authenticating agent of the City and showing the date of authentication. No Bond shall be valid or obligatory for any purpose or be

entitled to any security or benefit under this Ordinance unless and until such certificate of authentication shall have been duly executed by the Bond Registrar by manual signature, and such certificate of authentication upon any such Bond shall be conclusive evidence that such Bond has been authenticated and delivered under this Ordinance. The certificate of authentication on any Bond shall be deemed to have been executed by the Bond Registrar if signed by an authorized officer of the Bond Registrar, but it shall not be necessary that the same officer sign the certificate of authentication on all of the Bonds issued hereunder.

Section 4. Registration of Bonds; Persons Treated as Owners. (a) *General.* The City shall cause books (the "Bond Register") for the registration and for the transfer of the Bonds as provided in this Ordinance to be kept at the office maintained for such purpose by the Bond Registrar, which is hereby constituted and appointed the registrar of the City. The City is authorized to prepare, and the Bond Registrar shall keep custody of, multiple Bond blanks executed by the City for use in the transfer and exchange of Bonds.

Upon surrender for transfer of any Bond at the office maintained for such purpose by the Bond Registrar, duly endorsed by, or accompanied by a written instrument or instruments of transfer in form satisfactory to the Bond Registrar and duly executed by, the registered owner or his attorney duly authorized in writing, the City shall execute and the Bond Registrar shall authenticate, date and deliver in the name of the transferee or transferees a new fully registered Bond or Bonds of the same maturity of authorized denominations, for a like aggregate principal amount. Any fully registered Bond or Bonds may be exchanged at said office of the Bond Registrar for a like aggregate principal amount of Bond or Bonds of the same maturity of other authorized denominations. The execution by the City of any fully registered Bond shall constitute full and due authorization of such Bond and the Bond Registrar shall thereby be authorized to

authenticate, date and deliver such Bond, *provided, however,* the principal amount of outstanding Bonds of each maturity authenticated by the Bond Registrar shall not exceed the authorized principal amount of Bonds for such maturity less previous retirements.

The Bond Registrar shall not be required to transfer or exchange any Bond during the period beginning at the close of business on the 15th day (whether or not a business day) of the calendar month next preceding any interest payment date on such Bond and ending at the opening of business on such interest payment date, nor to transfer or exchange any Bond after notice calling such Bond for redemption has been mailed, nor during a period of fifteen (15) days next preceding mailing of a notice of redemption of any Bonds.

The person in whose name any Bond shall be registered shall be deemed and regarded as the absolute owner thereof for all purposes, and payment of the principal of or interest on any Bond shall be made only to or upon the order of the registered owner thereof or his legal representative. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bond to the extent of the sum or sums so paid.

No service charge shall be made for any transfer or exchange of Bonds, but the City or the Bond Registrar may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any transfer or exchange of Bonds except in the case of the issuance of a Bond or Bonds for the unredeemed portion of a Bond surrendered for redemption.

(b) *Global Book-Entry System.* The Bonds shall be initially issued in the form of a separate single fully registered Bond for each of the maturities of the Bonds determined as described in Section 3 hereof. Upon initial issuance, the ownership of each such Bond shall be registered in the Bond Register in the name of Cede & Co., or any successor thereto ("Cede"), as

nominee of The Depository Trust Company, New York, New York, and its successors and assigns ("DTC"). All of the outstanding Bonds shall be registered in the Bond Register in the name of Cede, as nominee of DTC, except as hereinafter provided. The Mayor and City Clerk, the chief business official of the City and the Bond Registrar are each authorized to execute and deliver, on behalf of the City, such letters to or agreements with DTC as shall be necessary to effectuate such book-entry system (any such letter or agreement being referred to herein as the "Representation Letter"), which Representation Letter may provide for the payment of principal of or interest on the Bonds by wire transfer.

With respect to Bonds registered in the Bond Register in the name of Cede, as nominee of DTC, the City and the Bond Registrar shall have no responsibility or obligation to any broker-dealer, bank or other financial institution for which DTC holds Bonds from time to time as securities depository (each such broker-dealer, bank or other financial institution being referred to herein as a "DTC Participant") or to any person on behalf of whom such a DTC Participant holds an interest in the Bonds. Without limiting the immediately preceding sentence, the City and the Bond Registrar shall have no responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede or any DTC Participant with respect to any ownership interest in the Bonds, (ii) the delivery to any DTC Participant or any other person, other than a registered owner of a Bond as shown in the Bond Register, of any notice with respect to the Bonds, including any notice of redemption, or (iii) the payment to any DTC Participant or any other person, other than a registered owner of a Bond as shown in the Bond Register, of any amount with respect to the principal of or interest on the Bonds. The City and the Bond Registrar may treat and consider the person in whose name each Bond is registered in the Bond Register as the holder and absolute owner of such Bond for the purpose of payment of principal and interest with respect to such Bond,

for the purpose of giving notices of redemption and other matters with respect to such Bond, for the purpose of registering transfers with respect to such Bond, and for all other purposes whatsoever. The Bond Registrar shall pay all principal of and interest on the Bonds only to or upon the order of the respective registered owners of the Bonds, as shown in the Bond Register, or their respective attorneys duly authorized in writing, and all such payments shall be valid and effective to fully satisfy and discharge the City's obligations with respect to payment of the principal of and interest on the Bonds to the extent of the sum or sums so paid. No person other than a registered owner of a Bond as shown in the Bond Register shall receive a Bond evidencing the obligation of the City to make payments of principal and interest with respect to any Bond. Upon delivery by DTC to the Bond Registrar of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede, and subject to the provisions in Section 3 hereof with respect to the payment of interest to the registered owners of Bonds at the close of business on the 15th day (whether or not a business day) of the calendar month next preceding the applicable interest payment date, the name "Cede" in this Ordinance shall refer to such new nominee of DTC.

In the event that the (i) City determines that DTC is incapable of discharging its responsibilities described herein and in the Representation Letter, (ii) agreement among the City, the Bond Registrar and DTC evidenced by the Representation Letter shall be terminated for any reason or (iii) City determines that it is in the best interests of the beneficial owners of the Bonds that they be able to obtain certificated Bonds, the City shall notify DTC and DTC Participants of the availability through DTC of certificated Bonds and the Bonds shall no longer be restricted to being registered in the Bond Register in the name of Cede, as nominee of DTC. At that time, the City may determine that the Bonds shall be registered in the name of and deposited with such other depository operating a universal book-entry system, as may be acceptable to the City, or

such depository's agent or designee, and if the City does not select such alternate universal book-entry system, then the Bonds may be registered in whatever name or names registered owners of Bonds transferring or exchanging Bonds shall designate, in accordance with the provisions of Section 4(a) hereof.

Notwithstanding any other provisions of this Ordinance to the contrary, so long as any Bond is registered in the name of Cede, as nominee of DTC, all payments with respect to principal of and interest on such Bond and all notices with respect to such Bond shall be made and given, respectively, in the name provided in the Representation Letter.

Section 5. Redemption. (a) *Optional Redemption.* All or a portion of the Bonds, if any, due on and after the date, if any, specified in the Bond Order shall be subject to redemption prior to maturity at the option of the City from any available funds, as a whole or in part, and if in part in integral multiples of $5,000 in any order of their maturity as determined by the City (less than all of the Bonds of a single maturity to be selected by the Bond Registrar), on the date specified in the Bond Order, and on any date thereafter, at the redemption price of par plus accrued interest to the date fixed for redemption.

(b) *Mandatory Redemption.* The Bonds maturing on the date or dates, if any, indicated in the Bond Order are subject to mandatory redemption, in integral multiples of $5,000 selected by lot by the Bond Registrar, at a redemption price of par plus accrued interest to the redemption date, on January 1 of the years, if any, and in the principal amounts, if any, as indicated in the Bond Order.

The principal amounts of Bonds to be mandatorily redeemed in each year may be reduced through the earlier optional redemption thereof, with any partial optional redemptions of such Bonds credited against future mandatory redemption requirements in such order of the mandatory

redemption dates as the City may determine. In addition, on or prior to the 60th day preceding any mandatory redemption date, the Bond Registrar may, and if directed by the Corporate Authorities shall, purchase Bonds required to be retired on such mandatory redemption date. Any such Bonds so purchased shall be cancelled and the principal amount thereof shall be credited against the mandatory redemption required on such next mandatory redemption date.

(c) *General.* The Bonds shall be redeemed only in the principal amount of $5,000 and any authorized integral multiples thereof. The City shall, at least forty-five (45) days prior to any optional redemption date (unless a shorter time period shall be satisfactory to the Bond Registrar) notify the Bond Registrar of such redemption date and of the principal amount and maturity or maturities of Bonds to be redeemed. For purposes of any redemption of less than all of the outstanding Bonds of a single maturity, the particular Bonds or portions of Bonds to be redeemed shall be selected by lot by the Bond Registrar from the Bonds of such maturity by such method of lottery as the Bond Registrar shall deem fair and appropriate; *provided* that such lottery shall provide for the selection for redemption of Bonds or portions thereof so that any $5,000 Bond or $5,000 portion of a Bond shall be as likely to be called for redemption as any other such $5,000 Bond or $5,000 portion. The Bond Registrar shall make such selection upon the earlier of the irrevocable deposit of funds with an escrow agent sufficient to pay the redemption price of the Bonds to be redeemed or the time of the giving of official notice of redemption.

The Bond Registrar shall promptly notify the City in writing of the Bonds or portions of Bonds selected for redemption and, in the case of any Bond selected for partial redemption, the principal amount thereof to be redeemed.

Section 6. Redemption Procedure. Unless waived by any holder of Bonds to be redeemed, notice of the call for any such redemption shall be given by the Bond Registrar on behalf

of the City by mailing the redemption notice by first class mail at least thirty (30) days and not more than sixty (60) days prior to the date fixed for redemption to the registered owner of the Bond or Bonds to be redeemed at the address shown on the Bond Register or at such other address as is furnished in writing by such registered owner to the Bond Registrar.

All notices of redemption shall state:

(a) the redemption date,

(b) the redemption price,

(c) if less than all outstanding Bonds are to be redeemed, the identification (and, in the case of partial redemption, the respective principal amounts) of the Bonds to be redeemed,

(d) that on the redemption date the redemption price will become due and payable upon each such Bond or portion thereof called for redemption, and that interest thereon shall cease to accrue from and after said date,

(e) the place where such Bonds are to be surrendered for payment of the redemption price, which place of payment shall be the office maintained for such purpose by the Bond Registrar, and

(f) such other information then required by custom, practice, or industry standard.

Unless moneys sufficient to pay the redemption price of the Bonds to be redeemed shall have been received by the Bond Registrar prior to the giving of such notice of redemption, such notice may, at the option of the City, state that said redemption shall be conditional upon the receipt of such moneys by the Bond Registrar on or prior to the date fixed for redemption. If such moneys are not received, such notice shall be of no force and effect, the City shall not redeem such Bonds, and the Bond Registrar shall give notice, in the same manner in which the notice of redemption was given, that such moneys were not so received and that such Bonds will not be redeemed. Otherwise, prior to any redemption date, the City shall deposit with the Bond Registrar

an amount of money sufficient to pay the redemption price of all the Bonds or portions of Bonds which are to be redeemed on that date.

Subject to the provisions for a conditional redemption described above, notice of redemption having been given as aforesaid, the Bonds or portions of Bonds so to be redeemed shall, on the redemption date, become due and payable at the redemption price therein specified, and from and after such date (unless the City shall default in the payment of the redemption price) such Bonds or portions of Bonds shall cease to bear interest. Upon surrender of such Bonds for redemption in accordance with said notice, such Bonds shall be paid by the Bond Registrar at the redemption price. Installments of interest due on or prior to the redemption date shall be payable as herein provided for payment of interest. Upon surrender for any partial redemption of any Bond, there shall be prepared for the registered owner a new Bond or Bonds of the same maturity in the amount of the unpaid principal.

If any Bond or portion of Bond called for redemption shall not be so paid upon surrender thereof for redemption, the principal and premium, if any, shall, until paid or duly provided for, bear interest from the redemption date at the rate borne by the Bond or portion of Bond so called for redemption. All Bonds which have been redeemed shall be canceled and destroyed by the Bond Registrar and shall not be reissued.

Section 7. Form of Bonds. The form and tenor of the Bonds shall be substantially as follows, all blanks to be filled in properly prior to delivery:

REGISTERED
NO R-__

REGISTERED
$_____

UNITED STATES OF AMERICA

STATE OF ILLINOIS

COUNTIES OF OGLE AND LEE

CITY OF ROCHELLE

GENERAL OBLIGATION BONDS
(ALTERNATE REVENUE SOURCE), SERIES 2026

Dated Date	Interest Rate	Maturity Date	CUSIP
_____, 20__	_____%	January 1, 20__	771231 ___

Registered Owner: CEDE & CO.

Principal Amount:

KNOW ALL PERSONS BY THESE PRESENTS, that the City of Rochelle, Ogle and Lee Counties, Illinois (the "City"), hereby acknowledges itself to owe and for value received promises to pay to the Registered Owner identified above, or registered assigns as hereinafter provided, on the Maturity Date identified above, the Principal Amount identified above and to pay interest (computed on the basis of a 360-day year of twelve 30-day months) on such Principal Amount from the Dated Date of this Bond identified above or from the most recent interest payment date to which interest has been paid for duly provided for, at the Interest Rate per annum identified above, such interest to be payable on January 1 and July 1 of each year, commencing on _____, 20__, until said Principal Amount is paid. Principal of this Bond is payable in lawful money of the United States of America upon presentation hereof at the office maintained for such purpose by _____, as bond registrar and paying agent (the "Bond Registrar"). Payment of the installments of interest shall be made to the Registered Owner hereof as shown on the registration books of the City maintained by the Bond Registrar, at the close of business on the 15th day (whether or not a business day) of the calendar month next preceding each interest payment date and shall be paid by check or draft of the Bond Registrar, payable upon presentation in lawful money of the United States of America, mailed to the address of such Registered Owner as it appears on such registration books or at such other address furnished in writing by such Registered Owner to the Bond Registrar. For the prompt payment of this Bond, both principal and interest at maturity, the full faith, credit, and resources of the City are hereby irrevocably pledged.

This Bond is one of an authorized issue of "General Obligation Bonds (Alternate Revenue Source), Series 2026 (the "Bonds"), of the City of like date, tenor and effect, except as to rates of interest and dates of maturity; aggregating _____ Dollars ($_____); numbered consecutively from R-1 up; issued for the purpose of paying the costs of the Projects (as defined

in the hereinafter defined Ordinance) and the costs of issuing the Bonds. This Bond is issued pursuant to a bond ordinance adopted by the Mayor and the City Council of the City (the "Corporate Authorities") on the 12th day of January, 2026 (the "Ordinance") and in accordance with the Local Government Debt Reform Act of the State of Illinois, as supplemented and amended (the "Act").

[Optional and mandatory redemption provisions, if any.]

This Bond is transferable by the Registered Owner hereof in person or by his or her attorney duly authorized in writing at the office maintained for such purpose by the Bond Registrar in _____, _____, but only in the manner, subject to the limitations and upon payment of the charges provided in the authorizing ordinance, and upon surrender and cancellation of this Bond. Upon such transfer a new Bond or Bonds of authorized denominations of the same maturity and for the same aggregate principal amount will be issued to the transferee in exchange therefor. The City and the Bond Registrar may deem and treat the Registered Owner hereof as the absolute owner hereof for the purpose of receiving payment of or on account of principal hereof, and interest due hereon and for all other purposes and neither the City nor the Bond Registrar shall be affected by any notice to the contrary.

The City has designated the Bonds as qualified tax-exempt obligations to qualify the bonds for the $10,000,000 exception from the provisions of Section 265(b) of the Internal Revenue Code of 1986 relating to the disallowance of 100% of the deduction for interest expense allocable to tax-exempt obligations.

Bonds maturing in any one year are issuable only in fully registered form in the denomination of $5,000 or any authorized integral multiple thereof.

This Bond is a general obligation of the City payable from the respective revenue sources set forth in the Ordinance. The full faith, credit and resources of the City are pledged to the punctual payment of the principal of and interest on this Bond. This Bond is negotiable, subject to registration provisions, pursuant to the laws of the State of Illinois.

It is hereby certified and recited that all acts, conditions and things required to be done precedent to and in the execution, issuance and delivery of this Bond have been done and performed in regular and due form as provided by law; that the indebtedness of the City, including the issue of the Bonds of which this is one, does not exceed any limitation imposed by law; and that provision has been made for the collection of a direct annual tax sufficient to pay the interest hereon as it falls due and also to pay and discharge the principal hereof at maturity.

This Bond shall not be valid or become obligatory for any purpose until the certificate of authentication hereon shall have been executed by an authorized representative of the Bond Registrar.

IN WITNESS WHEREOF, the City of Rochelle, Ogle and Lee Counties, Illinois, has caused this Bond to be executed by the manual or duly authorized facsimile signature of the Mayor of the City, the seal of said City (or a facsimile thereof) to be affixed, imprinted, engraved, or

otherwise reproduced hereon and attested by the manual or duly authorized facsimile signature of the City Clerk, all as of the Original Date identified above.

CITY OF ROCHELLE, OGLE AND LEE COUNTIES, ILLINOIS

By: _____
Mayor

(SEAL)

Attest:

By: _____
City Clerk

CERTIFICATE OF AUTHENTICATION

This Bond is one of the Bonds described in the within-mentioned Ordinance.

Authentication Date: _____, 2026 _____, as bond registrar

By: _____
Authorized Representative

[End of Form of Bond]

Section 8. Sale of Bonds. The Mayor, the City Clerk, the City Finance Director/Treasurer, and the City Manager (the "Designated Representatives") are hereby authorized to proceed, without any further authorization or direction from the City Council, to sell and deliver the Bonds to Bernardi Securities, Inc. (the "Underwriter"), upon the payment of the price set forth in the Bond Order, the same being not less than 96% of the principal amount of the Bonds plus accrued interest, if any, to date of delivery, it being hereby found and determined that the sale of the Bonds to the Underwriter is in the best interests of the City and that no person holding any office of the City, either by election or appointment, is in any manner financially

interested directly in his own name or indirectly in the name of any other person, association, trust or corporation, in the sale of the Bonds to the Underwriter.

Upon the sale of the Bonds, the Designated Representatives and any other officers of the City as shall be appropriate, shall be and are hereby authorized and directed to approve or execute, or both, such documents of sale of the Bonds as may be necessary, including, without limitation, a Preliminary Official Statement, Official Statement and closing documents.

The distribution of the Preliminary Official Statement relating to the Bonds is hereby in all respects authorized and approved, and the proposed use by the Underwriter of an Official Statement (in substantially the form of the Preliminary Official Statement but with appropriate variations to reflect the final terms of the Bonds) is hereby approved.

Section 9. Alternate Revenue Source; Tax Levy. For the purpose of providing funds required to pay the interest on the Bonds promptly when and as the same falls due, and to pay and discharge the principal thereof at maturity, the City covenants and agrees with the Purchaser and the owners of the Bonds that the City will deposit (i) Airport revenues, (ii) Technology Center revenues, (iii) grants received from the federal government, (iv) any and such other funds of the City lawfully available and annually appropriated for such purpose, and (v) *ad valorem* taxes of the City for which its full faith and credit have been irrevocably pledged, unlimited as to rate or amount, into the Bond Fund (as hereinafter defined). The Pledged Revenues are hereby pledged to the payment of the Bonds, and the Corporate Authorities covenant and agree to provide for, collect and apply the Pledged Revenues to the payment of the Bonds and the provision of not less than an additional .25 times debt service.

For the purpose of providing additional funds to produce sums necessary to pay the interest on the Bonds as it falls due and also pay and discharge the principal thereof at maturity, there shall

be levied upon all the taxable property within the City a direct annual tax (the "Pledged Taxes") for each of the years while the Bonds or any of them are outstanding, in amounts sufficient for that purpose, and that there be and there is hereby levied upon all of the taxable property in the City, in each of the years 2025 (collectible in 2026) to 2035 (collectible in 2036) a maximum direct annual tax in the amount of $700,000, such amount to be finalized in the Bond Order.

Principal or interest coming due at any time when there are not sufficient funds on hand from the foregoing tax levy to pay the same shall be paid from current funds on hand of the City, and the fund from which such payment was made shall be reimbursed out of the taxes hereby levied when the same shall be collected.

The City covenants and agrees with the Purchaser and the holders of the Bonds that so long as the Bonds remain outstanding, the City will take no action or fail to take any action which in any way would adversely affect the ability of the City to levy and collect the foregoing tax levy, unless the abatement of any particular tax levy amount has been provided for through the deposit of moneys in a segregated account, and the City and its officers will comply with all present and future applicable laws in order to assure that the Pledged Revenues will be available and the Pledged Taxes will be levied, extended and collected as provided herein and deposited in the Bond Fund established to pay the principal of and interest on the Bonds.

The funds derived from the tax levy be and the same are hereby appropriated and set aside for the sole and only purpose of paying principal and interest on said Bonds when and as the same become due. The funds from the sale of said Bonds be and they are hereby appropriated and set aside for the purpose hereinbefore set out.

If the City deposits funds from any lawful source into the Bond Fund, the City Clerk shall file written direction with the County Clerks of The Counties of Ogle and Lee, Illinois (the "County

Clerks") to abate the taxes by the amount so deposited, and such deposits shall be made prior to any such abatement being filed with the County Clerks.

Section 10. Filing of Ordinance. Forthwith upon the passage of this Ordinance, the City Clerk of the Corporate Authorities is hereby directed to file a certified copy of this Ordinance with the County Clerks, and it shall be the duty of the County Clerks to annually in and for each of the years 2025 to 2035, inclusive, ascertain the rate necessary to produce the tax herein levied, and extend the same for collection on the tax books against all of the taxable property within the City in connection with other taxes levied in each of said years for city purposes, in order to raise the respective amounts aforesaid and in each of said years such annual tax shall be computed, extended and collected in the same manner as now or hereafter provided by law for the computation, extension and collection of taxes for general city purposes of the City, and when collected, the taxes hereby levied shall be placed to the credit of the Bond Fund, which taxes are hereby irrevocably pledged to and shall be used only for the purpose of paying the principal of and interest on the Bonds; and a certified copy of this Ordinance shall also be filed with the Treasurer.

Section 11. Abatement of Pledged Taxes. Whenever the Pledged Revenues or other lawfully available funds are available to pay any principal of or interest on the Bonds when due, so as to enable the abatement of Pledged Taxes levied for the same, the City will direct the deposit of such Pledged Revenues and such funds into the Bond Fund created solely for such purpose. The City will direct the abatement of the Pledged Taxes by the amount of such deposit, and proper notification of such abatement will be filed with the County Clerks in a timely manner. The City pledges to abate the levy for the Bonds only upon full funding of the Bond Fund in the appropriate levy amount.

If for any reason there is a failure to pay debt service after such abatement, the additional amount, together with additional interest accruing, shall be added to the tax levy in the year of, or the next year following, such failure.

Section 12. Alternate Bonds. The Bonds are and constitute Alternate Bonds under the Debt Reform Act, anticipated to be payable from the Pledged Revenues, as applicable. Under and pursuant to Section 15 of the Debt Reform Act, the full faith and credit of the City are irrevocably pledged to the punctual payment of the principal of, premium, if any, and interest on the Bonds; the Bonds shall be direct and general obligations of the City; and the City shall be obligated to levy the Pledged Taxes for the payment of the Bonds and the interest thereon.

The Pledged Revenues are determined by the Corporate Authorities to be sufficient to provide for or pay in each year to final maturity of the Bonds all of the following: (1) the debt service on all outstanding revenue bonds payable from the Pledged Revenues, (2) all amounts required to meet any fund or account requirements with respect to such outstanding revenue bonds, (3) other contractual or tort liability obligations, if any, payable from such Pledged Revenues, and (4) in each year, an amount not less than 1.25 times debt service of all (i) Alternate Bonds payable from such Pledged Revenues previously issued and outstanding, and (ii) Alternate Bonds payable from such Pledged Revenues proposed to be issued, including the Bonds and the outstanding Alternate Bonds, to the extent they are payable from the Pledged Revenues. The Pledged Revenues are determined by the Corporate Authorities to provide in each year an amount not less than 1.25 times debt service (as defined in Section 3 of the Debt Reform Act) of Alternate Bonds payable from such revenue sources previously issued and outstanding, and Alternate Bonds proposed to be issued. Such conditions enumerated need not be met for that amount of debt service (as defined in Section 3 of the Debt Reform Act) provided for by the setting aside of proceeds of

bonds or other moneys at the time of the delivery of such bonds. The Pledged Revenues are determined by the Corporate Authorities to provide in each year all amounts required to meet any fund or account requirements with respect to this Ordinance, any contractual or tort liability obligations, if any, payable from Pledged Revenues, and an amount not less than 1.25 times debt service (as defined in Section 3 of the Debt Reform Act) of all of the outstanding Bonds payable from such Pledged Revenues. The determination of the sufficiency of the Pledged Revenues is expected to be supported by reference to the most recent audit or Annual Financial Report of the City, which audit is for a 12-month period from May 1 through April 30 of the following year (the "Fiscal Year") ending not earlier than 18 months previous to the time of issuance of the Bonds, and not otherwise a "report" under Section 15 of the Debt Reform Act shall be prepared.

Section 13. Treatment of Bonds as Debt. The Bonds shall be payable from the Pledged Revenues, as applicable, and shall not constitute an indebtedness of the City within the meaning of any constitutional or statutory limitation, unless the Pledged Taxes have been extended pursuant to the general obligation, full faith and credit promise supporting the Bonds, in which case the amount of the outstanding Bonds will be included in the computation of indebtedness of the City for purposes of all statutory provisions or limitations until an audit of the City shows that the Bonds have been paid from the Pledged Revenues for a complete fiscal year, in accordance with the Debt Reform Act.

Section 14. Costs of Issuance. Costs of issuance of the Bonds not otherwise paid shall be paid from the remaining proceeds by the City. When all the costs of issuance of the Bonds have been paid, the City shall then transfer any amount then remaining from the proceeds of the Bonds to the Bond Fund as herein provided.

Section 15. Bond Fund. There is hereby created and established a special fund of the City known as the "Alternate Bond Fund" (the "Bond Fund"), to be held by the Treasurer, which is a trust fund established for the purpose of carrying out the covenants, terms and conditions imposed upon the City by this Ordinance. The Bond Fund shall be the fund for the payment of the principal of and interest on the Bonds at maturity or on interest payment dates or redemption. Any capitalized interest included in the proceeds of the sale of the Bonds shall be deposited in the Bond Fund for the payment of interest on the Bonds, and the Pledged Taxes and Pledged Revenues shall be deposited into the Bond Fund, as received, and shall be used solely and only for the payment of principal and interest on the Bonds when due (including any redemption). The Bonds are secured by a pledge of all moneys on deposit in the Bond Fund, and such pledge is irrevocable until the Bonds have been paid in full or until the obligations of the City are discharged under this Ordinance. Accrued interest and premium received at the time of delivery of the Bonds, if any, shall be deposited in the Bond Fund.

Section 16. Project Fund. There is hereby created and established a special fund of the City known as the "Project Fund" (the "Project Fund") to be held by the Treasurer. Proceeds of the Bonds shall be deposited in the Project Fund, and the Project Fund shall be used for the purpose of paying for the costs of the Projects, and costs of issuance. For the purpose of paying first interest due on the Bonds, an amount necessary for that purpose may be loaned from the Project Fund to the Bond Fund. Said amount shall be reimbursed to the Project Fund from the Bond Fund as Pledged Revenues and/or Pledged Taxes are received and available therefor. Additional loans from the Project Fund to the Bond Fund to pay debt service on the Bonds may be made upon further direction by the Corporate Authorities so long as provision is made to reimburse the Project Fund with Pledged Revenues and/or Pledged Taxes.

Interest received from deposits in the Project Fund shall, at the discretion of the Corporate Authorities, either be transferred for the payment of the principal of and interest on the Bonds on the interest payment date next after such interest is received or retained in the Project Fund.

In the event that any moneys remain in the Project Fund upon completion of the Projects, the City shall deposit the remaining moneys in the Project Fund into the Bond Fund and shall cause such moneys to be used to pay the interest on the Bonds on the earliest possible date.

Section 17. Additional Funds and Accounts. In addition to the funds established hereunder, the Mayor is hereby authorized and directed to establish, and the Treasurer is further authorized to hold, any and all funds and/or accounts they deem necessary or convenient to the accomplishment of the purposes set forth in this Ordinance.

Section 18. Defeasance of the Bonds. If, when the Bonds or a portion thereof shall have become due and payable in accordance with their terms or shall have been duly called for redemption or irrevocable instructions to call the Bonds or a portion thereof for redemption shall have been given, and the whole amount of the principal and the interest and the premium, if any, so due and payable upon all of the Bonds or a portion thereof then outstanding shall be paid; or (i) sufficient moneys or (ii) direct obligations of the United States (including obligations issued or held in book entry form on the books of the Department of the Treasury), the principal of and the interest on which when due will provide sufficient moneys for such purpose, shall be held in trust for such purpose, and provision shall also be made for paying all fees and expenses for the redemption, then and in that case the Bonds or any designated portion thereof issued hereunder shall no longer be deemed outstanding or entitled to any pledge of the Pledged Taxes or the Pledged Revenues made herein.

Section 19. Investment of Moneys. Moneys in the Bond Fund and the Project Fund may be invested by the Treasurer in lawful investments for the City. All income earned or losses sustained on such investments shall be credited to the Fund or Account from which the investments were made.

Section 20. Parity Bonds; Additional Bonds.

A. *Parity Bonds*.

The City reserves the right to issue additional bonds ("Additional Bonds") or any other obligations, if any, which share ratably and equally in the applicable Pledged Revenues, as set forth and provided for in any such ordinance authorizing the issuance of any such parity bonds ("Parity Bonds") without limit provided that the applicable Pledged Revenues as determined or as adjusted as hereinbelow set out shall be sufficient to provide for or pay all of the following: (a) all amounts required to meet any fund or account requirements with respect to such outstanding bonds; (b) other contractual or tort liability obligations then due and payable, if any; and (c) an additional amount not less than 0.25 times the maximum annual debt service on such of the Alternate Bonds as shall remain outstanding after the issuance of the proposed Parity Bonds. Such sufficiency shall be calculated for each year to the final maturity of such Alternate Bonds which shall remain outstanding after the issuance of the proposed Parity Bonds. The determination of the sufficiency of applicable Pledged Revenues shall be supported by reference to the City's most recent audit, which audit shall be for a Fiscal Year ending not earlier than eighteen (18) months previous to the time of issuance of the proposed Parity Bonds.

If such audit shows the applicable Pledged Revenues to be insufficient, then the determination of sufficiency may be supported by the report of an independent accountant or feasibility analyst having a national reputation for expertise in such matters, demonstrating the

sufficiency of the applicable Pledged Revenues and explaining by what means they will be greater than as shown in the audit.

The reference to and acceptance of an audit, or a report, as the case may be, and the determination of the Corporate Authorities of the sufficiency of the applicable Pledged Revenues shall be conclusive evidence that the conditions of this Section have been met and that the Parity Bonds are properly issued hereunder; and no right to challenge such determination is granted to the registered owners of the Bonds.

B. *Additional Bonds*.

The City reserves the right to issue Additional Bonds from time to time payable from the applicable Pledged Revenues, and any such Additional Bonds shall share ratably and equally in the applicable Pledged Revenues with the Bonds; provided, however, that no Additional Bonds shall be issued except in accordance with the provisions of the Act.

Section 21. Amendments with Consent of Bondholders. Subject to the terms and provisions contained in this Section, and not otherwise, the owners of not less than sixty-six and two-thirds percent (66⅔%) in aggregate principal amount of the Bonds issued pursuant to this Ordinance and then outstanding shall have the right from time to time, anything contained in this Ordinance to the contrary notwithstanding, to consent to and approve the adoption by the City of such ordinance or ordinances supplemental hereto or amendatory hereof, as shall be deemed necessary or desirable by the City for the purpose of modifying, altering, amending, adding to or rescinding in any particular manner any of the terms or provisions contained in this Ordinance, or in any supplemental ordinance; provided, however, that nothing herein contained shall permit or be construed as permitting:

(a) An extension of the maturity of the principal of or interest on any Bond issued pursuant to this Ordinance; or

(b) A reduction in the principal amount of any Bond or the rate of interest thereon; or

(c) A preference or priority of any Bond or Bonds issued pursuant to this Ordinance over any other Bond or Bonds issued pursuant to the provisions of this Ordinance; or

(d) A reduction in the aggregate principal amount of the Bonds required for consent to such supplemental ordinance.

If the owners of not less than sixty-six and two-thirds percent (66⅔%) in aggregate principal amount of the Bonds outstanding at the time of adoption of such supplemental ordinance shall have consented to and approved the adoption thereof by written instrument to be maintained on file in the office of the City Clerk, no owner of any Bond issued pursuant to this Ordinance shall have any right to object to the adoption of such supplemental ordinance or to object to any of the terms and provisions contained therein or the operation thereof, or in any manner to question the propriety of the adoption thereof, or to enjoin or restrain the City from adopting the same, or from taking any action pursuant to the provisions thereof. Upon the adoption of any supplemental ordinance pursuant to the provisions of this section, this Ordinance shall be, and shall be deemed, modified and amended in accordance therewith, and the respective rights, duties and obligations of the City under this Ordinance and all owners of Bonds then outstanding, shall thereafter be determined, exercised and enforced in accordance with this Ordinance, subject in all respects to such modifications and amendments. Notwithstanding anything contained in the foregoing provisions of this Ordinance, the rights and obligations of the City and of the owners of the Bonds authorized by this Ordinance, and the terms and provisions of the Bonds and this Ordinance, or any supplemental or amendatory ordinance, may be modified or altered in any respect with the consent of the City and the consent of the owners of all the Bonds then outstanding.

Section 22. Pledged Revenues; General Covenants. The City covenants and agrees with the registered owners of the Bonds, so long as any such Bonds remain Outstanding, as follows:

A. The Pledged Revenues are pledged to the payment of the Bonds. The Corporate Authorities will provide for, collect and apply the Pledged Revenues to the payment of the Bonds as are from time to time outstanding and the provision of not less than an additional 0.25 times debt service thereon, all in accordance with Section 15 of the Act.

B. The City will punctually pay or cause to be paid from the sources provided for in this Ordinance, the principal of and interest to become due on the Bonds in strict conformity with the terms of the Bonds and this Ordinance, and it will faithfully observe and perform all of the conditions, covenants and requirements thereof.

C. The City will pay and discharge, or cause to be paid and discharged, from the Bond Fund, any and all lawful claims which, if unpaid, might become a lien or charge upon the Pledged Revenues or Pledged Taxes, or any part thereof, or upon any such funds in the hands of the Bond Registrar, or which might impair the security of the Bonds. Nothing herein contained shall require the City to make any such payment so long as the City in good faith contests the validity of said claims.

D. The City will keep, or cause to be kept, proper books of record and accounts, separate from all other records and accounts of the City, in which complete and correct entries will be made of all transactions relating to the Pledged Revenues, the Pledged Taxes and the Bond Fund. Such books of record and accounts will at all times during business hours be subject to the inspection of the holders of not less than ten percent (10%) of the principal amount of the outstanding Bonds or their representatives authorized in writing.

E. The City will preserve and protect the security of the Bonds and the rights of the registered owners of the Bonds and will warrant and defend their rights against all claims and demands of all persons. From and after the sale and delivery of any of the Bonds by the City, to the extent lawful the Bonds shall be incontestable by the City.

F. The City will adopt, make, execute and deliver any and all such further ordinances, instruments and assurances as may be reasonably necessary or proper to carry out the intention of, or to facilitate the performance of, this Ordinance, and for the better assuring and confirming unto the owners of the Bonds of the rights and benefits of this Ordinance.

G. As long as any Bonds are outstanding, the City will continue to deposit the Pledged Revenues and, if necessary, the Pledged Taxes into the Bond Fund. The City covenants and agrees with the purchasers of the Bonds and with the registered owners thereof that so long as any Bonds remain outstanding, the City will take no action or fail to take any action which in any way would adversely affect the ability of the City to collect the Pledged Revenues. The City and its officers will comply with all present and future applicable laws in order to assure that the Pledged Revenues will be available and that the Pledged Taxes will be levied, extended and collected as provided in this Ordinance and deposited in the Bond Fund.

H. Once issued and while outstanding, the Bonds shall be and forever remain until paid or defeased the general obligation of the City, for the payment of which its full faith and credit are pledged, and shall be payable from, in addition to the Pledged Revenues as herein provided, the levy of the Pledged Taxes as provided in the Act.

Section 23. Non-Arbitrage and Tax-Exemption. The City hereby covenants that it will not take any action, omit to take any action or permit the taking or omission of any action within its control (including, without limitation, making or permitting any use of the proceeds of

the Bonds) if taking, permitting or omitting to take such action would cause any of the Bonds to be an arbitrage bond or a private activity bond within the meaning of the Internal Revenue Code of 1986, as amended (the "Code") or would otherwise cause the interest on the Bonds to be included in the gross income of the recipients thereof for federal income tax purposes. The City acknowledges that, in the event of an examination by the Internal Revenue Service (the "IRS") of the Bonds, under present rules, the City may be treated as the "taxpayer" in such examination and agrees that it will respond in a commercially reasonable manner to any inquiries from the IRS in connection with such an examination.

The City also agrees and covenants with the purchasers and holders of the Bonds from time to time outstanding that, to the extent possible under Illinois law, it will comply with whatever federal tax law is adopted in the future which applies to the Bonds and affects the tax-exempt status of the Bonds.

The City Council hereby authorizes the officials of the City responsible for issuing the Bonds, the same being the Mayor, City Clerk, and City Treasurer, to make such further covenants and certifications as may be necessary to assure that the use thereof will not cause the Bonds to be arbitrage bonds and to assure that the interest on the Bonds will be exempt from federal income taxation. In connection therewith, the City and the City Council further agree: (a) through their officers, to make such further specific covenants, representations as shall be truthful, and assurances as may be necessary or advisable; (b) to consult with counsel approving the Bonds and to comply with such advice as may be given; (c) to pay to the United States, as necessary, such sums of money representing required rebates of excess arbitrage profits relating to the Bonds; (d) to file such forms, statements, and supporting documents as may be required and in a timely

manner; and (e) if deemed necessary or advisable by their officers, to employ and pay fiscal agents, financial advisors, attorneys, and other persons to assist the City in such compliance.

Section 24. Bank Qualification. The City hereby designates each of the Bonds as a "qualified tax-exempt obligation" for the purposes and within the meaning of Section 265(b)(3) of the Code.

Section 25. List of Bondholders. The Bond Registrar shall maintain a list of the names and addresses of the holders of all Bonds and upon any transfer shall add the name and address of the new Bondholder and eliminate the name and address of the transferor Bondholder.

Section 26. Duties of Bond Registrar. If requested by the Bond Registrar, the Mayor and City Clerk are authorized to execute the Bond Registrar's standard form of agreement between the City and the Bond Registrar with respect to the obligations and duties of the Bond Registrar hereunder which may include the following:

(a) to act as bond registrar, authenticating agent, paying agent and transfer agent as provided herein;

(b) to maintain a list of Bondholders as set forth herein and to furnish such list to the City upon request, but otherwise to keep such list confidential;

(c) to cancel and/or destroy Bonds which have been paid at maturity or submitted for exchange or transfer;

(d) to furnish the City at least annually a certificate with respect to Bonds cancelled and/or destroyed; and

(e) to furnish the City at least annually an audit confirmation of Bonds paid, Bonds outstanding and payments made with respect to interest on the Bonds.

Section 27. Repeal. All ordinances or parts thereof in conflict herewith be and the same are hereby repealed, and this Ordinance shall be in full force and effect forthwith upon its adoption and approval as provided by law.

ADOPTED this 12th day of January, 2026 by a roll call vote as follows:

AYES: _____.

NAYS: _____.

ABSENT: _____.

APPROVED this 12th day of January, 2026.

_____
Mayor

ATTEST:

_____
City Clerk

Commissioner _____ moved and Commissioner _____ seconded the motion that said Ordinance as presented and read by title by the City Clerk be adopted.

After a full discussion thereof, the Mayor directed that the roll be called for a vote upon the motion to adopt said Ordinance as presented and read by title.

Upon the roll being called, the following Commissioners voted AYE: _____

_____

and the following Commissioners voted NAY: _____.

Whereupon the Mayor declared the motion carried and said Ordinance adopted, approved, and signed the same in open meeting and directed the City Clerk to record the same in full in the records of the City Council of the City of Rochelle, Ogle and Lee Counties, Illinois, which was done.

Other business not pertinent to the adoption of said Ordinance was duly transacted at said meeting.

Upon motion duly made, seconded and carried, the meeting was adjourned.

_____
City Clerk

STATE OF ILLINOIS)
) SS
COUNTY OF OGLE)

CERTIFICATION OF MINUTES AND ORDINANCE

I, the undersigned, do hereby certify that I am the duly qualified and acting City Clerk of the City of Rochelle, Ogle and Lee Counties, Illinois (the "City"), and as such official am the keeper of the official journal of proceedings, books, records, minutes, and files of the City Council (the "Corporate Authorities").

I further certify that the foregoing is a full, true, and complete transcript of that portion of the minutes of the meeting of the Corporate Authorities held on the 12th day of January, 2026, insofar as the same relates to the adoption of Ordinance No. _____ entitled:

> AN ORDINANCE authorizing and providing for the issuance not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

a true, correct, and complete copy of which said Ordinance as adopted at said meeting appears in the foregoing transcript of the minutes of said regular public meeting.

I do further certify that the deliberations of the Corporate Authorities on the adoption of said Ordinance were conducted openly, that the vote on the adoption of said Ordinance was taken openly, that said meeting was held at a specified time and place convenient to the public, that notice of said meeting was duly given to all of the news media requesting such notice, that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and that the City has complied with all of the provisions of said Act and with all of the procedural rules of the Corporate Authorities.

IN WITNESS WHEREOF, I hereunto affix my official signature and seal of said City, this 12th day of January, 2026.

_____
City Clerk

(SEAL)

STATE OF ILLINOIS)
) SS
COUNTY OF OGLE)

FILING CERTIFICATE

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of Ogle County, Illinois, and as such official I do further certify that on the ____ day of _____, 2026, there was filed in my office a duly certified copy of Ordinance No. _____ entitled:

> AN ORDINANCE authorizing and providing for the issuance of not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

duly adopted by the City Council of the City of Rochelle, Ogle and Lee Counties, Illinois, on the 12th day of January, 2026, and that the same has been deposited in the official files and records of my office.

IN WITNESS WHEREOF, I hereunto affix my official signature and the seal of said County, this ____ day of _____, 2026.

_____
County Clerk of Ogle County, Illinois

(SEAL)

STATE OF ILLINOIS)
) SS
COUNTY OF LEE)

FILING CERTIFICATE

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of Lee County, Illinois, and as such official I do further certify that on the ____ day of _____, 2026, there was filed in my office a duly certified copy of Ordinance No. _____ entitled:

> AN ORDINANCE authorizing and providing for the issuance of not to exceed $5,000,000 aggregate principal amount General Obligation Bonds (Alternate Revenue Source), Series 2026, of the City of Rochelle, Ogle and Lee Counties, Illinois, and for the levy of a direct annual tax sufficient to pay the principal of and interest on said bonds.

duly adopted by the City Council of the City of Rochelle, Ogle and Lee Counties, Illinois, on the 12th day of January, 2026, and that the same has been deposited in the official files and records of my office.

IN WITNESS WHEREOF, I hereunto affix my official signature and the seal of said County, this ____ day of _____, 2026.

_____
County Clerk of Lee County, Illinois

(SEAL)

File Attachments for Item:

4. An Ordinance Awarding a Contract to TAPP, Inc for the Purchase of Steel Poles

ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING

SUBJECT: Ordinance Awarding a Contract to TAPP, Inc for the Purchase of Steel Poles.

Staff Contact: Blake Toliver Director of Electric Operations

Summary: Bids were received on November 13, 2025, for the purchase of steel transmission poles associated with the Ritchie Road to Centerpoint Line Project. The project was publicly advertised on 10/17/25, and bid notifications were distributed to ten potential vendors, resulting in three qualified submissions.

The bid results were as follows:

Vendor	Bid Total	Lead Time
MVA Power	$1,297,702.46	26 Weeks
TAPP, Inc.	$1,475,246.00	64–65 Weeks
ROHN Products	$2,115,800.00	42–46 Weeks

Analysis

MVA Power submitted the apparent low bid with no major specification exceptions and an acceptable schedule. However, subsequent vendor review revealed that although MVA is based in Canada, the poles would be manufactured in China. This presents heightened concerns related to material quality control, overseas shipping reliability, and exposure to potential tariff cost fluctuations.

BHMG Engineers conducted interviews and contacted project references for MVA Power. While none of the reported issues were catastrophic, they were notable enough to present risk to the City on a critical infrastructure project. Conversely, TAPP, Inc. has strong demonstrated experience with similar steel pole projects and is regarded as a reliable supplier. TAPP has also committed to shipping standard and WPE poles early to help support construction phasing. The current project schedule can accommodate TAPP's longer overall lead time.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
Electric Funds		$1,475,246.00

Strategic Plan Goal Application: CORE service Delivery

Recommendation: Approve an Ordinance Awarding a Contract to TAPP, Inc for the Purchase of Steel Poles.

BHMG E
9735 Landmark Parkway Drive
Suite 110A
St. Louis, MO 63127

Blake Toliver

December 30, 2025

Electric Department / Rochelle Municipal Utilities
E: btoliver@rmu.net
P: 815.901.5257

Ref: 2200K001 – Ritchie to Centerpoint Steel Poles Purchase

Dear Mr. Toliver,

The city received and opened bids on November 13th at 2:00pm for the steel pole purchase, a part of the Ritchie to Centerpoint Line project. The bid opportunity was sent to the Rochelle News Leader newspaper for advertisement on 10/17/25, and the bid notice was also emailed out to 10 potential bidders. A total of three (3) bids were received on time and have been reviewed for completeness and ability to meet specification requirements. A summary of bids is shown below:

Steel Pole Bid Comparison		Total Price	Total Weight (lb)	Steel Cost ($/lb)	Lead Time
Bidder	MVA Power	$ 1,297,702.46	505,983.00	$ 2.56	26 Weeks
	ROHN Products	$ 2,115,800.00	635,607.00	$ 3.33	42-46 Weeks
	TAPP, Inc	$ 1,475,246.00	502,731.00	$ 2.93	64-65 Weeks

The bid from MVA Power was the apparent low bid totaling $1,297,702.46 for Specification 2200K001. No major exceptions were listed, and the lead time was acceptable. We have not had any past projects with MVA Power, so we had a meeting with them to assess their qualifications and past experiences, and we also have contacted multiple of their listed references. References had issues of varying degrees, although none that were catastrophic to their projects, and many would work with MVA Power again. However, during a phone interview with MVA Power, we learned that although they are based in Canada, the country of manufacture is China, which presents elevated risks of quality, international shipping delays, and tariff price escalations.

Due to these various risks, BHMG recommends awarding the contract to TAPP, Inc. for the Steel Pole Purchase as they have the second lowest bid and have a strong experience of similar projects. Due to recent shifts in project constraints, the schedule can also accommodate the longer lead time. Additionally, TAPP has agreed to ship standard and WPE poles early to help meet construction constraints.

With the City's approval, release, and financial approval, BHMG will assist in issuing contract documents. Should you have any questions concerning the proposals or the project, please do not hesitate to contact us.

Sincerely,

Ben Klene, P.E.
Department Manager

Enclosures: Bid Tab, Bids

BHMG

2200 Rochelle Municipal Utilities- Ritchie to Centerpoint Steel Pole Procurement

BIDDERS / PROPOSALS	ROHN	TAPP, Inc.	MVA Power, Inc.	
BID SECURITY	5%	5%	5%	
Furnish the Goods & Special Services for the Equipment Purchase	$2,115,800.00	$1,475,246.00	$1,297,702.46	
PROJECT COMPLETION TIME - PROPOSAL 1	42-46 Weeks	62-63 Weeks	25-26 Weeks	
	✓ Registered Bidder	✓ Registered Bidder	✓ Registered Bidder	✓ Registered Bidder
	✓ Non-Collusion Affidavit	✓ Non-Collusion Affidavit	✓ Non-Collusion Affidavit	Non-Collusion Affidavit
	✓ Bid Bond	✓ Bid Bond	✓ Bid Bond	Bid Bond
	✓ Bid Form	✓ Bid Form	✓ Bid Form	Bid Form
	Any other documents as required by the specification	Any other documents as required by the specificaton	Any other documents as required by the specificaton	Any other documents as required by the specificaton

BHMG ENGINEERS, INC.
Consulting Engineers
9735 Landmark Parkway Dr., Suite 110A
St. Louis, MO 63127

Rochelle Municipal Utilities
Ritchie to Centerpoint
Steel Pole Procurement
Bids Received 11/13/25, 2:00 p.m.

Bid Opening Witnesses:

City:

BHMG: Amy M Woodridge

ADDENDUM NO. 1

FOR

ROCHELLE MUNICIPAL UTILITIES

STEEL POLE PROCUREMENT
2200 K001

October 30, 2025

ADD-1

1. The bid due date has changed to November 13, 2025. The time and location remain the same.

END OF ADDENDUM

Please confirm receipt of this Addendum by signing and emailing to awooldridge@bhmg.com

Name Charly-Marc Hadid Charly-Marc

Company MVA POWER INC

BHMG

ROCHELLE MUNICIPAL UTILITIES

RITCHIE TO CENTERPOINT 34.5KV LINE

STEEL POLE PROCUREMENT

2200 K001

October 17, 2025

RMU Rochelle MUNICIPAL UTILITIES

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00130	Invitation for Bids
P-200	Instructions to Bidders
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00420	Qualifications
00430	Bid Bond
P-520	Agreement
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DIVISION 1 – GENERAL REQUIREMENTS

01027	Applications for Payment
01340	Shop Drawings, Product Data and Samples
01450	Quality Control
01610	Product Requirements
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SPECIFICATION DOCUMENTS

Appendix 1 Itemized Proposal
Appendix 2 Pole Data Summary Table
Appendix 3 Underbuild Appurtenances

SPECIFICATIONS

General Specifications & Requirements
RUS Bulletin 1724E-204
RUS Bulletin 1724E-214

DRAWINGS

2200-TBP-69G-STL	Alternating Braced Post Tangent
2200-TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle
2200-TBP-69GB-ENG-DDA	Vertical Braced Post Tangent/Light Angle on Drilled Pier W/ Double Davit Arms
2200-TS-4G-ENG	I-String Running Angle on Drilled Pier
2200-TS-4G-1-MOD-ENG	Modified I-String Running Angle on Drilled Pier
2200-TS-69DE-UG-ENG	In-Line Deadend on Drilled Pier W/ 34.5kV Termination
2200-TS-RISER-STL	In-Line Deadend on Arms W/ 34.5kV Termination
2200-TS-5G-ENG	Corner Deadend on Drilled Pier
2200-TS-5GA-ENG	Large Angle Deadend on Drilled Pier
2200-TS-5GG-MOD-ENG	3-Way Deadend Tap W/ Modified Spacing on Drilled Pier
2200-TM-3V-VERT-STL	Vertical 69kV Switch
2200-DETAILS	Steel Details

SUPPLEMENTAL DRAWINGS

B2901054B11074AX	MacLean Braced Post Insulator Assembly
S14080038MXSS019	MacLean Transmission Suspension Insulator Assembly
H29C10031MXSS016	MacLean Line Post Insulator Assembly
P250043S1020	Hubble Quadri-Sil Line Post Series 250
1GL069203SN	SEECO 69kV One-Way Switch W/ SUMO Operator
TB----144SPX-	PUPI Tangent Assembly – 12FT
DA4000144E4SPX-	PUPI 4000 Deadend Assembly – 12FT

Seals and Signatures

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed professional under the laws of the State of Illinois.

Reid Aebischer

10/17/2025

Signature Date

Discipline: Engineer, Illinois License #: 062.076713
License Expires: 11/30/2025

INVITATION FOR BIDS

Rochelle Municipal Utilities, Ogle County, Illinois will receive sealed bids for:

Ritchie to Centerpoint 34.5kV Line
Steel Pole Procurement

until 2:00 p.m. local time on November 6, 2025, at the City of Rochelle, 420 N. 6th Street, Rochelle, IL 61068.

The plans and specifications are on file with the said City of Rochelle for viewing purposes only.

Copies of the documents may be acquired from BHMG Engineers, Inc., 9735 Landmark Parkway Suite 110A, St. Louis, Missouri 63127, Consulting Engineers for the said Board. Please email Amy Wooldridge, AWooldridge@bhmg.com with request.

Bids shall be received for the aforementioned items.

A certified check or bank draft on a responsible, solvent bank, or a satisfactory bid bond executed by the bidder and an acceptable surety company, payable to the City of Rochelle, John Bearrows, Mayor or Government Bonds or cash in the amount of not less than five percent (5%) of bid, shall be submitted with each bid.

The bid shall be marked to identify bid package contents, reference specification 2200 K001.

The successful bidder will be required to:

- Register as a bidder for this project.
- Furnish **in duplicate** the following executed documents:
  - Non-Collusion Affidavit
  - Bid Form
  - Bid Bond, Certified Check or Money Order
  - And any other documents as required by the specifications.

No bid shall be withdrawn after the opening of bids without the consent of the Utility for a period of sixty (60) days after the scheduled time of closing bids.

The said City of Rochelle reserves the right to reject any or all bids and to waive any informalities in bidding, and to determine and accept the bid most advantageous to the Utility.

Date: October 17, 2025

City of Rochelle, Illinois
John Bearrows, Mayor

Instructions to Bidders

ARTICLE 1 - DEFINED TERMS

1.01 Terms used in these Instructions to Bidders will have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below.

A. *Issuing Office* – The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered.

ARTICLE 2 - BIDS RECEIVED

2.01 Refer to Article 14 of this section for information on receipt of Bids.

ARTICLE 3 - COPIES OF BIDDING DOCUMENTS

3.01 Complete sets of the Bidding Documents in the number and for the deposit sum, if any, stated in the advertisement or invitation to bid may be obtained from the Issuing Office.

3.02 Complete sets of the Bidding Documents shall be used in preparing Bids; neither Buyer nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

3.03 Buyer and Engineer have made copies of Bidding Documents available on the above terms only for the purpose of obtaining Bids for furnishing Goods and Special Services and do not authorize or confer a license for any other use.

ARTICLE 4 - QUALIFICATIONS OF BIDDERS

4.01 To demonstrate Bidder's qualifications to furnish Goods and Special Services, within five days of Buyer's request Bidder shall submit written evidence, such as financial data and previous experience.

4.02 Bidder is advised to carefully review those portions of the Bid Form requiring Bidder's representations and certifications.

ARTICLE 5 - EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND POINT OF DESTINATION

5.01 Upon request, the Buyer will provide Bidder access to the Point of Destination and the site where Goods are to be installed, or Special Services are to be provided so that Bidder may conduct such investigations, examinations, tests, and studies as Bidder deems necessary for submission of a Bid.

5.02 It is the responsibility of each Bidder before submitting a Bid to:

A. Examine and carefully study the Bidding Documents, including any Addenda, and the related data identified in the Bidding Documents.

B. Visit the Point of Destination and the site where the Goods are to be installed and Special Services are to be provided to become familiar with the local conditions if required by the Bidding Documents to do so, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Become familiar with and satisfy itself as to all Laws and Regulations that may affect cost, progress, or the furnishing of the Goods and Special Services

D. Carefully study, consider, and correlate the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods are to be installed or Special Services are to be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Contract Documents.

E. Promptly give Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing Goods and Special Services.

5.03 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 5, that without exception the Bid is premised upon furnishing Goods and Special Services required by the Bidding Documents, that Bidder has given Engineer written notice of all conflicts, errors, ambiguities and discrepancies that Bidder has discovered in the Bidding Documents and the written resolutions (if any) thereof by Engineer are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing Goods and Special Services.

ARTICLE 6 - PRE-BID CONFERENCE *Not Used*

ARTICLE 7 - INTERPRETATIONS AND ADDENDA

7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer in writing. Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by Engineer as having received the Bidding Documents. Questions received less than ten days prior to the date for opening of Bids will not be answered. Only answers in the Addenda will be binding. Oral statements, interpretations, and clarifications may not be relied upon and will not be binding or legally effective.

7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Buyer or Engineer.

ARTICLE 8 - BID SECURITY *Not Used*

ARTICLE 9 - CONTRACT TIMES *Not Used*

ARTICLE 10 - LIQUIDATED DAMAGES

10.01 Any provisions for liquidated damages, such as those for *Seller's* failure to attain a Milestone, or to deliver the Goods *or furnish Special Services within the Contract Times*, are set forth in the Agreement.

ARTICLE 11 - "OR-EQUAL" ITEMS

11.01 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents, including the Addenda. Bidders may propose "or equal" materials and equipment, which if approved by Engineer will be identified by Addendum. The materials and equipment described in the Bidding Documents establish a standard of required type, function, and quality to be met by any proposed "or-equal" item. No item of material or equipment will be considered by Engineer as an "or-equal" unless written request for approval has been submitted by Bidder and has

been received by Engineer at least 15 days prior to the date for receipt of Bids. Each such request shall conform to the requirements of Paragraph 5.04 of the General Conditions. The burden of proof of the merit of the proposed item is upon Bidder. Engineer's decision of approval or disapproval of a proposed item will be final. Bidders shall not rely upon approvals unless set forth in an Addendum.

ARTICLE 12 - PREPARATION OF BID

12.01 The Bid Form is included with the Bidding Documents. Additional copies of Bidding Documents may be obtained from the Issuing Office.

12.02 All blanks on the Bid Form shall be completed in ink and the Bid Form signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid price shall be indicated for each item listed therein. In the case of optional alternates, the words "No Bid," "No Change," or "Not Applicable" may be entered.

12.03 A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown.

12.04 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be shown.

12.05 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm shall be shown.

12.06 A Bid by an individual shall show the Bidder's name and official address.

12.07 A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid Form. The official address of the joint venture shall be shown.

12.08 All names must be typed or printed in ink below the signature.

12.09 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form.

12.10 Each Bidder shall list the postal address, e-mail address, and telephone number for communications regarding the Bid.

ARTICLE 13 - BASIS OF BID; COMPARISON OF BIDS

13.01 Lump Sum

A. Bidder shall submit a Bid on a lump sum basis as set forth in the Bid Form.

B. For determination of the apparent low Bidder, Bids will be compared on the basis of the lump sum.

ARTICLE 14 - SUBMITTAL OF BID

14.01 The Bid Form is to be completed and submitted with the following documents:

A. Non-Collusion Affidavit.

B. Bidder Qualifications.

C. List of Proposed Suppliers.

D. List of References.

14.02 Bid shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement or invitation to bid and shall be enclosed in a plainly marked envelope with the Project title (and, if applicable, the designated portion of the Project for which the Bid is submitted) and the name and address of Bidder and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate package plainly marked on the outside with the notation "BID ENCLOSED". A mailed Bid shall be addressed to:

City of Rochelle
420 N. 6th Street
Rochelle, IL 61068
2200 K001

ARTICLE 15 - MODIFICATION OR WITHDRAWAL OF BID

15.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids.

15.02 If, within 24 hours after Bids are opened, any Bidder files a duly signed written notice with Buyer and promptly thereafter demonstrates to the reasonable satisfaction of Buyer that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Goods and Special Services are rebid, that Bidder will be disqualified from further bidding on the Goods and Special Services.

ARTICLE 16 - OPENING OF BIDS

16.01 Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the Base Bids and Alternate Bids, if any, will be made available to Bidders after the opening of Bids.

ARTICLE 17 - BIDS TO REMAIN SUBJECT TO ACCEPTANCE

17.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but Buyer may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 18 - EVALUATION OF BIDS AND AWARD OF CONTRACT

18.01 Buyer reserves the right to reject any and all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Buyer further reserves the right to reject the Bid of any Bidder that Buyer finds, after reasonable inquiry and evaluation, to be nonresponsive. Buyer may also reject the Bid of any Bidder if Buyer believes that it would not be in the best interest of the Project to make an award to that Bidder. Buyer also reserves the right to waive all informalities not involving price, time, or changes in the Goods and Special Services, and to negotiate contract terms with the Successful Bidder.

18.02 More than one Bid for the same Goods and Special Services from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Goods and Special Services shall be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.

18.03 In evaluating Bids, Buyer will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data as may by requested in the Bid Form or may be requested from Bidders prior to a Notice of Award.

18.04 Buyer may conduct such investigations as Buyer deems necessary to establish the responsibility, qualifications, and financial ability of Bidder.

18.05 If the contract is to be awarded, Buyer will award the Contract to the Bidder whose Bid is in the best interest of the Project.

ARTICLE 19 - CONTRACT SECURITY AND INSURANCE

19.01 Article 4 of the General Conditions and Article 4 of the Supplementary Conditions set forth Buyer's requirements as to performance and payment bonds and insurance. When the Successful Bidder delivers the executed Agreement to Buyer, it must be accompanied by such bonds.

ARTICLE 20 - SIGNING OF AGREEMENT

20.01 When Buyer issues a Notice of Award to the Successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents that are to be identified in the Agreement and attached thereto. Within 15 days thereafter, Successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to Buyer. Within 10 days thereafter, Buyer shall deliver one fully signed counterpart to Successful Bidder with a complete set of Drawings with appropriate identification.

ARTICLE 21 - SALES AND USE TAXES

21.01 Owner is exempt from Illinois State sales and use taxes on materials and equipment to be incorporated in the Work, Exemption No. E99941376. Said taxes shall not be included in the Bid.

ARTICLE 22 - RETAINAGE

22.01 Provisions concerning Seller's rights to deposit securities in lieu of retainage are set forth in the Agreement.

ARTICLE 23 - CONTRACT TO BE ASSIGNED *Not Used*

Non-Collusion Affidavit

The Municipality reserves the right, before any award of contract is made, to require any bidder to whom it may make an award of the Principal Contract, to sign a non-collusion affidavit in the form designated below:

STATE OF Québec

COUNTY OF L'Assomption

Benjamin Hadid, being first duly sworn, deposes and says that he is Sales and Marketing Manager * (sole owner, partner, president, secretary, etc.) of the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any bidder to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Signed: _____

Title: Sales and Marketing Manager

Subscribed and sworn to before me this 4th day of November 20 24

Seal of Notary:

Commissaire à l'assermentation pour le Québec
Sandrine Lessard
235 736

_____
Notary Public

* In making out this form, the title that is not applicable should be struck out. For example, if the Contractor is a corporation and this form is to be executed by its president, the words "Sole Owner, a partner, secretary", etc. should be struck out.

BID FORM

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This Bid is submitted by: MVA POWER INC

Bid Form

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

Rochelle Municipal Utilities
420 N. 6th Street
Rochelle, IL 61068

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
1	30 Oct. 2025

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

C. Bidder has not solicited or induced any individual or entity to refrain from bidding.

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.

2. "Fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer,

(b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition.

3. "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels.

4. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 **Proposal No. 1 -** Bidder will furnish and deliver the equipment described in the Plans, Specifications, and Construction Drawings for the following price:

Lump Sum Total Bid Price for Proposal No. 1	**$** 1297702.46

A. Refer to Appendix 1 – Itemized Proposal used for tabulating unit and total price.

B. Refer to Appendix 2 – Pole Data Summary Table for specifications on each pole.

C. Refer to Appendix 3 – Underbuild Appurtenances Table for underbuild specification on each pole.

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the material will be delivered no later than August 31, 2026, and will be completed and ready for final payment in accordance with Paragraph 14.07B of the General Conditions on or before 30 days after the delivery date of August 31, 2026.

6.02 The time of delivery shall be extended for any reasonable delay due extensively to causes beyond control and without the fault of the Bidder, including but not limited to acts of God, fires, strikes and floods.

6.03 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid:

A. List of Proposed Major Suppliers.

B. Itemized Proposal.

C. Affidavit of Non-Collusion.

D. List of Project References.

E. Bidder's Qualifications.

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders and the General Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by: MVA POWER INC

If Bidder is:

A Corporation

Corporation Name: MVA POWER INC

State of Incorporation: QUEBEC, CANADA

Type: _____
(General Business, Professional, Service, Other)

By: Charly-Marc
(Signature – attach evidence of authority to sign)

Name: *(typed or printed)* Charly-Marc Hadid

Title: Sales and Marketing Associate
(Corporate Seal)

Attest: Hanna Abiad
(Signature of Corporate Secretary)

Business Address: 1 HOLLY ROAD, MONTREAL, QUEBAC
H3X3K6

Phone: 1 450 589 0445

Email Address: tender@mvapower.com

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____

(Signature – attach evidence of authority to sign)

Name: *(typed or printed)* _____

Business Address: _____

_____

Phone: _____

Email: _____

BIDDER : MVA POWER INC

1 - Itemized Proposal

Complete the below or return itemized list in a similar format

Ritchie to Centerpoint Engineered Poles

STR #	Length (FT)	Framing	Qty.	Unit Weight (Lbs)	Unit Price	Extended Price
14	60	TS-5G-ENG	1	15015	$ 42557.67	$ 42557.67
18	65	TS-69DE-UG-ENG	1	14470	41298.34	41298.34
1, 7, 8	70	TS-69DE-UG-ENG	3	15890	43223.26	129669.78
19	75	TS-69DE-UG-ENG	1	18100	49534.03	49534.03
20, 45	80	TS-5G-ENG	2	30465	81296.59	162593.18
25	80	TS-4G-1-MOD-ENG	1	15500	43661.34	43661.34
33	80	TS-5GA-ENG	1	23180	62778.55	62778.55
35, 36	80	TS-69DE-UG-ENG	2	19495-20925	53579.77	107159.54
51	80	TS-5GG-MOD-ENG	1	20510	55031.71	55031.71
21, 22, 24	85	TBP-69GB-ENG-DDA	3	12740	34378.22	103134.66
26	85	TS-4G-ENG	1	11930	32398.91	32398.91

Centerpoint to Twombly Engineered Poles

STR #	Length (FT)	Framing	Qty.	Unit Weight	Unit Price	Extended Price
1	80	TS-5GG-MOD-ENG	1	20500	$ 55031.71	$ 55031.71
					Engineered Poles Total:	$ 884849.42

Ritchie to Centerpoint Standard Class Poles

STR #	Length (FT)	Class	Framing	Qty.	Unit Weight	Unit Price	Extended Price
13	75	H2	TBP-69GB-STL	1	2925	$ 6727.95	$ 6727.95
TP-51	75	H2	TS-RISER-STL	1	2925	6727.95	6727.95
2, 3, 12	75	H3	TBP-69GB-STL	3	3140	7211.89	21635.67
15	80	H1	TBP-69GB-STL	1	3020	6945.13	6945.13
4, 5	80	H3	TBP-69GB-STL	2	3510	8061.74	16123.48
6	80	H3	TBP-69G-STL	1	3510	8061.74	8061.74
11	85	H3	TBP-69GB-STL	1	3760	8647.19	8647.19
9	85	H7	TBP-69GB-STL	1	5385	12381.79	12381.79
50	90	H3	TBP-69GB-STL	1	4055	9329.43	9329.43
17	90	H7	TBP-69GB-STL	1	5820	13387.44	13387.44
16	90	H8	TBP-69GB-STL	1	5970	13725.02	13725.02
10	90	H9	TBP-69GB-STL	1	6523	15002.15	15002.15
52	95	H1	TM-3V-VERT-STL	1	5115	11760.93	11760.93
46, 47, 48, 49	95	H4	TBP-69GB-STL	4	4725	10861.51	43446.04
34	100	H5	TBP-69G-STL	1	5585	12846.85	12846.85
37, 38, 39, 40, 41, 42, 43, 44	105	H4	TBP-69G-STL	8	5325	12251.95	98015.62
28, 29, 30, 31, 32	105	H5	TBP-69G-STL	5	5970	13725.02	68625.10
23	105	H7	TBP-69GB-STL	1	7035	16182.49	16182.49
27	110	H6	TBP-69G-STL	1	7195	16553.12	16553.12

Centerpoint to Twombly Standard Class Poles

STR #	Length (FT)	Class	Framing	Qty.	Unit Weight	Unit Price	Extended Price
TP-1	75	H2	TS-RISER-STL	1	2925	$ 6727.95	$ 6727.95
						Standard Poles Total:	$ 412853.04

MVA POWER INC

SECTION 00420

Qualifications

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Appointment of Counsel.

B. Pre-qualifications.

C. Bidder's Qualifications.

D. Certifications.

E. References.

F. Signatures.

1.02 AWARD OF BID

A. Failure of Bidder to meet all qualification criteria as stated in these Specifications shall disqualify Bidder from consideration for the Project.

B. The Owner reserves the right to exclude Bidder from consideration due to the Bidder's failure to present with written documentation his experience and capability to complete the project to the Owner's expectations.

PART 2 – QUALIFICATIONS

2.01 APPOINTMENT OF COUNSEL – NON-RESIDENT

A. Bidder has appointed Please see below, whose address is _____, as the agent of Bidder for service of process in the event any litigation or controversy results between the Bidder and Owner arising out of the contractual relationship created by the acceptance of this Bid. Bidder agrees that the courts of the State in which the project is located will have jurisdiction over Bidder for all such purposes to the same extent as though Bidder were a resident of the State.

MVA POWER agree, we do not have an Illinois Resident appointed by Bid closing, we will provide agent information within 15 days of Notice of Award

2.02 PRE-QUALIFICATION

A. Failure of Bidder to meet the Pre-qualification requirements as stated in the Instruction to Bidders Bid shall disqualify Bidder from consideration for the Project.

2.03 BIDDER'S QUALIFICATIONS

A. Bidder shall prove to the Owner's satisfaction Bidder's experience in completing similar projects, thus demonstrating the ability of the Bidder to complete the Project to the Owner's Satisfaction.

B. Bidder shall submit written proof and abide by the written proof that the Bidder will complete a minimum of (30) thirty percent of the overall project by his own company and workers.

C. Bidder shall submit documentation proving that the Bidder is capable of funding the Project and is not in financial hardship.

D. Bidder shall submit documentation proving that the Bidder uses only qualified, licensed workers experienced in the line of work.

E. Bidder's subcontractors shall be the responsibility of the Bidder and shall be considered part of the Bidder's company and shall meet qualification requirements for all aspects of the Project.

2.04 CERTIFICATIONS

A. The Bidder certifies the following as required by law:

1. Bidder has not been convicted of bribery or attempting to bribe an officer or employee of the State, nor has the Bidder made an admission of guilt of such conduct which is a matter of record, nor has an official, agent or employee of the Bidder been so convicted or made such admission of bribery on its behalf and pursuant to the direction or authorization of a responsible official thereof.

2. Bidder is not barred from bidding with any unit of state or local government as a result of unlawful bid rigging.

3. Under penalty of perjury, the Bidder certifies that the Federal Taxpayer Identification Number noted below is correct and the Bidder is doing business as a (please check one):

___ Individual	___ Real Estate Agent
___ Partnership	___ Government Entity
_X_ Corporation	___ Trust or Estate

4. Bidder, if an individual, is not in default on an educational loan.

2.05 REFERENCES

A. Bidder shall submit a minimum of three (3) written letters of recommendation with references' signatures and contact information to the Engineer.

B. These References shall be from the Owner, Project Manager, or other individual who is knowledgeable on the project, or recent previous Projects with very similar Scope of Work completed under the current Bidder's name.

C. Bidder shall submit a minimum of three (3) company brochures, or company information sheets, along with list of completed equivalent projects.

2.06 SIGNATURES

Firm Name:	MVA POWER INC
Federal Taxpayer Identification Number:	Please see attached our W-8BEN-E cert
By:	Charly-Marc Hadid Charly-Marc
Title:	Sales and Marketing Associate
By:	
Title:	

Note: If the Bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if the Bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if the Bidder is an individual, his signature shall be placed above. If signature is by an agent, other than an officer of a corporation or member of a partnership, the power of attorney must be submitted with the bid.

PART 3 – EXECUTION ***NOT USED***

PENAL SUM FORM

BID BOND

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address):
MVA Power Inc.
1, rue Holly
Montréal, QC, H3X 3K6

SURETY (Name and Address of Principal Place of Business):
Atlantic Specialty Insurance Company
One State Street Plaza, 31st Floor
New York, NY 10004

OWNER (Name and Address): **City of Rochelle**
420 N. 6th Street
Rochelle, IL 61068

BID
Bid Due Date: November 6, 2025
Project: Ritchie to Centerpoint 34.5kV Line - Steel Pole Procurement

BOND
Bond Number: 7911790-25-052
Date (Not later than Bid due date): October 31st, 2025

Penal sum: Five percent of the tender amount (Words) — (5%) (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

MVA Power Inc. Marc Majid Seal
Bidder's Name and Corporate Seal

By: M.P. P.Eng.
Signature and Title

Attest: Hanna Abiad
Signature and Title

SURETY

Atlantic Specialty Insurance Company Seal
Surety's Name and Corporate Seal

By:
Signature and Title Olga Shalia, Attorney-in-Fact
(Attach Power of Attorney)

Attest: Julie Turland
Signature and Title Julie Turland

Note: Above addresses are to be used for giving required notice.

PENAL SUM FORM

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Surety's liability.

2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation shall be null and void if:

   3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents,

   3.2. All Bids are rejected by Owner

   3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

intact INSURANCE

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: **Amanda Boutilier, Anita Rooke, Babajide Alabi, Bryan Kechnie, Chelsea James, Cheryl Best-Pope, Dania Husain, Dina Amaro-Elias, Erin Grandy, Fadi Mortada, Fatima Boucetla, Felipe Lenz, Feodor Ploujnikov, James Harris, James Myers, James Scharf, Jenny Wang, Jigna Patel, Jim Lazenkas, Johanie Racanelli, Julie Turland, Justin Eccleston, Karamjit Kaur, Katherine Gill, Kim Roberts, Korey Pettit, Kylie Balbido, Maria Suarez, Marisa Medeiros, Marites Gatmaitan, Matthew Burns, Meaghan Fowler, Nelson de Quintal, Nicolas Mailhot, Olga Iankine, Olga Shalia, Preya Prashad, Reena Ahamad, Richard Longland, Ryan Brady, Sheriar Irani, Tin Wah Leung,** each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **unlimited** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this first day of January, 2023.

ATLANTIC SPECIALTY INSURANCE COMPANY CORPORATE SEAL 1986 NEW YORK

By _____
Sarah A. Kolar, Vice President and General Counsel

STATE OF MINNESOTA
HENNEPIN COUNTY

On this first day of January, 2023, before me personally came Sarah A. Kolar, Vice President and General Counsel of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and she acknowledged the execution of the same, and being by me duly sworn, that she is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.

ALISON D. NASH-TROUT
NOTARY PUBLIC - MINNESOTA
My Commission Expires
January 31, 2030

_____
Notary Public

I, the undersigned, Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 31st day of October, 2025.

ATLANTIC SPECIALTY INSURANCE COMPANY CORPORATE SEAL 1986 NEW YORK

This Power of Attorney expires
January 31, 2030

_____
Kara L.B. Barrow, Secretary

Please direct bond verifications to surety@intactinsurance.com

BIDDER : MVA POWER INC

1 - Itemized Proposal

Complete the below or return itemized list in a similar format

Ritchie to Centerpoint Engineered Poles

STR #	Length (FT)	Framing	Qty.	Unit Weight (Lbs)	Unit Price	Extended Price
14	60	TS-5G-ENG	1	15015	$ 42557.67	$ 42557.67
18	65	TS-69DE-UG-ENG	1	14470	41298.34	41298.34
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Centerpoint to Twombly Engineered Poles

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15	80	H1	TBP-69GB-STL	1	3020	6945.13	6945.13
4, 5	80	H3	TBP-69GB-STL	2	3510	8061.74	16123.48
6	80	H3	TBP-69G-STL	1	3510	8061.74	8061.74
11	85	H3	TBP-69GB-STL	1	3760	8647.19	8647.19
9	85	H7	TBP-69GB-STL	1	5385	12381.79	12381.79
50	90	H3	TBP-69GB-STL	1	4055	9329.43	9329.43
17	90	H7	TBP-69GB-STL	1	5820	13387.44	13387.44
16	90	H8	TBP-69GB-STL	1	5970	13725.02	13725.02
10	90	H9	TBP-69GB-STL	1	6523	15002.15	15002.15
52	95	H1	TM-3V-VERT-STL	1	5115	11760.93	11760.93
46, 47, 48, 49	95	H4	TBP-69GB-STL	4	4725	10861.51	43446.04
34	100	H5	TBP-69G-STL	1	5585	12846.85	12846.85
37, 38, 39, 40, 41, 42, 43, 44	105	H4	TBP-69G-STL	8	5325	12251.95	98015.62
28, 29, 30, 31, 32	105	H5	TBP-69G-STL	5	5970	13725.02	68625.10
23	105	H7	TBP-69GB-STL	1	7035	16182.49	16182.49
27	110	H6	TBP-69G-STL	1	7195	16553.12	16553.12

Centerpoint to Twombly Standard Class Poles

STR #	Length (FT)	Class	Framing	Qty.	Unit Weight	Unit Price	Extended Price
TP-1	75	H2	TS-RISER-STL	1	2925	$ 6727.95	$ 6727.95
						Standard Poles Total:	$ 412853.04

MVA POWER INC

2200-K007 _ RITCHIE TO CENTERPOINT STEEL POLES _ ROCHELLE IL
MVA POWER _ SCHEDULE OF WORK _ MVAB25141

Week from	PO	Design submission	Design approval	Detailed Drawings	Drawing modification and approval	Manufacturing	CIF Destination
11/10/2025							
11/17/2025							
11/24/2025							
12/1/2025							
12/8/2025							
12/15/2025							
12/22/2025							
12/29/2025							
1/5/2026							
1/12/2026							
1/19/2026							
1/26/2026							
2/2/2026							
2/9/2026							
2/16/2026							
2/23/2026							
3/2/2026							
3/9/2026							
3/16/2026							
3/23/2026							
3/30/2026							
4/6/2026							
4/13/2026							
4/20/2026							
4/27/2026							
5/4/2026							

2200-K007 _ RITCHIE TO CENTERPOINT STEEL POLES _ ROCHELLE IL
MVA POWER _ SUMMARY DESIGN FOR ANCHOR BOLTE CAGES _ MVAB25141

Structure name	Height (ft)	Anchor bolt cage quantity per structure	Anchor bolt quantity per cage	Anchor bolt size(in)x length(in)	Material	Template circle dia(in)	template outside dia(in)	template inside dia(in)	Bottom template thick(in)	Top template thick(in)	Weight Per Cage (Lbs)
STR1	70	1	20	2.25x120	ASTM A615 GR75	59.84	65.75	53.94	0.50	0.50	3519
STR7	70	1	20	2.25x120	ASTM A615 GR75	59.84	65.75	53.94	0.50	0.50	3519
STR8	70	1	20	2.25x120	ASTM A615 GR75	59.84	65.75	53.94	0.50	0.50	3519
STR14	60	1	20	2.25x120	ASTM A615 GR75	61.02	66.93	55.12	0.50	0.50	3526
STR18	65	1	20	2.25x120	ASTM A615 GR75	58.07	63.98	52.17	0.50	0.50	3510
STR19	75	1	20	2.25x120	ASTM A615 GR75	61.02	66.93	55.12	0.50	0.50	3526
STR20	80	1	32	2.25x120	ASTM A615 GR75	70.67	76.57	64.76	0.50	0.50	5356
STR21	85	1	12	2.25x120	ASTM A615 GR75	51.97	57.87	46.06	0.50	0.50	2252
STR22	85	1	12	2.25x120	ASTM A615 GR75	51.97	57.87	46.06	0.50	0.50	2252
STR24	85	1	12	2.25x120	ASTM A615 GR75	51.97	57.87	46.06	0.50	0.50	2252
STR25	80	1	16	2.25x120	ASTM A615 GR75	61.02	66.93	55.12	0.50	0.50	3526
STR26	85	1	12	2.25x120	ASTM A615 GR75	53.15	59.06	47.24	0.50	0.50	2204
STR33	80	1	24	2.25x120	ASTM A615 GR75	66.34	72.24	60.43	0.50	0.50	4194
STR35	80	1	15	2.25x120	ASTM A615 GR75	62.80	68.70	56.89	0.50	0.50	2895
STR36	80	1	20	2.25x120	ASTM A615 GR75	64.17	70.08	58.27	0.50	0.50	3542
STR45	80	1	32	2.25x120	ASTM A615 GR75	70.28	76.18	64.37	0.50	0.50	5495
STR51	80	1	20	2.25x120	ASTM A615 GR75	64.96	70.87	59.06	0.50	0.50	3567
STR1(CP-T)	80	1	20	2.25x120	ASTM A615 GR75	64.96	70.87	59.06	0.50	0.50	3567

WORK EXPERIENCE/REFERENCES

Project: Purchase of Steel Poles for Rodgers to Rayburn & Loop-in Stage 1
Owner: BRYAN TEXAS UTILITIES (BTU) Location: BRYAN- TEXAS -USA
Contact: Corey Bower BowerCS@bv.com Phone: D +1 407-419-3556 O +1 407-419-3500
Date Started & Completed: 2019 Value of Work: $ 210000 USD
Description of Work:
69 KV Design, materials, and fabrication for furnishing tubular steel structures for use in the Owner's transmission system.

Project: Purchase of Steel Poles for Steele Store to Smetana
Owner: BRYAN TEXAS UTILITIES (BTU) Location: Smetana - TEXAS - USA
Contact: Corey Bower BowerCS@bv.com Phone: D +1 407-419-3556 O +1 407-419-3500
Date Started & Completed: 2020 Value of Work: $ 1300000 USD
Description of Work:
138KV Tubular Galvanizing Steel Poles - Design & Manufacturing

Project: KOFA DOME SUBSTATION
Owner: WESTERN AREA POWER AUTHORITY (WAPA) Location: PHOENIX - AZ - USA
Contact: Rick Schuler | Civil Engineer Phone: 602.605.2487
Schuler@WAPA.GOV
Date Started & Completed: 2020 Value of Work: $ 78000 USD
Description of Work:
161KV, A total of eight (8) dulled galvanized light duty, class 2 wood equivalent, steel pole structures.

Project: TUBULAR STEEL POLES
Owner: PUD. NO.1 OF DOUGLAS COUNTY Location: 1151, Valley Mall Parkway East Wenatchee, WA. 98802
Contact: Michael Gasbar michael.gasbar@dcpud.org Phone: 509 884 7191
Date Started & Completed: 2021- 2022 Value of Work: $ 4030000 USD
Description of Work: SUPPLY AND DELIVERY OF TUBULAR STEEL POLES FOR THE RAPIDS TO COLUMBIA 230KV TRANSMISSION LINE - Design & Manufacturing

MVA POWER INC.

WORK EXPERIENCE/REFERENCES

Project Galvanized Steel Transmission Poles

Owner: FRANKLIN PUD Location: Pasco, WA.

Contact: Julie Anderson Phone: 509 546 5950
Purchasing@franklinpud.com

Date Started & Completed: 2023-2024 Value of Work: $ 190000 USD

Description of Work:
Railroad Avenue 115Kv Double Circuit Transmission 25 mile Line. Design and Manufacturing

Project: Steel Poles for Clovis Substation Location: 1151, Valley Mall Parkway East Wenatchee, WA. 98802

Owner: PUD. NO.1 OF DOUGLAS COUNTY

Contact: Michael Gasbar Phone: 509 884 7191
michael.gasbar@dcpud.org

Date Started & Completed: 2024-2025 Value of Work: $ 2871800 USD

Description of Work: SUPPLY AND DELIVERY OF TUBULAR STEEL POLES FOR THE CLOVIS SUBSTATION . 230KV TRANSMISSION LINE - Design & Manufacturin

Project : Two 100ft Engineered Poles

Owner: CPS ENERGY Location: San Antonio TX.

Contact: Ryan Martinez Phone: 210.353.2399
ramartinez@CPSEnergy.com

Date Started & Completed: 2024 Value of Work: $ 114676 USD

Description of Work:
Two 100ft Engineered Poles *Pole is to not surpass 42 inches at ground line diameter.*
. Design and Manufacturing

Form **W-8BEN-E**
(Rev. October 2021)
Department of the Treasury
Internal Revenue Service

Certificate of Status of Beneficial Owner for United States Tax Withholding and Reporting (Entities)

▶ For use by entities. Individuals must use Form W-8BEN. ▶ Section references are to the Internal Revenue Code.
▶ Go to *www.irs.gov/FormW8BENE* for instructions and the latest information.
▶ Give this form to the withholding agent or payer. Do not send to the IRS.

OMB No. 1545-1621

Do NOT use this form for:	**Instead use Form:**
• U.S. entity or U.S. citizen or resident	W-9
• A foreign individual	W-8BEN (Individual) or Form 8233
• A foreign individual or entity claiming that income is effectively connected with the conduct of trade or business within the United States (unless claiming treaty benefits)	W-8ECI
• A foreign partnership, a foreign simple trust, or a foreign grantor trust (unless claiming treaty benefits) (see instructions for exceptions)	W-8IMY
• A foreign government, international organization, foreign central bank of issue, foreign tax-exempt organization, foreign private foundation, or government of a U.S. possession claiming that income is effectively connected U.S. income or that is claiming the applicability of section(s) 115(2), 501(c), 892, 895, or 1443(b) (unless claiming treaty benefits) (see instructions for other exceptions)	W-8ECI or W-8EXP
• Any person acting as an intermediary (including a qualified intermediary acting as a qualified derivatives dealer)	W-8IMY

Part I Identification of Beneficial Owner

1 Name of organization that is the beneficial owner
MVA POWER INC

2 Country of incorporation or organization
CANADA

3 Name of disregarded entity receiving the payment (if applicable, see instructions)

4 Chapter 3 Status (entity type) (Must check one box only):

- ☑ Corporation
- ☐ Partnership
- ☐ Simple trust
- ☐ Tax-exempt organization
- ☐ Complex trust
- ☐ Foreign Government - Controlled Entity
- ☐ Central Bank of Issue
- ☐ Private foundation
- ☐ Estate
- ☐ Foreign Government - Integral Part
- ☐ Grantor trust
- ☐ Disregarded entity
- ☐ International organization

If you entered disregarded entity, partnership, simple trust, or grantor trust above, is the entity a hybrid making a treaty claim? If "Yes," complete Part III. ☐ Yes ☐ No

5 Chapter 4 Status (FATCA status) (See instructions for details and complete the certification below for the entity's applicable status.)

- ☐ Nonparticipating FFI (including an FFI related to a Reporting IGA FFI other than a deemed-compliant FFI, participating FFI, or exempt beneficial owner).
- ☐ Participating FFI.
- ☐ Reporting Model 1 FFI.
- ☐ Reporting Model 2 FFI.
- ☐ Registered deemed-compliant FFI (other than a reporting Model 1 FFI, sponsored FFI, or nonreporting IGA FFI covered in Part XII). See instructions.
- ☐ Sponsored FFI. Complete Part IV.
- ☐ Certified deemed-compliant nonregistering local bank. Complete Part V.
- ☐ Certified deemed-compliant FFI with only low-value accounts. Complete Part VI.
- ☐ Certified deemed-compliant sponsored, closely held investment vehicle. Complete Part VII.
- ☐ Certified deemed-compliant limited life debt investment entity. Complete Part VIII.
- ☐ Certain investment entities that do not maintain financial accounts. Complete Part IX.
- ☐ Owner-documented FFI. Complete Part X.
- ☐ Restricted distributor. Complete Part XI.
- ☐ Nonreporting IGA FFI. Complete Part XII.
- ☐ Foreign government, government of a U.S. possession, or foreign central bank of issue. Complete Part XIII.
- ☐ International organization. Complete Part XIV.
- ☐ Exempt retirement plans. Complete Part XV.
- ☐ Entity wholly owned by exempt beneficial owners. Complete Part XVI.
- ☐ Territory financial institution. Complete Part XVII.
- ☐ Excepted nonfinancial group entity. Complete Part XVIII.
- ☐ Excepted nonfinancial start-up company. Complete Part XIX.
- ☐ Excepted nonfinancial entity in liquidation or bankruptcy. Complete Part XX.
- ☐ 501(c) organization. Complete Part XXI.
- ☐ Nonprofit organization. Complete Part XXII.
- ☐ Publicly traded NFFE or NFFE affiliate of a publicly traded corporation. Complete Part XXIII.
- ☐ Excepted territory NFFE. Complete Part XXIV.
- ☐ Active NFFE. Complete Part XXV.
- ☐ Passive NFFE. Complete Part XXVI.
- ☐ Excepted inter-affiliate FFI. Complete Part XXVII.
- ☐ Direct reporting NFFE.
- ☐ Sponsored direct reporting NFFE. Complete Part XXVIII.
- ☐ Account that is not a financial account.

6 Permanent residence address (street, apt. or suite no., or rural route). **Do not use a P.O. box or in-care-of address** (other than a registered address).
1 HOLLY

City or town, state or province. Include postal code where appropriate.
MONTREAL. QUEBEC H3X 3K6

Country
CANADA

7 Mailing address (if different from above)

City or town, state or province. Include postal code where appropriate.

Country

Form W-8BEN-E (Rev. 10-2021)

Part I Identification of Beneficial Owner *(continued)*

8 U.S. taxpayer identification number (TIN), if required

9a GIIN	b Foreign TIN 131074437RC0001	c Check if FTIN not legally required . . . . . ▶☐

10 Reference number(s) (see instructions)

Note: Please complete remainder of the form including signing the form in Part XXX.

Part II Disregarded Entity or Branch Receiving Payment. (Complete only if a disregarded entity with a GIIN or a branch of an FFI in a country other than the FFI's country of residence. See instructions.)

11 Chapter 4 Status (FATCA status) of disregarded entity or branch receiving payment

☐ Branch treated as nonparticipating FFI. ☐ Reporting Model 1 FFI. ☐ U.S. Branch.
☐ Participating FFI. ☐ Reporting Model 2 FFI.

12 Address of disregarded entity or branch (street, apt. or suite no., or rural route). **Do not use a P.O. box or in-care-of address** (other than a registered address).

City or town, state or province. Include postal code where appropriate.

Country

13 GIIN (if any)

Part III Claim of Tax Treaty Benefits (if applicable). (For chapter 3 purposes only.)

14 I certify that (check all that apply):

a ☐ The beneficial owner is a resident of _____ within the meaning of the income tax treaty between the United States and that country.

b ☐ The beneficial owner derives the item (or items) of income for which the treaty benefits are claimed, and, if applicable, meets the requirements of the treaty provision dealing with limitation on benefits. The following are types of limitation on benefits provisions that may be included in an applicable tax treaty (check only one; see instructions):

☐ Government
☐ Tax-exempt pension trust or pension fund
☐ Other tax-exempt organization
☐ Publicly traded corporation
☐ Subsidiary of a publicly traded corporation
☐ Company that meets the ownership and base erosion test
☐ Company that meets the derivative benefits test
☐ Company with an item of income that meets active trade or business test
☐ Favorable discretionary determination by the U.S. competent authority received
☐ No LOB article in treaty
☐ Other (specify Article and paragraph): _____

c ☐ The beneficial owner is claiming treaty benefits for U.S. source dividends received from a foreign corporation or interest from a U.S. trade or business of a foreign corporation and meets qualified resident status (see instructions).

15 **Special rates and conditions** (if applicable—see instructions):
The beneficial owner is claiming the provisions of Article and paragraph _____
of the treaty identified on line 14a above to claim a _____ % rate of withholding on (specify type of income): _____
Explain the additional conditions in the Article the beneficial owner meets to be eligible for the rate of withholding: _____

Part IV Sponsored FFI

16 Name of sponsoring entity: _____

17 **Check whichever box applies.**

☐ I certify that the entity identified in Part I:
- Is an investment entity;
- Is not a QI, WP (except to the extent permitted in the withholding foreign partnership agreement), or WT; **and**
- Has agreed with the entity identified above (that is not a nonparticipating FFI) to act as the sponsoring entity for this entity.

☐ I certify that the entity identified in Part I:
- Is a controlled foreign corporation as defined in section 957(a);
- Is not a QI, WP, or WT;
- Is wholly owned, directly or indirectly, by the U.S. financial institution identified above that agrees to act as the sponsoring entity for this entity; **and**
- Shares a common electronic account system with the sponsoring entity (identified above) that enables the sponsoring entity to identify all account holders and payees of the entity and to access all account and customer information maintained by the entity including, but not limited to, customer identification information, customer documentation, account balance, and all payments made to account holders or payees.

Part V Certified Deemed-Compliant Nonregistering Local Bank

18 ☐ I certify that the FFI identified in Part I:

- Operates and is licensed solely as a bank or credit union (or similar cooperative credit organization operated without profit) in its country of incorporation or organization;
- Engages primarily in the business of receiving deposits from and making loans to, with respect to a bank, retail customers unrelated to such bank and, with respect to a credit union or similar cooperative credit organization, members, provided that no member has a greater than 5% interest in such credit union or cooperative credit organization;
- Does not solicit account holders outside its country of organization;
- Has no fixed place of business outside such country (for this purpose, a fixed place of business does not include a location that is not advertised to the public and from which the FFI performs solely administrative support functions);
- Has no more than $175 million in assets on its balance sheet and, if it is a member of an expanded affiliated group, the group has no more than $500 million in total assets on its consolidated or combined balance sheets; **and**
- Does not have any member of its expanded affiliated group that is a foreign financial institution, other than a foreign financial institution that is incorporated or organized in the same country as the FFI identified in Part I and that meets the requirements set forth in this part.

Part VI Certified Deemed-Compliant FFI with Only Low-Value Accounts

19 ☐ I certify that the FFI identified in Part I:

- Is not engaged primarily in the business of investing, reinvesting, or trading in securities, partnership interests, commodities, notional principal contracts, insurance or annuity contracts, or any interest (including a futures or forward contract or option) in such security, partnership interest, commodity, notional principal contract, insurance contract or annuity contract;
- No financial account maintained by the FFI or any member of its expanded affiliated group, if any, has a balance or value in excess of $50,000 (as determined after applying applicable account aggregation rules); **and**
- Neither the FFI nor the entire expanded affiliated group, if any, of the FFI, have more than $50 million in assets on its consolidated or combined balance sheet as of the end of its most recent accounting year.

Part VII Certified Deemed-Compliant Sponsored, Closely Held Investment Vehicle

20 Name of sponsoring entity: _____

21 ☐ I certify that the entity identified in Part I:

- Is an FFI solely because it is an investment entity described in Regulations section 1.1471-5(e)(4);
- Is not a QI, WP, or WT;
- Will have all of its due diligence, withholding, and reporting responsibilities (determined as if the FFI were a participating FFI) fulfilled by the sponsoring entity identified on line 20; **and**
- 20 or fewer individuals own all of the debt and equity interests in the entity (disregarding debt interests owned by U.S. financial institutions, participating FFIs, registered deemed-compliant FFIs, and certified deemed-compliant FFIs and equity interests owned by an entity if that entity owns 100% of the equity interests in the FFI and is itself a sponsored FFI).

Part VIII Certified Deemed-Compliant Limited Life Debt Investment Entity

22 ☐ I certify that the entity identified in Part I:

- Was in existence as of January 17, 2013;
- Issued all classes of its debt or equity interests to investors on or before January 17, 2013, pursuant to a trust indenture or similar agreement; **and**
- Is certified deemed-compliant because it satisfies the requirements to be treated as a limited life debt investment entity (such as the restrictions with respect to its assets and other requirements under Regulations section 1.1471-5(f)(2)(iv)).

Part IX Certain Investment Entities that Do Not Maintain Financial Accounts

23 ☐ I certify that the entity identified in Part I:

- Is a financial institution solely because it is an investment entity described in Regulations section 1.1471-5(e)(4)(i)(A), **and**
- Does not maintain financial accounts.

Part X Owner-Documented FFI

Note: This status only applies if the U.S. financial institution, participating FFI, or reporting Model 1 FFI to which this form is given has agreed that it will treat the FFI as an owner-documented FFI (see instructions for eligibility requirements). In addition, the FFI must make the certifications below.

24a ☐ (All owner-documented FFIs check here) I certify that the FFI identified in Part I:

- Does not act as an intermediary;
- Does not accept deposits in the ordinary course of a banking or similar business;
- Does not hold, as a substantial portion of its business, financial assets for the account of others;
- Is not an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account;
- Is not owned by or in an expanded affiliated group with an entity that accepts deposits in the ordinary course of a banking or similar business, holds, as a substantial portion of its business, financial assets for the account of others, or is an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account;
- Does not maintain a financial account for any nonparticipating FFI; **and**
- Does not have any specified U.S. persons that own an equity interest or debt interest (other than a debt interest that is not a financial account or that has a balance or value not exceeding $50,000) in the FFI other than those identified on the FFI owner reporting statement.

Part X Owner-Documented FFI *(continued)*

Check box 24b or 24c, whichever applies.

b ☐ I certify that the FFI identified in Part I:

- Has provided, or will provide, an FFI owner reporting statement that contains:
  - **(i)** The name, address, TIN (if any), chapter 4 status, and type of documentation provided (if required) of every individual and specified U.S. person that owns a direct or indirect equity interest in the owner-documented FFI (looking through all entities other than specified U.S. persons);
  - **(ii)** The name, address, TIN (if any), and chapter 4 status of every individual and specified U.S. person that owns a debt interest in the owner-documented FFI (including any indirect debt interest, which includes debt interests in any entity that directly or indirectly owns the payee or any direct or indirect equity interest in a debt holder of the payee) that constitutes a financial account in excess of $50,000 (disregarding all such debt interests owned by participating FFIs, registered deemed-compliant FFIs, certified deemed-compliant FFIs, excepted NFFEs, exempt beneficial owners, or U.S. persons other than specified U.S. persons); **and**
  - **(iii)** Any additional information the withholding agent requests in order to fulfill its obligations with respect to the entity.
- Has provided, or will provide, valid documentation meeting the requirements of Regulations section 1.1471-3(d)(6)(iii) for each person identified in the FFI owner reporting statement.

c ☐ I certify that the FFI identified in Part I has provided, or will provide, an auditor's letter, signed within 4 years of the date of payment, from an independent accounting firm or legal representative with a location in the United States stating that the firm or representative has reviewed the FFI's documentation with respect to all of its owners and debt holders identified in Regulations section 1.1471-3(d)(6)(iv)(A)(2), and that the FFI meets all the requirements to be an owner-documented FFI. The FFI identified in Part I has also provided, or will provide, an FFI owner reporting statement of its owners that are specified U.S. persons and Form(s) W-9, with applicable waivers.

Check box 24d if applicable (optional, see instructions).

d ☐ I certify that the entity identified on line 1 is a trust that does not have any contingent beneficiaries or designated classes with unidentified beneficiaries.

Part XI Restricted Distributor

25a ☐ (All restricted distributors check here) I certify that the entity identified in Part I:

- Operates as a distributor with respect to debt or equity interests of the restricted fund with respect to which this form is furnished;
- Provides investment services to at least 30 customers unrelated to each other and less than half of its customers are related to each other;
- Is required to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF-compliant jurisdiction);
- Operates solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same country of incorporation or organization as all members of its affiliated group, if any;
- Does not solicit customers outside its country of incorporation or organization;
- Has no more than $175 million in total assets under management and no more than $7 million in gross revenue on its income statement for the most recent accounting year;
- Is not a member of an expanded affiliated group that has more than $500 million in total assets under management or more than $20 million in gross revenue for its most recent accounting year on a combined or consolidated income statement; **and**
- Does not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs.

Check box 25b or 25c, whichever applies.

I further certify that with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made after December 31, 2011, the entity identified in Part I:

b ☐ Has been bound by a distribution agreement that contained a general prohibition on the sale of debt or securities to U.S. entities and U.S. resident individuals and is currently bound by a distribution agreement that contains a prohibition of the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI.

c ☐ Is currently bound by a distribution agreement that contains a prohibition on the sale of debt or securities to any specified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to the time that such a restriction was included in its distribution agreement, has reviewed all accounts related to such sales in accordance with the procedures identified in Regulations section 1.1471-4(c) applicable to preexisting accounts and has redeemed or retired any, or caused the restricted fund to transfer the securities to a distributor that is a participating FFI or reporting Model 1 FFI securities which were sold to specified U.S. persons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs.

Part XII Nonreporting IGA FFI

26 ☐ I certify that the entity identified in Part I:

- Meets the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and _____. The applicable IGA is a ☐ Model 1 IGA or a ☐ Model 2 IGA; and
- is treated as a _____ under the provisions of the applicable IGA or Treasury regulations (if applicable, see instructions);
- If you are a trustee documented trust or a sponsored entity, provide the name of the trustee or sponsor _____.

The trustee is: ☐ U.S. ☐ Foreign

Part XIII Foreign Government, Government of a U.S. Possession, or Foreign Central Bank of Issue

27 ☐ I certify that the entity identified in Part I is the beneficial owner of the payment, and is not engaged in commercial financial activities of a type engaged in by an insurance company, custodial institution, or depository institution with respect to the payments, accounts, or obligations for which this form is submitted (except as permitted in Regulations section 1.1471-6(h)(2)).

Part XIV International Organization

Check box 28a or 28b, whichever applies.

28a ☐ I certify that the entity identified in Part I is an international organization described in section 7701(a)(18).

b ☐ I certify that the entity identified in Part I:

- Is comprised primarily of foreign governments;
- Is recognized as an intergovernmental or supranational organization under a foreign law similar to the International Organizations Immunities Act or that has in effect a headquarters agreement with a foreign government;
- The benefit of the entity's income does not inure to any private person; **and**
- Is the beneficial owner of the payment and is not engaged in commercial financial activities of a type engaged in by an insurance company, custodial institution, or depository institution with respect to the payments, accounts, or obligations for which this form is submitted (except as permitted in Regulations section 1.1471-6(h)(2)).

Part XV Exempt Retirement Plans

Check box 29a, b, c, d, e, or f, whichever applies.

29a ☐ I certify that the entity identified in Part I:

- Is established in a country with which the United States has an income tax treaty in force (see Part III if claiming treaty benefits);
- Is operated principally to administer or provide pension or retirement benefits; **and**
- Is entitled to treaty benefits on income that the fund derives from U.S. sources (or would be entitled to benefits if it derived any such income) as a resident of the other country which satisfies any applicable limitation on benefits requirement.

b ☐ I certify that the entity identified in Part I:

- Is organized for the provision of retirement, disability, or death benefits (or any combination thereof) to beneficiaries that are former employees of one or more employers in consideration for services rendered;
- No single beneficiary has a right to more than 5% of the FFI's assets;
- Is subject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the country in which the fund is established or operated; **and**
  - (i) Is generally exempt from tax on investment income under the laws of the country in which it is established or operates due to its status as a retirement or pension plan;
  - (ii) Receives at least 50% of its total contributions from sponsoring employers (disregarding transfers of assets from other plans described in this part, retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, other retirement funds described in an applicable Model 1 or Model 2 IGA, or accounts described in Regulations section 1.1471-5(b)(2)(i)(A));
  - (iii) Either does not permit or penalizes distributions or withdrawals made before the occurrence of specified events related to retirement, disability, or death (except rollover distributions to accounts described in Regulations section 1.1471-5(b)(2)(i)(A) (referring to retirement and pension accounts), to retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, or to other retirement funds described in this part or in an applicable Model 1 or Model 2 IGA); **or**
  - (iv) Limits contributions by employees to the fund by reference to earned income of the employee or may not exceed $50,000 annually.

c ☐ I certify that the entity identified in Part I:

- Is organized for the provision of retirement, disability, or death benefits (or any combination thereof) to beneficiaries that are former employees of one or more employers in consideration for services rendered;
- Has fewer than 50 participants;
- Is sponsored by one or more employers each of which is not an investment entity or passive NFFE;
- Employee and employer contributions to the fund (disregarding transfers of assets from other plans described in this part, retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, or accounts described in Regulations section 1.1471-5(b)(2)(i)(A)) are limited by reference to earned income and compensation of the employee, respectively;
- Participants that are not residents of the country in which the fund is established or operated are not entitled to more than 20% of the fund's assets; **and**
- Is subject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the country in which the fund is established or operates.

Part XV Exempt Retirement Plans *(continued)*

d ☐ I certify that the entity identified in Part I is formed pursuant to a pension plan that would meet the requirements of section 401(a), other than the requirement that the plan be funded by a trust created or organized in the United States.

e ☐ I certify that the entity identified in Part I is established exclusively to earn income for the benefit of one or more retirement funds described in this part or in an applicable Model 1 or Model 2 IGA, or accounts described in Regulations section 1.1471-5(b)(2)(i)(A) (referring to retirement and pension accounts), or retirement and pension accounts described in an applicable Model 1 or Model 2 IGA.

f ☐ I certify that the entity identified in Part I:

• Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. possession (each as defined in Regulations section 1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retirement, disability, or death benefits to beneficiaries or participants that are current or former employees of the sponsor (or persons designated by such employees); **or**

• Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. possession (each as defined in Regulations section 1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retirement, disability, or death benefits to beneficiaries or participants that are not current or former employees of such sponsor, but are in consideration of personal services performed for the sponsor.

Part XVI Entity Wholly Owned by Exempt Beneficial Owners

30 ☐ I certify that the entity identified in Part I:

• Is an FFI solely because it is an investment entity;

• Each direct holder of an equity interest in the investment entity is an exempt beneficial owner described in Regulations section 1.1471-6 or in an applicable Model 1 or Model 2 IGA;

• Each direct holder of a debt interest in the investment entity is either a depository institution (with respect to a loan made to such entity) or an exempt beneficial owner described in Regulations section 1.1471-6 or an applicable Model 1 or Model 2 IGA.

• Has provided an owner reporting statement that contains the name, address, TIN (if any), chapter 4 status, and a description of the type of documentation provided to the withholding agent for every person that owns a debt interest constituting a financial account or direct equity interest in the entity; **and**

• Has provided documentation establishing that every owner of the entity is an entity described in Regulations section 1.1471-6(b), (c), (d), (e), (f) and/or (g) without regard to whether such owners are beneficial owners.

Part XVII Territory Financial Institution

31 ☐ I certify that the entity identified in Part I is a financial institution (other than an investment entity) that is incorporated or organized under the laws of a possession of the United States.

Part XVIII Excepted Nonfinancial Group Entity

32 ☐ I certify that the entity identified in Part I:

• Is a holding company, treasury center, or captive finance company and substantially all of the entity's activities are functions described in Regulations section 1.1471-5(e)(5)(i)(C) through (E);

• Is a member of a nonfinancial group described in Regulations section 1.1471-5(e)(5)(i)(B);

• Is not a depository or custodial institution (other than for members of the entity's expanded affiliated group); **and**

• Does not function (or hold itself out) as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or any investment vehicle with an investment strategy to acquire or fund companies and then hold interests in those companies as capital assets for investment purposes.

Part XIX Excepted Nonfinancial Start-Up Company

33 ☐ I certify that the entity identified in Part I:

• Was formed on (or, in the case of a new line of business, the date of board resolution approving the new line of business) _____ (date must be less than 24 months prior to date of payment);

• Is not yet operating a business and has no prior operating history or is investing capital in assets with the intent to operate a new line of business other than that of a financial institution or passive NFFE;

• Is investing capital into assets with the intent to operate a business other than that of a financial institution; **and**

• Does not function (or hold itself out) as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or any investment vehicle whose purpose is to acquire or fund companies and then hold interests in those companies as capital assets for investment purposes.

Part XX Excepted Nonfinancial Entity in Liquidation or Bankruptcy

34 ☐ I certify that the entity identified in Part I:

• Filed a plan of liquidation, filed a plan of reorganization, or filed for bankruptcy on _____;

• During the past 5 years has not been engaged in business as a financial institution or acted as a passive NFFE;

• Is either liquidating or emerging from a reorganization or bankruptcy with the intent to continue or recommence operations as a nonfinancial entity; **and**

• Has, or will provide, documentary evidence such as a bankruptcy filing or other public documentation that supports its claim if it remains in bankruptcy or liquidation for more than 3 years.

Part XXI 501(c) Organization

35 ☐ I certify that the entity identified in Part I is a 501(c) organization that:

- Has been issued a determination letter from the IRS that is currently in effect concluding that the payee is a section 501(c) organization that is dated _____ ; **or**
- Has provided a copy of an opinion from U.S. counsel certifying that the payee is a section 501(c) organization (without regard to whether the payee is a foreign private foundation).

Part XXII Nonprofit Organization

36 ☐ I certify that the entity identified in Part I is a nonprofit organization that meets the following requirements.

- The entity is established and maintained in its country of residence exclusively for religious, charitable, scientific, artistic, cultural or educational purposes;
- The entity is exempt from income tax in its country of residence;
- The entity has no shareholders or members who have a proprietary or beneficial interest in its income or assets;
- Neither the applicable laws of the entity's country of residence nor the entity's formation documents permit any income or assets of the entity to be distributed to, or applied for the benefit of, a private person or noncharitable entity other than pursuant to the conduct of the entity's charitable activities or as payment of reasonable compensation for services rendered or payment representing the fair market value of property which the entity has purchased; **and**
- The applicable laws of the entity's country of residence or the entity's formation documents require that, upon the entity's liquidation or dissolution, all of its assets be distributed to an entity that is a foreign government, an integral part of a foreign government, a controlled entity of a foreign government, or another organization that is described in this part or escheats to the government of the entity's country of residence or any political subdivision thereof.

Part XXIII Publicly Traded NFFE or NFFE Affiliate of a Publicly Traded Corporation

Check box 37a or 37b, whichever applies.

37a ☐ I certify that:

- The entity identified in Part I is a foreign corporation that is not a financial institution; **and**
- The stock of such corporation is regularly traded on one or more established securities markets, including _____ (name one securities exchange upon which the stock is regularly traded).

b ☐ I certify that:

- The entity identified in Part I is a foreign corporation that is not a financial institution;
- The entity identified in Part I is a member of the same expanded affiliated group as an entity the stock of which is regularly traded on an established securities market;
- The name of the entity, the stock of which is regularly traded on an established securities market, is _____ ; **and**
- The name of the securities market on which the stock is regularly traded is _____ .

Part XXIV Excepted Territory NFFE

38 ☐ I certify that:

- The entity identified in Part I is an entity that is organized in a possession of the United States;
- The entity identified in Part I:
  - (i) Does not accept deposits in the ordinary course of a banking or similar business;
  - (ii) Does not hold, as a substantial portion of its business, financial assets for the account of others; **or**
  - (iii) Is not an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account; **and**
- All of the owners of the entity identified in Part I are bona fide residents of the possession in which the NFFE is organized or incorporated.

Part XXV Active NFFE

39 ☐ I certify that:

- The entity identified in Part I is a foreign entity that is not a financial institution;
- Less than 50% of such entity's gross income for the preceding calendar year is passive income; **and**
- Less than 50% of the assets held by such entity are assets that produce or are held for the production of passive income (calculated as a weighted average of the percentage of passive assets measured quarterly) (see instructions for the definition of passive income).

Part XXVI Passive NFFE

40a ☑ I certify that the entity identified in Part I is a foreign entity that is not a financial institution (other than an investment entity organized in a possession of the United States) and is not certifying its status as a publicly traded NFFE (or affiliate), excepted territory NFFE, active NFFE, direct reporting NFFE, or sponsored direct reporting NFFE.

Check box 40b or 40c, whichever applies.

b ☐ I further certify that the entity identified in Part I has no substantial U.S. owners (or, if applicable, no controlling U.S. persons); **or**

c ☐ I further certify that the entity identified in Part I has provided the name, address, and TIN of each substantial U.S. owner (or, if applicable, controlling U.S. person) of the NFFE in Part XXIX.

Part XXVII Excepted Inter-Affiliate FFI

41 ☐ I certify that the entity identified in Part I:

- Is a member of an expanded affiliated group;
- Does not maintain financial accounts (other than accounts maintained for members of its expanded affiliated group);
- Does not make withholdable payments to any person other than to members of its expanded affiliated group;
- Does not hold an account (other than depository accounts in the country in which the entity is operating to pay for expenses) with or receive payments from any withholding agent other than a member of its expanded affiliated group; **and**
- Has not agreed to report under Regulations section 1.1471-4(d)(2)(ii)(C) or otherwise act as an agent for chapter 4 purposes on behalf of any financial institution, including a member of its expanded affiliated group.

Part XXVIII Sponsored Direct Reporting NFFE (see instructions for when this is permitted)

42 Name of sponsoring entity: _____

43 ☐ I certify that the entity identified in Part I is a direct reporting NFFE that is sponsored by the entity identified on line 42.

Part XXIX Substantial U.S. Owners of Passive NFFE

As required by Part XXVI, provide the name, address, and TIN of each substantial U.S. owner of the NFFE. Please see the instructions for a definition of substantial U.S. owner. If providing the form to an FFI treated as a reporting Model 1 FFI or reporting Model 2 FFI, an NFFE may also use this part for reporting its controlling U.S. persons under an applicable IGA.

Name	Address	TIN

Part XXX Certification

Under penalties of perjury, I declare that I have examined the information on this form and to the best of my knowledge and belief it is true, correct, and complete. I further certify under penalties of perjury that:

- The entity identified on line 1 of this form is the beneficial owner of all the income or proceeds to which this form relates, is using this form to certify its status for chapter 4 purposes, or is submitting this form for purposes of section 6050W or 6050Y;
- The entity identified on line 1 of this form is not a U.S. person;
- This form relates to: (a) income not effectively connected with the conduct of a trade or business in the United States, (b) income effectively connected with the conduct of a trade or business in the United States but is not subject to tax under an income tax treaty, (c) the partner's share of a partnership's effectively connected taxable income, or (d) the partner's amount realized from the transfer of a partnership interest subject to withholding under section 1446(f); **and**
- For broker transactions or barter exchanges, the beneficial owner is an exempt foreign person as defined in the instructions.

Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody of the income of which the entity on line 1 is the beneficial owner or any withholding agent that can disburse or make payments of the income of which the entity on line 1 is the beneficial owner.

I agree that I will submit a new form within 30 days if any certification on this form becomes incorrect.

☑ **I certify that I have the capacity to sign for the entity identified on line 1 of this form.**

Sign Here ▶ _____ Marc Hadid Ing./ PEng.President 04-07-2025

Signature of individual authorized to sign for beneficial owner | Print Name | Date (MM-DD-YYYY)

Total Quality. Assured.

CERTIFICATE
OF REGISTRATION

This is to certify that the management system of:

MVA Puissance Inc / MVA Power Inc

Main Site: 734 rue Saint Étienne,
L'Assomption, Québec, J5W 1Z1, Canada

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Design, manufacturing and supply of structures for the power transmission, power distribution, power substations, telecommunications, and light rail networks;design, manufacture and supply of equipment, materials and components for the high voltage and medium voltage power networks, light rail and fiber optic networks individually or for turnkey packages.

Certificate Number:
0097401

Initial Certification Date:
19 December 2019

Date of Certification Decision:
18 November 2022

Issuing Date:
18 November 2022

Valid Until:
18 December 2025

ISO 9001:2015 CERTIFICATION intertek

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17021-1 MANAGEMENT SYSTEMS CERTIFICATION BODY

Calin Moldovean
President, Business Assurance

Intertek Testing Services NA, Inc.
900 Chelmsford Street, Lowell
MA 01851, USA

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.

Langelier | assurances
CABINET EN ASSURANCE DE DOMMAGES ET SERVICES FINANCIERS

CERTIFICATE OF INSURANCE

This is to certify to: **To whom it may concern**

Named Insured: **MVA Puissance inc. & MVA Power Inc. & MVA Power Ontario Inc. & MVA Power USA**
734, rue St-Étienne, L'Assomption (Québec) J5W 1Z1

holds the policy(ies) of insurance as herein described.

Activity and location insured: Distributor of hardware and electrical equipment medium and high voltage

Insurance coverage	Insurance company	Policy number	Expiry date (mm/dd/yy)	Insurance limit
Commercial General Liability (Occurrence Basis) Including : ☒ Products / completed operations ☒ Tenant's legal liability ☒ Non-owned auto policy	Aviva, Compagnie d'assurance du Canada, La Souveraine Compagnie d'Assurance Générale, Tokio Marine Canada, Compagnie d'assurance Trisura Garantie by SUM Strategic Underwriting Managers Inc.	SUM-CGL-03059-011	2025-02-19	2 000 000 $ each occurrence 2 000 000 $ annual aggregate limit 250 000 $ per location 2 000 000 $ each occurrence
Automobile Liability (QPF no. 1)	L'Unique Assurances générales	18501734	09/16/2024	2 000 000 $ each occurrence
Complementary Liability « Umbrella » ☒ Including automobiles ☐ Excluding automobiles	Aviva, Compagnie d'assurance du Canada, La Souveraine Compagnie d'Assurance Générale, Liberty Mutual Insurance Company, Tokio Marine Canada, Compagnie d'assurance Trisura Garantie SUM Strategic Underwriting Managers Inc.	SUM-EXC-03060-011	2025-02-19	5 000 000 $ each occurrence

Notes :
This is to certify that the policy(ies) of insurance described herein have been issued to the Named Insured for the policy period indicated, notwithstanding any requirement, term or condition of any contract or other document with respect to which the Certificate may be issued or may pertain. The insurance afforded by the policy(ies) described herein is subject to all the terms, conditions and exclusions of such policy(ies). Limits shown may have been reduced by paid claims. This Certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This Certificate does not amend, extend or alter the coverage afforded by the policy(ies) described herein.

All values shown on this certificate are in Canadian currency.

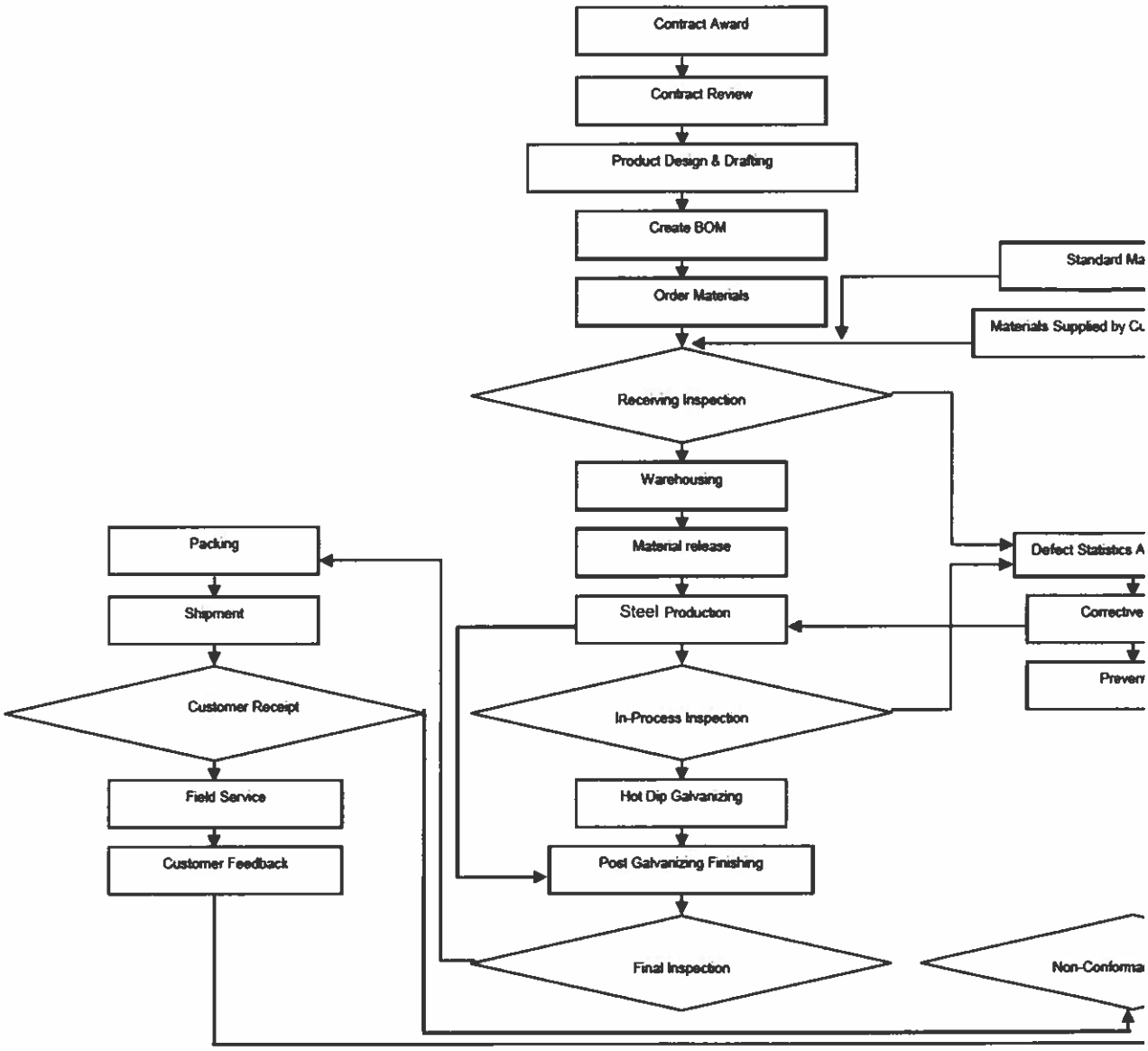
LANGELIER ASSURANCES INC.

February 20, 2024 (mf)
Date

PAR : _____
Nicholas Therrien, PAA, RIBO
Courtier en assurance de dommages

MVA POWER INC.

Quality Assurance Master Flow Chart



Hot Dip Galvanizing Processing Procedure

Reference International Standard:
ASTM A123

- **Main Processing Procedure**

  Raw Material Inspection → Pickling → Rinsing → Fluxing Process → Drying → Hot Dip Galvanizing

  → Cooling → Passivation → Treatment → Quality Inspection → Packing & Out Cargo.

- **Raw Material Inspection**

  The surface of raw material shall be free of grease, oil stain, cement, paint and other contaminants, with appropriate exhausting and zinc flow holes, and have suspension points to be suitable for hot dip galvanizing.

- **Acid Pickling**

  The oxides on the surface of materials/structures are washed by the chemical reaction with Hydrochloric Acid Aqueous Solution at a certain concentration to expose the clean surface. Pickling liquid is 30% hydrochloric acid

- **Rinsing**

  Wash the residual acid in the surface by running water for 3~5 minutes.

- **Fluxing Process**

  The raw materials are immersed in a mixture solution of zinc chloride and ammonium chloride to form a film on the surface to prevent oxidation on the surface and promote the reaction of zinc and iron.

- **Drying Process**

  Wait for the surface moisture to evaporate.

- **Hot Dip Galvanizing**

  Immerse the qualified material after pretreatment into 445℃±5℃ 99.99% pure liquid zinc, dipping commonly 2-7 minutes, slowly put forward out of liquid zinc. Trace alloy elements(only aluminum and nickel) are added into zinc bath. The zinc content of the bath is not less than 98.5%.

- **Cooling**

Remove the material which was hot dip galvanized into water or on specified area to cool them down.

- **Passivation**

  Immerse the cooled material to an aqueous solution of chromate to forme a passivation film, to prevent them from growing "white rust" in a moist storage environment.

- **Check and Finishing**

  Repair the defects that may be repaired on the surface of the galvanized parts. For more details please refer to ASTM A780

- **Quality inspection**

  Inspect the appearance, galvanizing thickness and adhesion as required by the contract.

- **Packing & Delivery**

  Final packing, marking and delivery.

POWER INC.

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Montreal, PQ, H3X 3K6
Tel: 450-689-0445
Fax: 450-689-0733
Email: info@MVAPOWER.qc.ca

MVA Power Inc..
QUALITY MANUAL

Montreal, QC Operations

NOTE: EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THIS QUALITY MANUAL IS THE PROPERTY OF MVA Power Inc.. THIS DOCUMENT IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF PRODUCT WITHOUT PERMISSION.

Revision Number	Effective Date	Revision Description
0	1-30-2008	Original issue

APPROVALS

NAME	FUNCTION
Marc Hadid, Eng. (Electrical Engineer)	President MVA Power Inc.
Charly-Marc Hadid, Eng. (Industrial Engineer)	V.P. Sales & Marketing MVA Power Inc.
Ismail Ghunir	Quality Manager MVA Power Inc.
Benjamin-Avi Hadid	Shipping & Warehouse Manager MVA Power Inc.

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1.0 MANAGEMENT RESPONSIBILITY

1.1 Quality Policy

The quality policy is to achieve and maintain customer satisfaction for all our products and services. Policy objectives are as follows:

- assure that products and services are *right the first time*
- deliver products and services on time to both internal and external customers
- minimize all scrap and waste

2.0 QUALITY SYSTEM

The quality system described in this manual is designed to meet our customer's needs in terms of product quality, on-time-delivery, customer service and product performance.

3.0 CONTRACT and/or SPECIFICATION REVIEW

3.1 General

Most purchases are made on a "commercial" basis without a specific CONTRACT or SPECIFICATION. Those purchases made on a CONTRACT and/or SPECIFICATION basis are handled as indicated below.

3.2 Review

If are purchased in accordance with a CONTRACT or SPECIFICATION, a preliminary review is conducted by sales to determine if there are any special or non-standard requirements. If so, the CONTRACT or SPECIFICATION is forwarded to DESIGN, MANUFACTURING ENGINEERING and QUALITY ASSURANCE for comment which may include

- expected product performance relative to customer requirements (including supporting test reports)
- cost of any non-standard testing
- time required to execute any non-standard testing
- cost of any non-standard packaging
- exceptions or clarifications to requirements contained in the CONTRACT or SPECIFICATION

3.3 Amendment to Contract

After MVA Power Inc.. accepts a firm order from a customer, amendments to the CONTRACT or SPECIFICATION may still be necessary in cases where:

- the needs of the customer change sufficiently to alter the terms of the contract
- MVA Power Inc.. encounters unexpected delays in providing the product

3.3 Records

A record of review and response to the CONTRACT and/or SPECIFICATION is maintained in the Engineering Project File. Each project is assigned a project number (e.g. VAxxx).

4.0 DESIGN CONTROL

4.1 General

The need for a design and development project arises when:

- MVA Power Inc.. decides to enter or create a new market of products
- the customer requests MVA Power Inc.. to manufacture an unproven design

4.2 Design and Development Planning

Design and development projects have three distinct stages:

4.2.1 Market Analysis
An analysis is performed to determine current and future market conditions.

4.2.2 Proposal to R & D Committee
Based on market analysis, a decision is made on whether or not to prepare a proposal to present to the R & D Committee. The R & D Committee is comprised of top management, product managers and technical managers. The R & D Committee determines whether the proposal should become a formal project.

4.2.3 Project Monitoring
Project activity and status is reviewed each quarter in the R & D Committee meeting.

4.3 Design Input
Design input is all the information needed to design a product. This could include one or more of the following:
- environmental conditions where the product will be installed
- product performance requirements as stated by the customer
- correspondence between the customer and MVA Power Inc. concerning design
- any industry imposed standards
- any statutory or regulatory requirements

4.4 Design Output
Design output is the translation of customer or market product requirements into a product design and predicted performance. The design must be consistent with MVA Power Inc.'s manufacturing capability, thus facilitating the transition to manufacturing a prototype and ultimately a production run. The design output should:
- be verified against design input requirements and validated
- contain acceptance criteria (testing)
- identify characteristics that are crucial to safe and proper handling or use
- be reviewed and approved before release to manufacturing and sales

4.5 Design Review
Design reviews are conducted by the R & D Committee on a quarterly basis. Records are maintained in the form of meeting minutes.

4.6 Design Validation
Design validation is used to assure that the final design satisfies the Design Inputs and Design Outputs. Design validation includes testing of the final product design to assure that the design satisfies the defined performance criteria.

4.7 Design Change Request
The need for a design change may be identified by one or more of the following:
- customer
- Application Engineering
- Design Engineering
- Manufacturing Engineering
- Manufacturing
- Materials
- Quality Assurance

4.8 Design Change Control
Design Engineering is the only function approved to document, review and approve changes. Records of change are maintained in Project Files and detailed on drawing revision notes.

5.0 DOCUMENT CONTROL

5.1 General

Documents are controlled to ensure that:

- information is easily accessible at appropriate locations
- only current revisions of documents are in use at all times
- obsolete documents are discarded

Two document control systems are utilized:

- LAN (local area network) based system
- Paper controlled system (limited use)

Complete system description is done according to customers requests & specifications for Doc Control (if applicable). In other cases, MVA Power keeps documents secure in paper & electronic copies for easy access when needed (i.e. MRB – Material Requirement Book or Project Book).

5.2 Document and Data Approval & Issue

5.2.1 Approval

All documents and data are approved and reviewed for adequacy by authorized associates, or their delegate, prior to release.

5.2.1.1 LAN Controlled Documents

Electronic media documents are approved using the LAN document control system.

5.2.1.2 Paper Controlled Documents

Paper controlled documents are approved by the author, or person currently performing that function.

5.2.2 Issue

5.2.2.1 LAN Controlled Documents

LAN documents are kept in a secure location on the LAN which is accessible by MVA Power Inc..associates, for use when needed. Hard copies on LAN documents can be printed; but, a watermark will appear on those hard copies indicating "valid only (date of print)".

5.2.2.2 Paper Controlled Documents

Paper documents are controlled and issued by the originator, or person currently performing that function.

5.2.3 Current Revision Status

The LAN document control system includes a document index. This index identifies each document with the appropriate status, as follows:

- document number assigned
- document routing for approval
- approved
- obsolete

5.3 Document and Data Change

Document and data changes are reviewed and approved by the function that approved the original document.

6.0 PURCHASING

6.1 General

Purchasing of raw material, semi-finished goods and finished product for resale is based on reference numbers, referred to as "item numbers". Item numbers are set-up, maintained and controlled by the Engineering Department. The item number master includes the name of qualified supplier(s), the appropriate drawing number and any special instructions that need to be communicated to the supplier on the PO.

6.2 Supplier Evaluation

Suppliers of critical products are evaluated to ensure that they are capable of meeting MVA Power Inc. requirements.

6.2.1 Evaluation Methods

MVA Power Inc. qualifies major suppliers by means of review of their ISO9000 certificate, QA Manual, Reference list & contacts or a visit to the supplier's facility. A new or existing supplier must submit samples for "1st article" approval on any article manufactured for the first time. Following 1st article approval, that article/supplier is qualified.

MVA POWER INC.. evaluates each supplier's capability by means of product receipt inspection on at least the first four consecutive receipts after 1st article approval.

MVA POWER INC.. evaluates major supplier's quality systems by means of a visit to the supplier's facility and by the revew of their quality manual & NCR Reports on similar project scopes.

6.3 Purchasing Data

Suppliers are sent a purchase order that precisely identifies the material being ordered. This may include one or more of the following:

- product description
- supplier or customer's drawing number (contains technical and quality requirements)
- special manufacturing requirements
- material description

On certain critical products, suppliers are provided with a Material Specification which contains a complete description of technical and quality requirements.

6.4 Purchase Order Approval

The planner/buyers have the authority to purchase existing items from existing suppliers. New suppliers of existing items or new items are evaluated as previously described. New raw material items are reviewed to assure conformance to necessary technical and quality requirements prior to authorization to add the item to the purchasing data base.

6.5 Verification of Materials at Point of Manufacture

MVA POWER INC.. does not normally perform verification of materials at the supplier's manufacturing facility.

7.0 CONTROL OF CUSTOMER SUPPLIED MATERIAL

MVA Power Inc. does not currently use customer supplied material. If such activity developed, the Materials Manager is responsible for documenting and implementing the appropriate procedures.

8.0 PRODUCT IDENTIFICATION AND TRACEABILITY

8.1 Identification

Product is identified at receipt and at all stages of production, delivery and installation.

8.1.1 At Receipt

All raw materials, semi-finished goods and finished goods for resale are identified according to MVA Power Inc or client requirements, as specified on drawings and/or item master detail.

8.1.2 During Production

All sub-assembly components and all finished assemblies are identified with a unique manufacturing number. This identifying number travels with the components throughout manufacturing.

8.1.3 Finished Goods Inventory, Delivery and Installation

At a minimum, each finished assembly is identified with the MVA Power Inc. catalog number.

8.2 Traceability

On every contract, traceability from receipt thru manufacturing to finished goods is rigidly controlled. Receipts are traceable to a specific project number, PO number or item description.
Production lots are stored-in and shipments are traceable-to specific inventory locations; but one or more production lots may be in the same inventory location.

9.0 PROCESS CONTROL

9.1 Planning and Work Instructions

Discrete job travelers accompany each production lot throughout its manufacturing cycle. The Discrete Job Traveler provides the order of operations and work instructions for each operation.

9.2 Special Processes

Special processes (where applicable) include Magnetic Particle Inspection, Heat Treating and Welding. These processes are qualified, monitored and controlled as follows:

Magnetic Particle Inspection is performed by a trained and certified inspector.
Heat Treating is verified by mechanical test reports (T,Y,E) or hardness test reports.
Welding is done using qualified procedures, welding procedure specifications and certified welders.

10.0 INSPECTION AND TESTING

10.1 General

Inspection and/or testing is conducted at three critical process steps: Receiving, Manufacturing, Finished Production.

10.2 Receiving Inspection

All materials designated for use in product manufacturing and all finished goods purchased and designated for sale with MVA Power Inc. products are subjected to Receiving Inspection. The following types of materials are actually inspected:

- Any product from a new supplier
- Any new product from existing supplier
- Any product that is found defective during manufacturing
- Certain critical products

Articles are inspected according to various Receiving Inspection Checklists (BOL – Bill of Lading) and/or drawings.
Inspection includes verification of any required supplier certifications and in-house testing as specified in the Receiving Inspection Checklist. Receiving Inspection is conducted in a designated area. Items are moved from Receiving Inspection only upon authorization by the Receiving Inspection function.

10.3 Manufacturing Quality Control

Each manufacturing plant is responsible for product quality exiting that plant. A quality process flow chart is used at each plant. This flow chart details how quality is to be controlled and what quality records are to be made. A quality record is generated for each production lot at each

plant.

10.4 Final Inspection and Testing

Each completed production lot is submitted to Final Inspection. These lots are inspected based on requirements specified on drawings and in manufacturing instructions that are routed with each lot. In addition, Inspection Checklists detail inspection and test instructions for many types of products. A record of each inspection is maintained. The system for handling non-conforming product is described later in this manual.

11.0 CONTROL OF INSPECTION, MEASURING and TEST EQUIPMENT

11.1 General

Procedures to control, calibrate and maintain measuring and test equipment are documented.

11.2 Control Procedure

Inspection, measuring and test equipment are controlled by:

- selecting appropriate test equipment that is capable of the necessary accuracy and precision defined by the measurements that need to be made
- identifying all test equipment with a unique equipment number, calibration status, technician (or external service) that performed the calibration and next calibration date
- calibrating and adjusting at predefined intervals against recognized industry standards, or in the cases where no standards exist, documenting the basis of calibration
- documenting details of equipment type, unique identification, location, frequency of checks, check method, acceptance criteria, action taken when acceptance criteria is not met and records for all calibrations performed
- accessing and documenting the validity of test records produced from equipment that has been found to be out of calibration
- ensuring that environmental conditions are appropriate for calibration (both internal and external) and tests being performed
- assuring that proper handling and storage of equipment is appropriate to maintain accuracy and fitness for use
- where appropriate, safeguarding equipment hardware and software from inadvertent adjustments that would invalidate the calibration settings

If a measurement device is found to be out of calibration, the validity of prior inspection and test results is assessed as follows:

- The device is taken out of service immediately.
- The Quality Manager is notified of the finding.
- A review of the time frame and validity of previous measurements on product produced and tested with the suspect device is evaluated for risk by the Quality Manager.
- The QA Manager reviews the finding with Production, Engineering and Sales to determine whether any action is necessary, i.e. product hold, product retest, product recall.

12.0 INSPECTION and TEST STATUS

Inspection Status and Inspection data are documented at each manufacturing work center as part of the Quality At The Source system. Each operation, when complete, is "signed-off" on the manufacturing order (MO) by the operator at each work center. Inspection and Test Status is also documented at Final Inspection. Should all or part of a production lot fail inspection or test, such failure is noted on the manufacturing order and handled as described in another section of this manual.

13.0 CONTROL OF NON-CONFORMING PRODUCT

13.1 General

Non-conforming material is documented on a Non-Conforming Material Inspection Report (NCMIR). The NCMIR identifies the non-conforming material, documents the type of non-conformance and

provides for material review, disposition and corrective action.

13.2 Types of Non-conforming Product

Non-conforming product is identified as TYPE I or TYPE II. Quality Assurance Technicians are authorized to execute the review, disposition and corrective action on TYPE I non-conforming product. TYPE II non-conforming product is submitted to the Material Review Board (MRB).

13.3 Material Review Board

The Material Review Board (MRB) consists of the Manufacturing Team Manager, the Quality Team Manager and the appropriate Application/Design Engineer. The MRB must reach consensus regarding disposition and corrective action. In cases where the non-conforming condition does not effect function of the part, customer input may be requested and considered.

13.4 Disposition of Non-conforming Product

Disposition includes the following options:

- accept as-is
- rework and reinspect
- sort and remanufacture shortage
- scrap and remanufacture

13.5 Corrective Action

The NCMIR provides for determination of the root cause and specifies corrective action which may include such things as:

- retraining of manufacturing associate
- process capability studies
- modifications to drawings, drawing tolerances
- modifications to manufacturing procedures
- modifications to Quality At The Source procedures

14.0 HANDLING, STORAGE, PACKAGING, PRESERVATION and DELIVERY

14.1 Handling

All raw material, sub-assemblies and finished product are handled to prevent damage and deterioration. Large items are handled with fork lifts operated by associates with specific training and certification.

14.2 Storage

All raw materials are stored in designated and controlled warehouse locations to prevent damage and to facilitate inventory control. All in-process material is stored in staging areas behind the next process.

14.3 Packaging

Packaging and marking requirements are specified on the manufacturing order and supplemented by additional instructions on the packing request sheet known as the "pick".

14.4 Preservation

Many components are sealed in bio-degradable waterproof plastic. The plastic bio-degrades after about six months of exposure to sunlight. Standard shipping containers are heavy duty water resistant cardboard.

14.5 Delivery

The method of shipment is determined on a "least cost" basis unless otherwise specified by the customer.

15.0 CONTROL OF QUALITY RECORDS

15.1 General

Quality records are maintained to demonstrate conformance of products and processes to specified requirements.

15.2 Types of Quality Records

Quality records include, but are not limited to, the following:

- Material purchasing records
- Receiving Inspection (Receipt Traveler)
- Supplier Certification of Conformance or Test Reports
- Inventory Control Records
- Manufacturing procedures
- Manufacturing quality records
- Quality Assurance inspection and test records

16.0 INTERNAL QUALITY AUDITS

Quality at the Source is audited on a daily basis to ensure that plant quality records are reliable and complete.

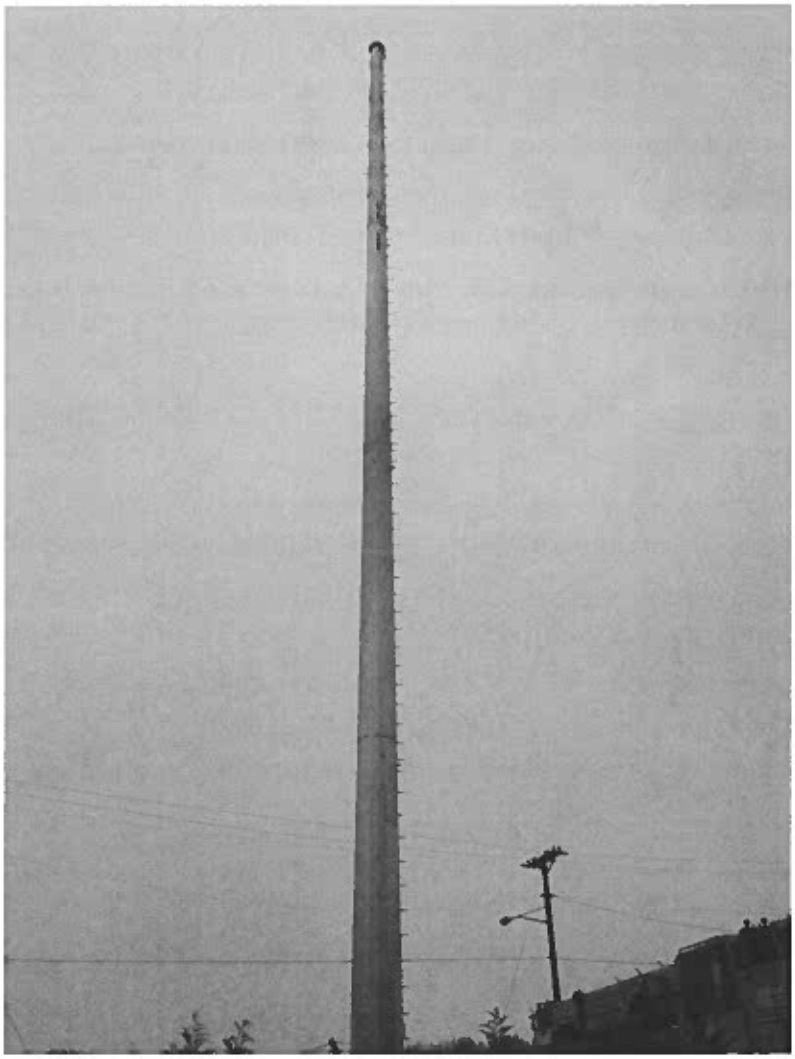
17.0 TRAINING

All associates are required to complete a variety of training activities. A training record is maintained for each associate. Periodic audits are conducted to assure that each associate's training requirements are current and updated, if needed.

18.0 SERVICING MANUFACTURED GOODS

MVA POWER INC.. does not provide servicing to manufactured goods. MVA POWER INC.. does provide field service consultation upon customer request.

MVA POWER
Standard Tower Assembly Manual



MVA POWER INC.

POWER INC.

Introduction and Safety Guidelines

Important!

- Read through the manual in its entirety prior to assembly and installation of the tower.
- WARNING: Improper use may cause property damage, serious injury or death; therefore, it is highly recommended that trained professionals are installing the towers.

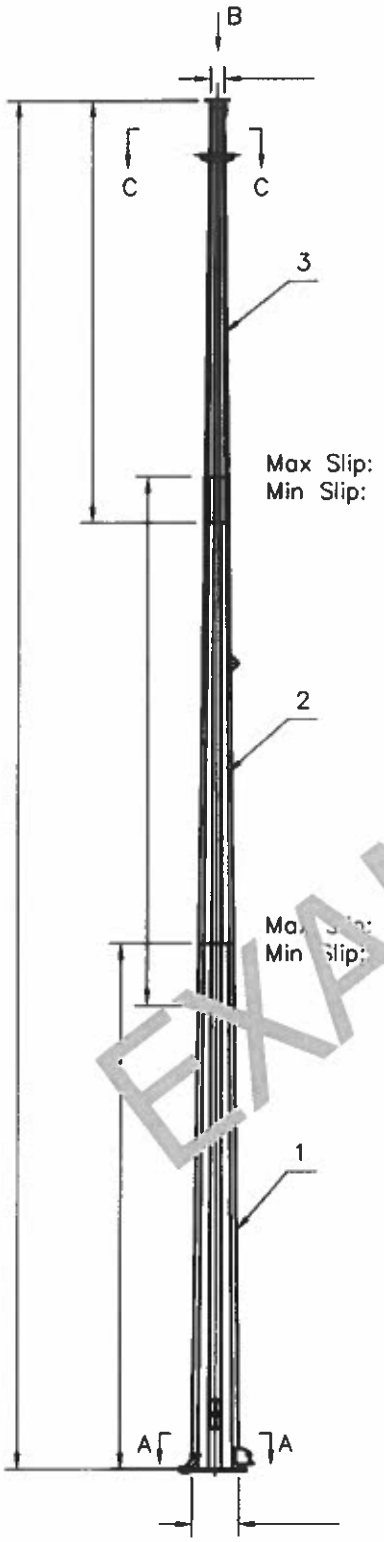
Safety

- All planning should take place prior to installation to determine the required clearance and ensure proper space for raising and lowering the tower.
- The work area should be kept clean and free from trip hazards.
- Products should be inspected for damage prior to use. If any damage is noted, parts must be replaced or repaired immediately, per manufacturer's recommendation.
- When construction or erection of free-standing objects is planned, it must be in compliance with local ordinances and local design specifications (i.e. wind speed requirements).
- Tower grounding **must** follow local ordinances. If no local ordinance is given, you may refer to the Ambor Pole Grounding Manual.
- During tower installation, all operators must wear head protection and take adequate safety precaution. Never leave equipment unattended while in operation.
- **NEVER** stand or walk beneath a tower in the middle of the installation. Operators must remain a minimum of two meters from the pole when operating the equipment.
- Installation and/or assembly during sever weather conditions must be avoided, especially electrical storm activity (lightening).
- Maximum allowable wind speed during installation or maintenance is 17m/s (38mph).
- SAFETY FIRST! Caution and common sense must be used when installing/using this product.

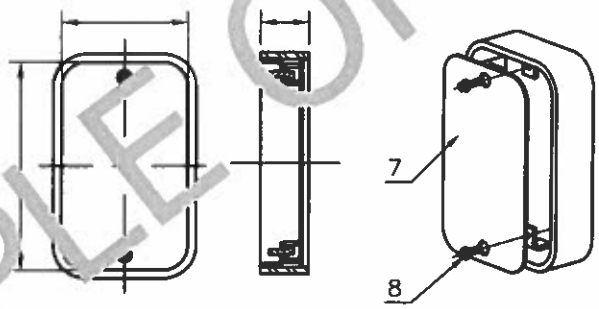
MTA POWER INC.

Standard Tower BOM

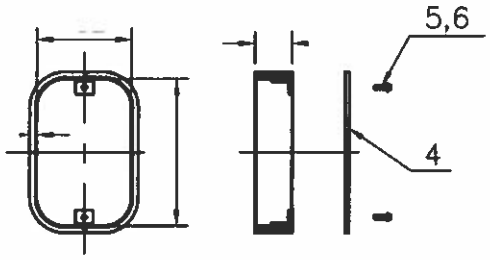
Detailed information and BOM for each order should be provided shortly after the order is shipped. Please contact your representative for detailed BOM for your tower.



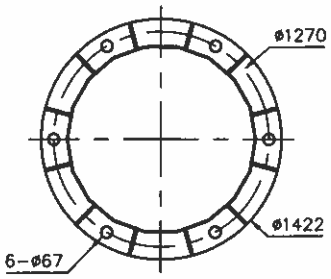
NUM	PART NUMBER	DESCRIPTION	WEIGHT	QTY
1		Section A	4250	1
2		Section B	3060	1
3		Section C	1360	1
4		Handholle Cover Assembly	2.2	1
5		Handholle Cover Assembly	12	1
6		M8x30 Socket Head Cap Screw	/	1
7		6mm Allen Wrench	/	1



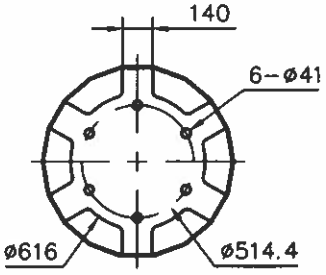
Handhole



Handhole A



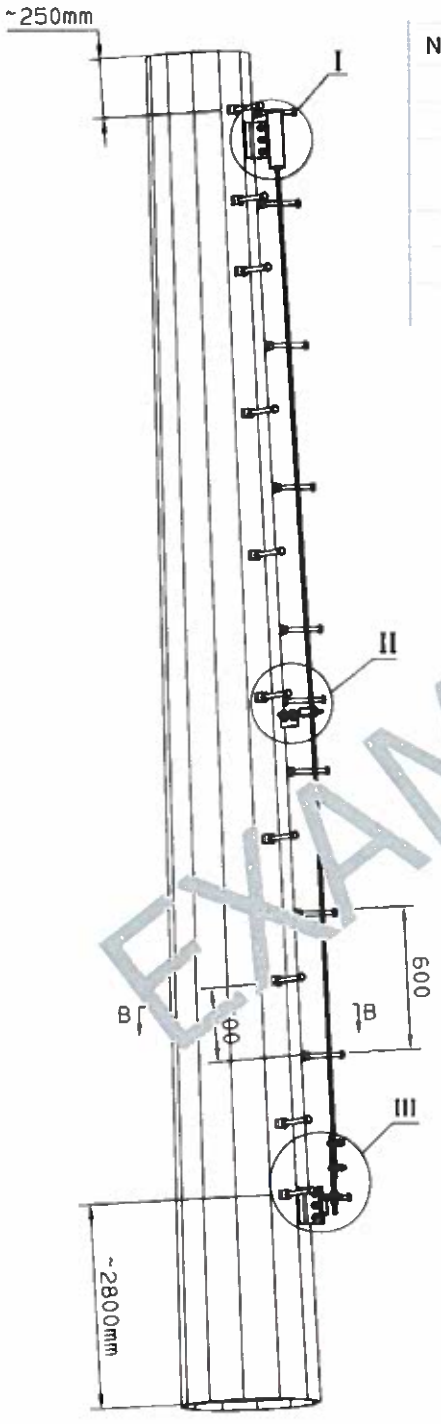
A-A



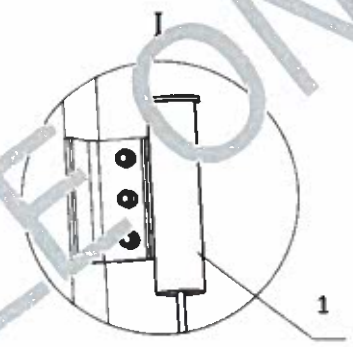
EXAMPLE ONLY

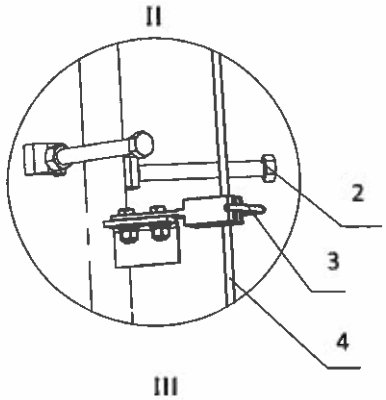
Climbing System—Climbing Pegs BOM

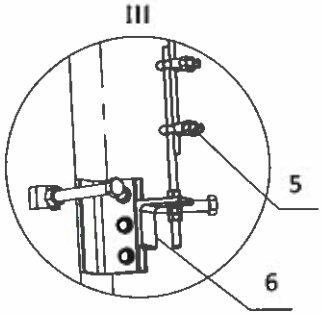
Climbing Peg and Ladder System BOM are provided. Check for details specific to your order on BOM document provided to you by your sales representative.



NUM	PART NUMBER	DESCRIPTION	WEIGHT	QTY
1	C500068	Top Safety Bracket		1
2		Step Bolts		var.
3	DS-6100035	Cable Guide		var.
4	DS-6110000	Steel Cable D9.3		1
5	DS-6100710	Bottom Cable Attachment		1
6	DS-6100035	Bottom Bracket		1
7		M12x50 1N1SW		var.







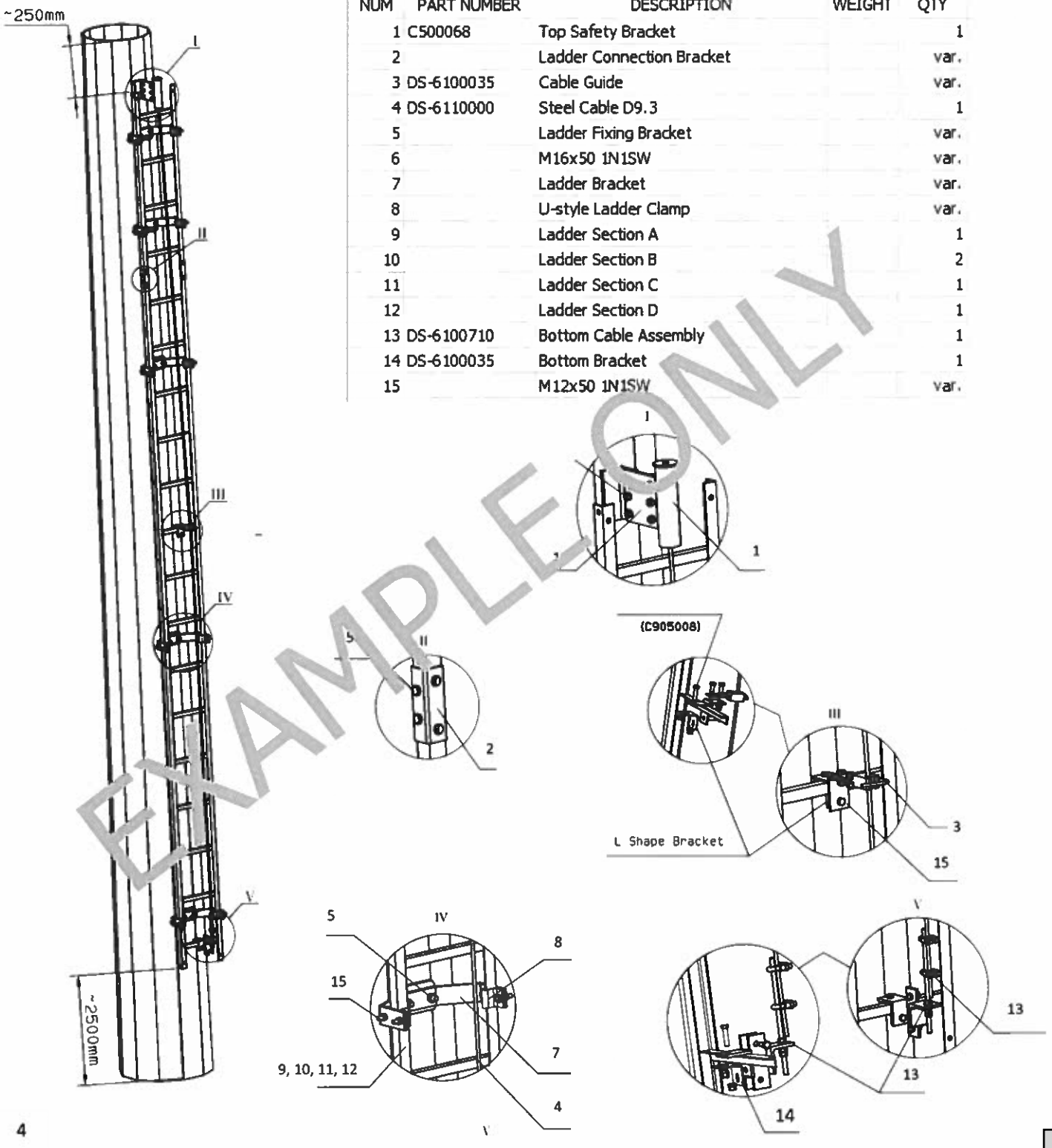
EXAMPLE ONLY

MTA POWER INC.

Climbing System—Ladder BOM

Climbing Peg and Ladder System BOM are provided. Check for details specific to your order on BOM document provided to you by your sales representative.

NUM	PART NUMBER	DESCRIPTION	WEIGHT	QTY
1	C500068	Top Safety Bracket		1
2		Ladder Connection Bracket		var.
3	DS-6100035	Cable Guide		var.
4	DS-6110000	Steel Cable D9.3		1
5		Ladder Fixing Bracket		var.
6		M16x50 1N1SW		var.
7		Ladder Bracket		var.
8		U-style Ladder Clamp		var.
9		Ladder Section A		1
10		Ladder Section B		2
11		Ladder Section C		1
12		Ladder Section D		1
13	DS-6100710	Bottom Cable Assembly		1
14	DS-6100035	Bottom Bracket		1
15		M12x50 1N1SW		var.



EXAMPLE ONLY

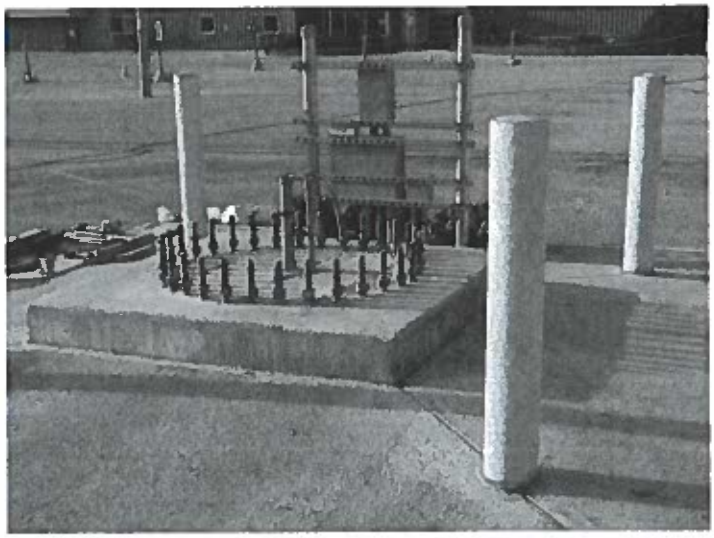
POWER INC.

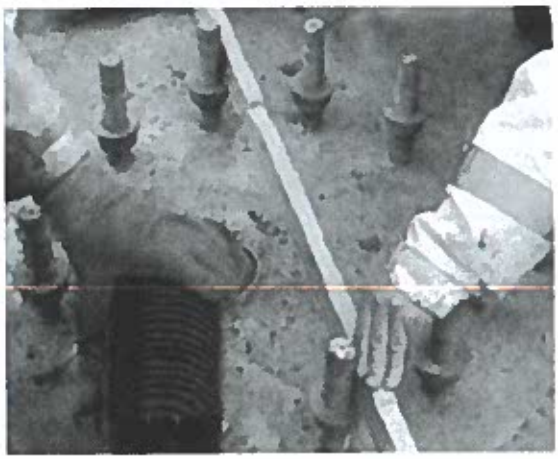
Prior to Tower Assembly:

1. Check shipment and verify there are no missing items.

2. Discuss picking options with your Crane Operating Engineer. Make sure to discuss and plan out the proper pick points and complete tower erection.

3. Measure the bolts from the concrete and set each of the leveling nuts to 120mm above the concrete. Adjust each of the leveling nuts to create a level surface for the tower.





4. Place a washer on each of the leveling nuts.

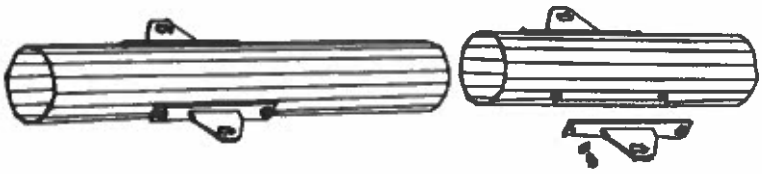
POWER INC.

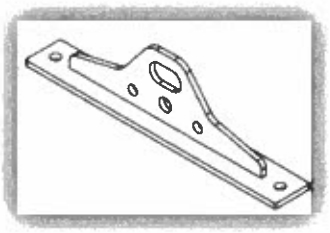
Joining Tower Sections

1. Arrange tower sections in order with the male and female ends aligned. Make sure each section is propped up off the ground to prevent damage to the tower shaft. Align the sections on the weld seams.

2. Measure and mark all slip distances. This is to make sure the tower meets the minimum slip distance and does not exceed the maximum.
3. Located near the top and bottom of each section are M24 nuts that have been welded onto the tower. Attach the all four jacking brackets or step bolt brackets to each side of the tower using the hardware provided with the jacking bracket sets. These will be used to assist in joining the sections.
4. Once all Jacking Brackets are in place, attach device to jacking bracket and pull sections together. It is up to the installer to determine the appropriate tool for achieving the pull force requirement specified below (i.e., ratchet chain hoist, ratchet binder, cable hoist, etc.).
5. For towers with more than two sections, repeat steps 2-4.

PULL FORCE REQUIREMENT	
Inner diameter (flat to flat) of the female end (mm)	Minimum Pull Force "A" Per side (kN)
<300	20
300-500	30
500-700	40
700-900	50
900-1200	60
1200-1400	80
1400-1600	100
1600-1800	120
1800-2000	150
>2000	200



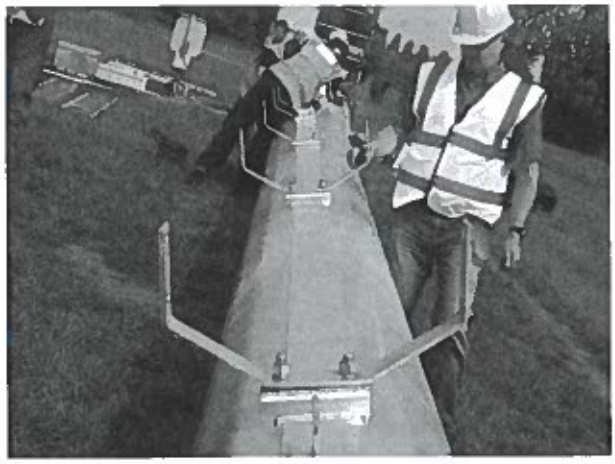


Assembly Instructions

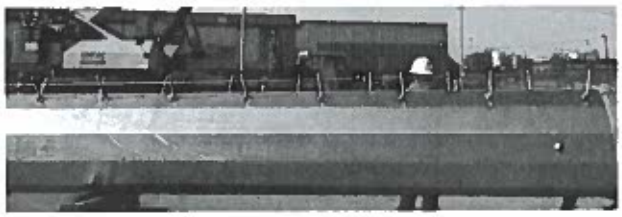
Installing climbing hardware:

1. After the sections are nested together, loosely assemble climbing hardware. This could include: ladder brackets, ladder connections, step bolts, cable guides, Top Safety brackets, etc.)

   NOTE: when lifting the sections separately with the crane, only assemble safety cable at the top safety brackets. Cable should be attached to cable guides and bottom bracket once all tower sections are fully joined.



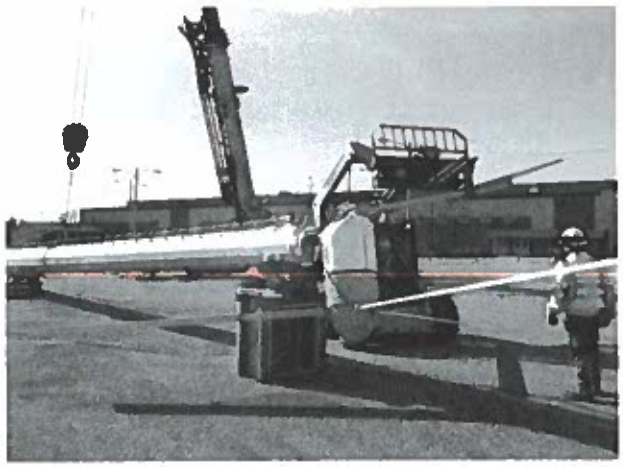
2. Install ladder sections, but do not tighten. There will be adjustments once all sections are together.



Installing Accessories:

1. In many cases there are accessories such as platforms or wind turbines to mount onto the tower. Most of the time these can be installed while the tower is still on the ground.

2. To install wind turbine/platform, prop up the end on a taller pallet.

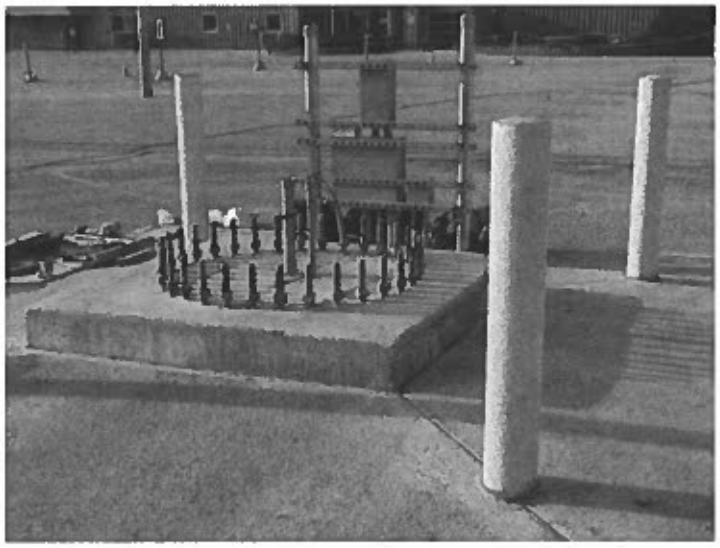


Note: When ready to install with crane, make sure rigging is done with points that can support the weight. (i.e., outside platform members may not be rated to support weight of full tower. Attach straps to the tower)

POWER INC.

Assembly Instructions

1. Before lifting, double check that all leveling nuts are level.



2. Work with the Crane Operator to lift the tower into place.

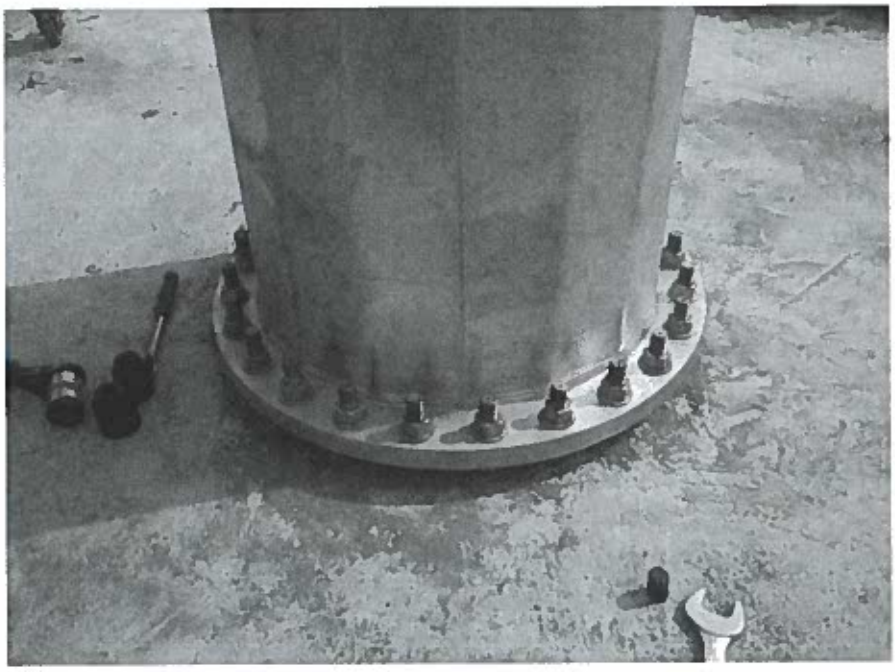
3. Once the baseplate is close to the correct position, slowly lower tower on to anchor bolts. Guide by hand onto the anchor bolts.

MVA POWER INC.

Assembly Instructions

1. Fasten all anchor bolts down with the washer and nuts.

2. After all anchor bolt nuts are in place, tighten each to meet recommended bolt torque specifications found on last page of this manual.



MVA POWER INC.

Recommended Bolt Torque

Recommended Bolt Torque for Grade 8.8 Connection Bolts						
Bolt Size (mm)	Width Across Flats (mm)	Net Area (mm2)	Yield Stress (Mpa)	Tension Force (N)	Recommended Torque N*m	Pretension Force (N)
10	16	58	640 (8.8)	37120	37 (27 lb.ft.)	18560
12	18	84	641 (8.8)	53952	65 (48 lb.ft.)	26976
16	24	157	642 (8.8)	100480	161 (119 lb.ft.)	50240
20	30	245	643 (8.8)	156672	313 (231 lb.ft.)	78336
24	36	353	644 (8.8)	225600	541 (400 lb.ft.)	112800
27	41	459	645 (8.8)	294016	794 (586 lb.ft.)	147008
30	46	561	646 (8.8)	358784	1076 (795 lb.ft.)	1179392
33	50	694	647 (8.8)	444160	1466 (1083 lb.ft.)	222080
36	55	817	648 (8.8)	522688	1882 (1390 lb.ft.)	261344
42	65	1121	649 (8.8)	717440	3013 (2225 lb.ft.)	358720
48	75	1473	650 (8.8)	942720	4525 (3342 lb.ft.)	471360
56	85	2030	651 (8.8)	1299200	7276 (5373 lb.ft.)	469600
Recommended Bolt Torque for Anchor Bolts						
Bolt Size (mm)	Width Across Flats (mm)	Net Area (mm2)	Yield Stress (Mpa)	Tension Force (N)	Recommended Torque (N*m)	Pretension Force (N)
20	30	245	355 (45#)	86904	174 (128 lb.ft.)	43452
24	36	353	356 (45#)	125138	300 (222 lb.ft.)	62569
27	41	459	357 (45#)	163087	440 (325 lb.ft.)	81544
30	46	561	358 (45#)	199013	597 (441 lb.ft.)	99507
33	50	694	380 (GR55)	263720	870 (643 lb.ft.)	131860
36	55	817	358 (45#)	289929	1044 (777 lb.ft.)	144964
42	65	1121	359 (45#)	397955	1671 (1234 lb.ft.)	198978
48	75	1473	360 (45#)	522915	2510 (1854 lb.ft.)	261458
56	85	2030	361 (45#)	720650	4036 (2981 lb.ft.)	360325

Notes:

1. In our experience, we would prefer to apply 50% of maximum tension of the bolt as pretension force
2. Pretension Torque: Tc=k*D*Pc

K=0.2 (According to the Machine Design Handbook)

D – Bolt Diameter

Pc – Pretension force

Interseal® 670HS

Surface Tolerant Epoxy

PRODUCT DESCRIPTION

A low VOC, two component high build, high solids surface tolerant epoxy maintenance coating.

INTENDED USES

For application to a wide variety of substrates including hand prepared rusty steel, abrasive blast cleaned and hydroblasted steel, and a wide range of intact, aged coatings.
Provides excellent anti-corrosive protection in industrial, coastal structures, pulp and paper plants, bridges and offshore environments in both atmospheric exposure and immersion service

PRACTICAL INFORMATION FOR INTERSEAL 670HS

Colour	Available in a wide range of colours including Aluminium
Gloss Level	Semi-gloss (Aluminium is eggshell)
Volume Solids	82% ± 3% (depends on colour)
Typical Thickness	100-250 microns (4-10 mils) dry equivalent to 122-305 microns (4.9-12.2 mils) wet
Theoretical Coverage	6.56 m^2/litre at 125 microns d.f.t and stated volume solids 263 sq.ft/US gallon at 5 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless spray, Air spray, Brush, Roller

Drying Time ▲

			Overcoating Interval Interseal 670HS with Self			Overcoating Interval with recommended topcoats		
Temperature	**Touch Dry**	**Hard Dry**	*Min*	*Max* ●	*Max* †	*Min*	*Max* ●	*Max* †#
10°C (50°F)	8 hours	32 hours	32 hours	6 weeks	Extended*	20 hours	21 days	12 weeks
15°C (59°F)	7 hours	26 hours	26 hours	4 weeks	Extended*	14 hours	14 days	8 weeks
25°C (77°F)	5 hours	18 hours	18 hours	14 days	Extended*	10 hours	7 days	4 weeks
40°C (104°F)	2 hours	6 hours	6 hours	7 days	Extended*	4 hours	3 days	2 weeks

▲ For curing at low temperatures, an alternative curing agent is available. See Product Characteristics for details.
● Refers to situations where immersion is likely to occur
† Refer to atmospheric service only
* See International Protective Coatings Definitions & Abbreviations
# Maximum overcoating intervals are shorter when using polysiloxane topcoats. Consult International Protective Coatings for further details.

REGULATORY DATA

Flash Point (Typical)	Base (Part A) 36°C (97°F)	Curing Agent (Part B) 56°C (133°F)	Mixed 33°C (91°F)
Product Weight	1.6 kg/l (13.3 lb/gal)		
VOC	114 g/kg	EU Solvent Emissions Directive (Council Directive 1999/13/EC)	
	2.00 lb/gal (240 g/lt)	EPA Method 24	
	151 g/lt	Chinese National Standard GB23985	

Interseal® 670HS

Surface Tolerant Epoxy

SURFACE PREPARATION

The performance of this product will depend upon the degree of surface preparation. The surface to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Accumulated dirt and soluble salts must be removed. Dry bristle brushing will normally be adequate for accumulated dirt. Soluble salts should be removed by fresh water washing.

Abrasive Blast Cleaning

For immersion service, Interseal 670HS must be applied to surfaces blast cleaned to Sa2.5 (ISO 8501-1:2007) or SSPC-SP10. However, for atmospheric exposure best performance will be achieved when Interseal 670HS is applied to surfaces prepared to a minimum of Sa2.5 (ISO 8501-1:2007) or SSPC-SP6.

Surface defects revealed by the blast cleaning process, should be ground, filled, or treated in the appropriate manner.

A surface profile of 50-75 microns (2-3 mils) is recommended.

Hand or Power Tool Preparation

Hand or power tool clean to a minimum St2 (ISO 8501-1:2007) or SSPC-SP2.

Note, all scale must be removed and areas which cannot be prepared adequately by chipping or needle gun should be spot blasted to a minimum standard of Sa2 (ISO 8501-1:2007) or SSPC-SP6. Typically this would apply to C or D grade rusting in this standard.

Ultra High Pressure Hydroblasting/Abrasive Wet Blasting

May be applied to surfaces prepared to Sa2.5 (ISO 8501-1:2007) or SSPC-SP6 which have flash rusted to no worse than Grade HB2.5M (refer to International Hydroblasting Standards) or Grade SB2.5M (refer to International Slurry blasting Standards). It is also possible to apply to damp surfaces in some circumstances. Further information is available from International Protective Coatings.

Aged Coatings

Interseal 670HS is suitable for overcoating a limited range of intact, tightly adherent aged coatings. Loose or flaking coatings should be removed back to a firm edge. Glossy finishes may require light abrasion to provide a physical 'key'. See Product Characteristics section for further information.

APPLICATION

Mixing

Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.

(1) Agitate Base (Part A) with a power agitator.
(2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.

Mix Ratio

5.67 parts : 1.00 part by volume

Working Pot Life

10°C (50°F)	15°C (59°F)	25°C (77°F)	40°C (104°F)
5 hours	3 hours	2 hours	1 hour

Airless Spray

Recommended. Tip range 0.45-0.58 mm (18-23 thou). Total output fluid pressure at spray tip not less than 176 kg/cm² (2,500 p.s.i.)

Air Spray (Pressure Pot)

Recommended.

Gun	DeVilbiss MBC or JGA
Air Cap	704 or 765
Fluid Tip	E

Brush

Recommended. Typically 100-125 microns (4-5 mils) can be achieved

Roller

Recommended. Typically 75-100 microns (3-4 mils) can be achieved

Thinner

International GTA220. Thinning is not normally required. Consult the local representative for advice during application in extreme conditions. Do not thin more than allowed by local environmental legislation.

Cleaner

International GTA822 (or GTA415)

Work Stoppages

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA822. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

Clean Up

Clean all equipment immediately after use with International GTA822. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Interseal® 670HS

Surface Tolerant Epoxy

PRODUCT CHARACTERISTICS

For water immersion service, surface preparation to a minimum of Sa2.5 (ISO 8501-1:2007) or SSPC-SP10 followed by application of multi-coats of Interseal 670HS to a total minimum dry film thickness of 250 microns (10 mils) is required.

Colours derived from chromascan bases as the first coat of a specification for immersion service is not recommended.

Maximum film build in one coat is best attained by airless spray. When applying by methods other than airless spray, the required film build is unlikely to be achieved. Application by air spray may require a multiple cross spray pattern to attain maximum film build. Low or high temperatures may require specific application techniques to achieve maximum film build.

If salt water is used in the wet blast process the resulting surface must be thoroughly washed with fresh water before application of Interseal 670HS. With freshly blasted surfaces a slight degree of flash rusting is allowable, and is preferable to the surface being too wet. Puddles, ponding and accumulations of water must be removed.

Interseal 670HS may be applied to suitably sealed or primed concrete; contact International Protective Coatings for further advice on specification and primers.

Interseal 670HS is suitable for overcoating intact, aged alkyd, epoxy and polyurethane systems. However, this product is not recommended where thermoplastic coatings such as chlorinated rubbers and vinyls have previously been used. Please consult International Protective Coatings for alternative recommendations.

Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Level of sheen and surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible.

In common with all epoxies Interseal 670HS will chalk and discolour on exterior exposure. However, these phenomena are not detrimental to anti-corrosive performance.

Premature exposure to ponding water will cause a colour change, especially in dark colours.

Interseal 670HS can be used as a non-skid deck system by modification with addition of GMA132 (crushed flint) aggregate. Application should then be to a suitably primed surface. Typical thicknesses will be between 500-1,000 microns (20-40 mils). Preferred application is by a suitable large tip hopper gun (e.g. Sagola 429 or Air texture gun fitted with a 5-10 mm nozzle). Trowel or roller can be used for small areas. Alternatively, a broadcast method of application can be used. Consult International Protective Coatings for further details.

Low Temperature Curing

A winter grade curing agent is also available to enable more rapid cure at temperatures less than 10°C (50°F), however this curing agent will give an initial shade variation and more rapid discoloration on weathering.

Interseal 670HS is capable of curing at temperatures below 0°C (32°F). However, this product should not be applied at temperatures below 0°C (32°F) where there is a possibility of ice formation on the substrate.

			Overcoating Interval Interseal 670HS with Self			Overcoating Interval with recommended topcoats		
Temperature	**Touch Dry**	**Hard Dry**	*Min*	*Max* •	*Max* †	*Min*	*Max* •	*Max* †
-5°C (23°F)	24 hours	72 hours	72 hours	12 weeks	Extended*	72 hours	84 hours	12 weeks
0°C (32°F)	16 hours	56 hours	56 hours	10 weeks	Extended*	42 hours	54 hours	10 weeks
5°C (41°F)	9 hours	36 hours	36 hours	8 weeks	Extended*	36 hours	48 hours	8 weeks
10°C (50°F)	5 hours	24 hours	24 hours	6 weeks	Extended*	16 hours	24 hours	6 weeks

• Refers to situations where immersion is likely to occur

† Refer to atmospheric service only

* See International Protective Coatings Definitions & Abbreviations

Touch dry times shown above are actual drying times due to chemical cure, rather than physical set due to solidification of the coating film at temperatures below 0°C (32°F).

Note: VOC values quoted are based on maximum possible for the product taking into account variations due to colour differences and normal manufacturing tolerances.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24

SYSTEMS COMPATIBILITY

Interseal 670HS will normally be applied to correctly prepared steel substrates. However, it can be used over suitably primed surfaces. Suitable primers are:

- Intercure 200
- Interzinc 315
- Interplus 356
- Interplus 256
- Intergard 269

Where a cosmetically acceptable topcoat is required the following products are recommended:

- Intercryl 530
- Interfine 878
- Intergard 740
- Interthane 990
- Interfine 629HS
- Interfine 979
- Interthane 870

Other suitable primers/topcoats are available. Consult International Protective Coatings.

ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com.

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

PACK SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	20 litre	17 litre	20 litre	3 litre	3.7 litre
	5 US gal	4.25 US Gal	5 US Gal	0.75 US Gal	1 US gal
	For availability of other pack sizes, contact International Protective Coatings				

SHIPPING WEIGHT (TYPICAL)	Unit Size	Part A	Part B
	20 litre	30.8 kg	3.5 kg
	5 US gal	64.9 lb	6.8 lb

STORAGE	Shelf Life	12 months minimum at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition. Protect from frost.

Important Note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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www.international-pc.com

PRODUCT DESCRIPTION

A two component, high build, acrylic polyurethane finish giving excellent durability and long term recoatability.

INTENDED USES

Suitable for use in both new construction and as an industrial maintenance finish which can be used in a wide variety of environments including offshore structures, petrochemical facilities, bridges, pulp and paper mills, and in the power industry.

Particularly designed for use in areas where a high gloss is either not desired or where a semi-gloss is the preferred option.

Provides a versatile option where overcoating of intermediates in one coat is not possible using conventional high gloss polyurethane finishes.

PRACTICAL INFORMATION FOR INTERTHANE 870

Colour	Wide range via the Chromascan system
Gloss Level	Semi Gloss
Volume Solids	56% ± 3% (depends on colour)
Typical Thickness	75-125 microns (3-5 mils) dry equivalent to 134-223 microns (5.4-8.9 mils) wet
Theoretical Coverage	4.50 m²/litre at 125 microns d.f.t and stated volume solids 180 sq.ft/US gallon at 5 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless Spray, Air Spray, Brush, Roller

Drying Time

			Overcoating Interval with recommended topcoats	
Temperature	**Touch Dry**	**Hard Dry**	*Minimum*	*Maximum*
5°C (41°F)	90 minutes	30 hours	30 hours	Extended[1]
15°C (59°F)	75 minutes	16 hours	16 hours	Extended[1]
25°C (77°F)	60 minutes	5 hours	5 hours	Extended[1]
40°C (104°F)	45 minutes	2.5 hours	2.5 hours	Extended[1]

[1] See International Protective Coatings Definitions and Abbreviations

REGULATORY DATA

Flash Point	Part A 35°C (95°F); Part B 50°C (122°F); Mixed 35°C (95°F)	
Product Weight	1.38 kg/l (11.5 lb/gal)	
VOC	3.14 lb/gal (377 g/lt) 280 g/kg	EPA Method 24 EU Solvent Emissions Directive (Council Directive 1999/13/EC)

See Product Characteristics section for further details

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Primed Surfaces

Interthane 870 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination and Interthane 870 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2½ (ISO 8501-1:2007) or SSPC-SP6, Abrasive Blasting, or SSPC-SP11, Power Tool Cleaning) and patch primed prior to the application of Interthane 870.

APPLICATION

Mixing

Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.

(1) Agitate Base (Part A) with a power agitator.
(2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.

Mix Ratio

7 part(s) : 1 part(s) by volume

Working Pot Life

5°C (41°F)	15°C (59°F)	25°C (77°F)	40°C (104°F)
7 hours	3.5 hours	2 hours	45 minutes

Airless Spray	Recommended	Tip Range 0.43-0.58 mm (17-23 thou) Total output fluid pressure at spray tip not less than 155 kg/cm² (2204 p.s.i.)	
Air Spray (Pressure Pot)	Recommended	Gun Air Cap Fluid Tip	DeVilbiss MBC or JGA 704 or 765 E
Air Spray (Conventional)	Suitable	Use suitable proprietary equipment	
Brush	Suitable	Typically 50-75 microns (2.0-3.0 mils) can be achieved	
Roller	Suitable	Typically 50-75 microns (2.0-3.0 mils) can be achieved	
Thinner	International GTA713 or International GTA733 (or International GTA056)	Do not thin more than allowed by local environmental legislation	

Cleaner

International GTA713, International GTA733 or International GTA056

Work Stoppages

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA713. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

Clean Up

Clean all equipment immediately after use with International GTA713. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

PRODUCT CHARACTERISTICS

Level of sheen and surface finish are dependent on application method. Avoid using a mixture of application methods whenever possible.

Maximum film build in one coat is best attained by airless spray. When applying by methods other than airless spray, the required film build is unlikely to be achieved. Application by air spray may require a multiple cross spray pattern to attain maximum film build. Low or high temperatures may require specific application techniques to achieve maximum film build.

If application in one coat using brush and roller is desired then the undercoat shade should be chosen to match the final coat shade. Dark coloured and MIO undercoats will typically require 2 coats of Interthane 870.

When applying Interthane 870 by brush or roller, it may be necessary to apply multiple coats to achieve the total specified system dry film thickness.

Applicators should be aware that the ability to apply Interthane 870 in one coat will be affected by the temperature of the substrate. At higher steel temperatures, lower film builds and thinner coats are likely to be achieved.

This product must only be thinned using the recommended International thinners. The use of alternative thinners, particularly those containing alcohols, can severely inhibit the curing mechanism of the coating.

Do not apply at steel temperatures below 5°C (41°F).

When applying Interthane 870 in confined spaces ensure adequate ventilation.

When overcoating after weathering or ageing, ensure the coating is fully cleaned to remove all surface contamination such as oil, grease, salt crystals and traffic fumes, before application of a further coat of Interthane 870.

Condensation occurring during or immediately after application may result in a matt finish and an inferior film.

Premature exposure to ponding water will cause colour change, especially in dark colours and at low temperatures.

Absolute measured adhesion of topcoats to aged Interthane 870 is less than that to fresh material, however, it is adequate for the specified end use.

This product is not recommended for use in immersion conditions. When severe chemical or solvent splashing is likely to occur contact International Protective Coatings for information regarding suitability.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24.

SYSTEMS COMPATIBILITY

The following primers/intermediates are recommended for Interthane 870:

Intercure 200	Interplus 356
Intercure 200HS	Interseal 670HS
Intercure 420	Interzinc 52
Intercure 420HS	Interzinc 52HS
Intergard 251	Interzinc 315
Intergard 475HS	Interzone 505
Interplus 256	Interzone 954

Interthane 870 is designed only to be topcoated with itself.

For other suitable primers/intermediates, consult International Protective Coatings.

ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com:

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
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SAFETY PRECAUTIONS

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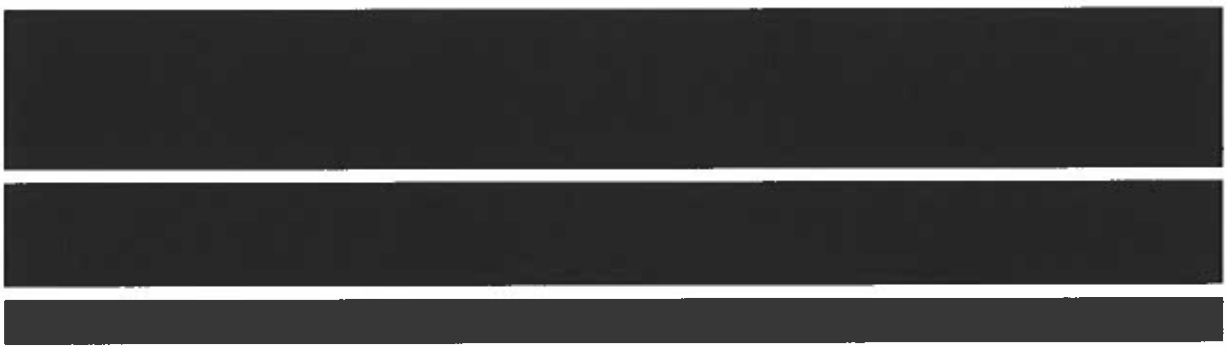
All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

Warning: Contains isocyanate. Wear air-fed hood for spray application.



Important Note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this date sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local International Paint representative that this data sheet is current prior to using the product.

Issue date: 07/07/2009

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www.international-pc.com

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1 Fairholm Avenue Peoria, IL 61603-2319

QUOTATION Q25-11123

November 4, 2025

Rochelle Municipal Utilities

Thank you for the opportunity to meet the supply requirements of your current need. ROHN is pleased to supply the attached quotation. We have carefully reviewed your requirements and believe our proposal meets those requirements, unless otherwise noted. Please note the validity period and related terms and conditions as attached.

Please carefully review the quotation supplied. We would be happy to supply any further information you may need, which will receive our prompt and careful attention. ROHN believes you, as our valued client, should have a single point of contact for your business with ROHN. That is normally your sales contact person. Your contact can assist you by answering a wide variety of questions and bringing in additional resources as required.

Primary Sales Contact

Jeff Arends
j.arends@rohntower.com
309-566-3004

Lastly, the entire ROHN team is here to serve your needs and requirements. Please call on any of us to assist you as needed. ROHN values both our relationship and your business.

Sincerely,

Janelle Houge
ROHN Quotation Team
j.houge@rohntower.com
309-566-3017

Configuration Number:
CU-25366

Quotation Number:
Q25-11123

Quote Date: **11/04/2025**
Quote Valid for: **30 Days**

Project Name: Ritchie to Centerpoint 34.5 Kv Line

Total Price: $2,115,800.00
Total Weight: 635,607lbs.
Total Number of Structures: 54
See attached page for quote details.

Any applicable state sales tax is not included in the prices quoted (unless specified). Please provide sales tax exemption form if applicable.

Please note: Lead Times are estimated based on current information and can fluctuate due to production capacity. The lead times are reassessed upon receiving the Purchase Order and can vary often. Please contact ROHN to verify current lead times or if a better delivery date is possible when placing order.

Estimated Current Lead Time (ARO): 42-46 Weeks

Notes:

- F.O.B: Freight allowed and pre-paid to the job site Rochelle, IL

Quotation Specific Terms:

1. This proposal is valid for 30 days from the quotation date, unless specifically stated on quote. Please refer to ROHN Products, LLC's proposal number when submitting a purchase order.
2. Terms for materials: ROHN Product's, LLC's terms for material purchases are: net (30) days
3. This proposal is subject to the attached terms and conditions of sale.
4. Unless otherwise stated, quoted prices do not include taxes. Refer to terms and conditions of sale. Taxes will be invoiced unless an exemption certificate is provided with the order.
5. Delivery schedules are contingent upon customer's written approvals to begin fabrication and the backlog at the time of order and the availability of materials.
6. Certification of ROHN Products, LLC's product designs based on specifications provided to Rohn Products, LLC and do not include serving as a project's prime professional or engineer of record for the purposes of reviewing and coordinating documents submitted for a building permit, including deferred submittals and documents prepared by others. ROHN Products, LLC has not verified that the design parameters provided to ROHN Products, LLC for this proposal meet the requirements for the intended application or meet the requirements of the appropriate regulatory agencies. Price adjustments may apply for requirements in addition to those stated in this proposal.
7. Materials and services placed on hold for more than 15 days after placement of an order will be subject to a price review upon notification to proceed with the order. This may result in an increase to the quoted prices.
8. For structures to be shipped by the customer at the point of manufacturing, dunnage and loading charges of $350 may apply and will be invoiced with the structure.
9. Storage charges will be .02% of invoiced amount per day with a minimum charge of $8.00 a day. These charges will be invoiced on a monthly basis for material requested to be withheld from shipment starting 30 days from the initial notification from ROHN Products, LLC, that the material was available for shipment.
10. Additional freight may apply for optional items ordered. Prices for optional items are based on the optional items being ordered with the structure.
11. Acceptance of an order will be contingent on customer credit approval. Terms, as noted above, may be subject to change based on findings.
12. Design profile provided at time of quotation is preliminary and is subject to change based upon final design.
13. This quotation is proprietary, confidential, and a trade secret of ROHN Products LLC. This proposal is being provided for the exclusive use of our customer and is not to be disclosed to third parties.
14. Unless noted above, ROHN Products, LLC general terms and conditions (attached) apply.
15. Purchaser agrees to accept delivery on the mutually agreed upon delivery date. If this date passes, and the product is completed and staged for delivery, the purchaser acknowledges that it has accepted title to the goods.
16. ROHN Products, LLC will not be responsible for customer contractor delays during construction due to delivery delays or delivery of poles in nonsequential order or for any other contractor or construction related charges.
17. ROHN Products, LLC reserves the right to pass any tariff-induced price increases on raw steel products to the purchaser.

11/5/2025

Q25-11123 STRUCTURE DETAILS

Rochelle Municipal Utilities

Structure	Quantity	Unit Weight	Total Weight	Unit Price	Extended Price
STR # 1-MOD	1	11,912	11,912	$40,500.00	$40,500.00
Anchor Cage	1	3,594	3,594	$9,800.00	$9,800.00
STR # 1	1	18,415	18,415	$62,600.00	$62,600.00
Anchor Cage	1	3,597	3,597	$9,800.00	$9,800.00
STR # 7	1	18,638	18,638	$63,350.00	$63,350.00
Anchor Cage	1	3,597	3,597	$9,800.00	$9,800.00
STR # 8	1	18,415	18,415	$62,600.00	$62,600.00
Anchor Cage	1	3,597	3,597	$9,800.00	$9,800.00
Str # 14	1	16,260	16,260	$55,250.00	$55,250.00
Anchor Cage	1	3,496	3,496	$9,550.00	$9,550.00
STR # 18	1	17,141	17,141	$58,250.00	$58,250.00
Anchor Cage	1	3,589	3,589	$9,800.00	$9,800.00
STR # 19	1	19,889	19,889	$67,600.00	$67,600.00
Anchor Cage	1	3,602	3,602	$9,800.00	$9,800.00
STR # 20	1	30,891	30,891	$104,950.00	$104,950.00
Anchor Cage	1	5,222	5,222	$14,200.00	$14,200.00
STR # 21	1	12,697	12,697	$43,150.00	$43,150.00
Anchor Cage	1	3,471	3,471	$9,450.00	$9,450.00
STR #22	1	12,697	12,697	$43,150.00	$43,150.00
Anchor Cage	1	2,471	2,471	$6,750.00	$6,750.00
STR # 24	1	12,697	12,697	$43,150.00	$43,150.00
Anchor Cage	1	2,471	2,471	$6,750.00	$6,750.00
STR # 25	1	16,618	16,618	$56,450.00	$56,450.00
Anchor Cage	1	2,738	2,738	$7,450.00	$7,450.00
STR # 26	1	12,619	12,619	$42,900.00	$42,900.00
Anchor Cage	1	3,562	3,562	$9,700.00	$9,700.00
STR # 33	1	22,502	22,502	$76,450.00	$76,450.00
Anchor Cage	1	4,407	4,407	$12,000.00	$12,000.00
STR # 35	1	21,584	21,584	$73,350.00	$73,350.00
Anchor Cage	1	3,613	3,613	$9,850.00	$9,850.00
STR # 36	1	21,689	21,689	$73,700.00	$73,700.00
Anchor Cage	1	3,613	3,613	$9,850.00	$9,850.00
STR # 45	1	31,212	31,212	$106,050.00	$106,050.00
Anchor Cage	1	5,305	5,305	$14,450.00	$14,450.00
STR # 51	1	24,701	24,701	$83,950.00	$83,950.00
Anchor Cage	1	4,419	4,419	$12,050.00	$12,050.00
STR # 2	1	3,601	3,601	$12,250.00	$12,250.00
STR # 3	1	3,601	3,601	$12,250.00	$12,250.00
STR # 4	1	3,869	3,869	$13,150.00	$13,150.00
STR # 5	1	3,869	3,869	$13,150.00	$13,150.00
STR # 6	1	3,869	3,869	$13,150.00	$13,150.00
STR # 9	1	5,655	5,655	$19,250.00	$19,250.00
STR # 10	1	6,740	6,740	$22,900.00	$22,900.00
STR # 11	1	4,132	4,132	$14,050.00	$14,050.00
STR # 12	1	3,601	3,601	$12,250.00	$12,250.00
STR # 13	1	3,601	3,601	$12,250.00	$12,250.00
STR # 15	1	3,459	3,459	$11,750.00	$11,750.00

STR # 16	1	6,386	6,386	$21,700.00	$21,700.00
STR # 17	1	6,386	6,386	$21,700.00	$21,700.00
STR # 23	1	7,608	7,608	$25,850.00	$25,850.00
STR # 27	1	7,776	7,776	$26,450.00	$26,450.00
STR # 28	1	9,232	9,232	$31,400.00	$31,400.00
STR # 29	1	9,232	9,232	$31,400.00	$31,400.00
STR # 30	1	9,232	9,232	$31,400.00	$31,400.00
STR # 31	1	9,232	9,232	$31,400.00	$31,400.00
STR # 32	1	9,232	9,232	$31,400.00	$31,400.00
STR # 34	1	6,400	6,400	$21,750.00	$21,750.00
STR # 37	1	8,001	8,001	$27,200.00	$27,200.00
STR # 38	1	8,001	8,001	$27,200.00	$27,200.00
STR # 39	1	8,001	8,001	$27,200.00	$27,200.00
STR # 40	1	8,001	8,001	$27,200.00	$27,200.00
STR # 41	1	8,001	8,001	$27,200.00	$27,200.00
STR # 42	1	8,001	8,001	$27,200.00	$27,200.00
STR # 43	1	8,001	8,001	$27,200.00	$27,200.00
STR # 44	1	8,001	8,001	$27,200.00	$27,200.00
STR # 46	1	5,023	5,023	$17,100.00	$17,100.00
STR # 47	1	5,023	5,023	$17,100.00	$17,100.00
STR # 48	1	5,023	5,023	$17,100.00	$17,100.00
STR # 49	1	5,023	5,023	$17,100.00	$17,100.00
STR # 50	1	4,425	4,425	$15,050.00	$15,050.00
STR # 52	1	7,353	7,353	$25,000.00	$25,000.00
STR # 51 TP	1	6,075	6,075	$20,650.00	$20,650.00
Total	**72**		**635,607**		**$2,115,800**

ROHN Products LLC Terms and Conditions Relating to All Sales

1. All quotations, proposals, prices, or other terms are made for acceptance within 30 days (after 30 days, prices in effect at time of shipment will apply) and shipment within 30 days of purchase order date, unless otherwise stated. They are subject to change without notice; however, ROHN invites your request for an extension. Prices are also subject to review prior to acceptance of any order due to raw material price fluctuations. No other price protection is available. Any order placed on hold will have the price reviewed and adjusted upon release.
2. Every effort will be made to maintain shipping schedules, either on ROHN equipment or via common carrier. ROHN cannot be responsible for delays in shipping caused by state or local agencies with regard to permits, routing, weather, detours, etc. All deliveries and schedules are contingent on availability of raw materials, fuel, and transportation. ROHN will not be liable for damages on account of any delays or abnormalities caused in shipping due to causes beyond our reasonable control. ROHN reserves the right to make partial shipments and to submit invoices accordingly.
3. Changes or modifications to orders can be made only by written agreement executed by all parties affected thereby, which agreement shall include any price modification.
4. ROHN's responsibility ceases upon delivery of all shipments to the carrier. Prior to unloading the carrier, the buyer must visually inspect the product for any damage that may have occurred during shipment. Damages that are not noted by the buyer on ROHN's signed Bill of Lading will be the buyer's responsibility.
5. ROHN will ship monopoles and towers on dedicated flatbed trailers. The carrier's driver will determine whether the site is accessible for delivery. If the driver determines that it is impossible to reach the site without damaging the material, truck or trailer, the buyer is responsible for finding an alternative site for unloading. Buyer is liable for cost incurred because of delayed delivery beyond the control of ROHN.
6. After unloading the material, the buyer must inventory the shipment against the Bill of Material provided by ROHN and make all claims for shortages within 48 hours of delivery. ROHN will not be responsible for claims made after 48 hours of delivery.
7. The buyer will have 2 hours from the arrival time to unload the shipment. If the carrier is delayed longer than 2 hours, an additional freight charge may apply.
8. No federal, state, or local taxes are included in quoted prices. All quotations, proposals, prices, or other terms are subject to increase without notification by the amount of any sales, excise, or other tax levied or charged to seller by any governmental agency and any such tax will be passed onto purchaser as a tax or as an addition to the selling price. This also applies to all costs incurred due to local statutes or governmental regulations.
9. Orders are not subject to cancellation by Buyer except by written agreement with seller. Any order canceled, after any work has been done by ROHN, such as drawings, production, etc., will have a cancellation charge, to be determined solely at the discretion of ROHN for whatever work has been performed with a minimum of 25% of the purchase order price. If Buyer so chooses, he shall have the right to receive the material already performed at time of cancellation at the quoted price. If an order is canceled before any work has been done by ROHN, a $200 cancellation charge will apply.
10. Material received may not be returned by Buyer except by written agreement with seller. In all cases, permission must be secured from ROHN prior to the returning of any goods for credit. All returned goods are subject to a minimum service charge of 25%, plus all transportation charges, and are subject to inspection by ROHN. Returned goods will be offered and paid for only upon proof of purchase (i.e. invoice no.) and credit will be issued against invoice value. ROHN reserves the sole right to determine the amount of credit to be issued on all goods returned for credit. Only standard, currently manufactured ROHN products may be considered for return and credit. Unsalvageable products will be scrapped and no credit will be received. If returned goods are determined to have no value and Buyer wishes them returned, the Buyer will be charged return freight. Safety equipment, erection equipment, insulators, transformers, nuts and bolts are not returnable.
11. ROHN warrants the commercial items of its manufacture only, to be reasonably fit for the purpose for which they are manufactured and sold, provided, however, that this warranty shall be effective only if purchaser installs all material according to ROHN's recommendations and specifications and that purchaser during the warranty period shall regularly, not less than semi-annually, inspect and properly maintain all items. Any item found unfit for its purpose within 12 months from date of delivery will be repaired or replaced free of charge, F.O.B. ROHN's plant. ROHN shall be immediately notified in writing of such unfitness. ROHN reserves the sole right to determine if any material is to be repaired or replaced free of charge or to be supplied at ROHN's standard prices. Such obligation shall be limited to parts returned for inspection, properly packed and expenses prepaid, and providing inspection shall satisfactorily indicate defects. The warranty herein made is in lieu of all other warranties and, except as expressly stated herein, ROHN does not make and there are no warranties or obligations of any kind or nature whatsoever either expressed or implied including, but not restricted to, warranty or obligations as to product, material, workmanship, or manufacture or as to the use of the items covered hereby. ROHN shall not under any circumstances be liable to third persons for any claims for damages including direct, special, indirect, or consequential damages for any reason. The Buyer agrees to indemnify and to hold ROHN harmless for, of, and from any loss, claims, damages, expenses and attorney's fees, including but not limited to, any fines, penalties and corrective measures ROHN may sustain by reason of Buyer's failure to comply with said laws, rules, and regulations in connection with the performance of this sale. The above warranty applies only to items manufactured by ROHN. Items not manufactured by ROHN are guaranteed only to the extent and in the manner warranted and guaranteed to ROHN by the manufacturer of such items and then only to the extent ROHN is liable to enforce such warranty or guarantee. ROHN will assume no responsibility for the adequacy of any product if material is used which is not totally supplied by ROHN. The above sets forth the only warranty made by ROHN in connection with items manufactured or sold by it, and any provisions in any proposals, specifications, advertising, or other provisions hereof, are merely descriptive and are not to be construed as warranties made by ROHN. All warranties are void on drawings made by others, whether by a professional engineer, sealed or not, that are not rechecked by ROHN and approved by ROHN. ROHN assumes no liability for the adequacy of the drawings or the product. Without limiting the generality of the foregoing, the Buyer hereby indemnifies ROHN and hold ROHN harmless from any and all claims and/or damages (including direct, special, indirect or consequential damages, attorneys' fees and costs) relating to or arising out of any highway structure or component not designed by ROHN. **ROHN hereby disclaims any and all warranties, including express or implied warranties of merchantability and fitness for any particular purpose, relating to or arising out of metal fatigue.**
12. ROHN reserves the right to change or modify the product and construction of any product manufactured by ROHN and to substitute material equal to or superior to that originally specified.
13. Buyer agrees not to disclose or make available to any third-party processes, drawings, specifications, reports, photographs, data and other technical or proprietary information relating to ROHN products without obtaining prior written consent of ROHN.
14. No proposal, order, quotation, or acceptance may be changed or varied by verbal agreement, and all orders are accepted only under the provisions set forth herein.
15. Purchase orders and requests for quotations must be submitted in writing to ROHN. It is the responsibility of the Buyer or Buyer Representative to provide ROHN design criteria (environmental loads, equipment loads, operational limitations, geotechnical information, etc.) based on site-specific data. In designing the product for the Buyer, ROHN relies solely and entirely on design criteria provided by the Buyer to ROHN. Without limiting the generality of the indemnities in these Terms & Conditions, the Buyer hereby indemnifies ROHN and holds ROHN harmless from and against any and all claims and/or damages (including direct, special, indirect or consequential damages, attorneys' fees and costs) relating to or arising out of any inaccuracy or incompleteness in design criteria provided to ROHN by the Buyer, and the Buyer waives all claims against ROHN for same.
16. If outside source inspection, assembly, etc. is required prior to shipment of an order, $50.00 per man hour (plus equipment time, if applicable) is chargeable, with $300.00 as a minimum.
17. Any welding inspection required by Buyer or Buyer's specifications must be done at ROHN's plant prior to packing and shipment of material from ROHN's plant.
18. A minimum charge of $25.00 will be billed for special handling and preparation of material for air shipments.
19. ROHN reserves the right to apply all remittances and credit memos to the oldest outstanding balance in your account. No credits will be issued for any reason against a purchase order whose billing is more than 90 days old. Buyer corrections or complaints must be made within this period of time.
20. Standard catalog prices do not include special drawings or product evaluations. If any are required, there will be a charge.
21. ROHN at all times reserves the right to take pictures of any or all of its products after installation for advertising purposes, except those which are under classified governmental control.
22. The Buyer will be responsible for any extra charges incurred on prepaid shipments.
23. A service charge not to exceed 2% per month or maximum allowable per State law will be billed on all accounts not paid within 30 days of invoice date.
24. Minimum total net worth of merchandise which can be ordered is $100.00. Any orders placed for less will be billed at $100.00.
25. Storage charges will be 0.02% of the invoice amount per day with a minimum charge of $8.00 a day. These charges will be invoiced monthly for material requested to be withheld from shipment. Storage will begin 30 days from the date the buyer is notified that the shipment is ready for pickup or delivery.
26. All CIA requirements must be met with certified checks or money orders to insure prompt shipment.
27. Should it become necessary for ROHN to enforce the provisions of this contract, a purchase order or an invoice through pre-suit negotiations, or by instituting or participating in any legal (including bankruptcy) proceedings, including but not limited to injunctive or other equitable/legal relief, including any appeals associated with the foregoing, ROHN shall be entitled to recover for reasonable attorney's fees, costs of collection and court costs incurred whether the attorney's fees are incurred for the purpose of negotiation, trial, appellate or other legal services.
28. Once the equipment is ready for pickup or has been shipped, an invoice for payment in full shall be issued by ROHN.
29. Orders that are paid by credit card will incur a 3% surcharge processing fee at time of payment.

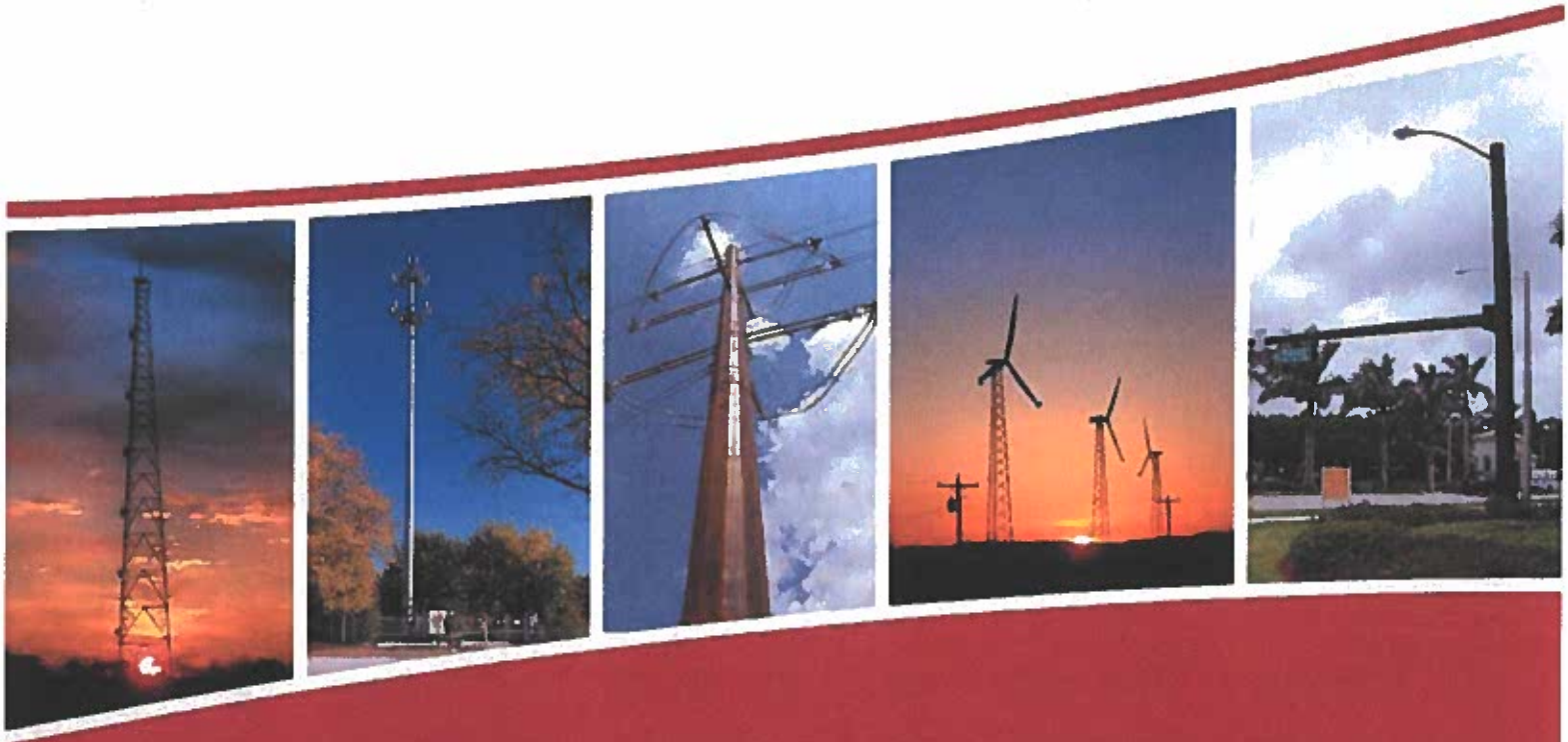
04012025

Quotation Number: Q25-11123

Please Reference this Quotation Number in Future Correspondence

ROHN™
Products LLC

Statement of Qualifications



#1 Fairholm Avenue
Peoria, IL 61603
(800) 727-7646
www.rohnnet.com

broadcast | wireless | sports lighting | utility | wind | transportat

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ROHN™ Products LLC

#1 Fairholm Avenue
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Statement of Qualifications

History

ROHN has been the world leader in tower design and manufacturing for more than six decades. We continue to meet the demands of our customers with innovation in design, continuous process improvement and a drive to employ the talent and knowledge leaders in the industry. ROHN maintains one of the largest manufacturing and staging facilities in the tower industry.

Our products are used in an almost infinite array of structural applications. Below we have identified some of the markets that apply our products in very high volumes. If you have a need for a structural steel support, chances are, we have a product that will work.

Communications
ROHN towers are some of the tallest structures in the world, and we build each tower in accordance with our exacting standards for quality, performance and structural integrity. Our tall towers are helping change the way the world receives and views television signals. ROHN also offers a variety of monopole types to meet your specific communication needs. Our tapered and flanged steel poles feature designs that are aesthetically pleasing and blend well into the environment while requiring minimal space for installation. All of our steel poles are hot-dip galvanized after fabrication to ensure years of corrosion free use.

Wind Energy
ROHN Products has extensive experience in manufacturing meteorological towers in support of wind energy applications. Whatever the requirement, tapered steel poles or self-supporting towers, ROHN has the answer. ROHN provides extensive analysis on wind turbine structures, including the examination of extreme wind, extreme ice, yawing, fatigue, vibration and more. The dynamic nature of a wind turbine requires an additional investment in the analysis of the support structure to ensure the structures perform safely and efficiently.

Sports Lighting
Whatever your application - from little league baseball to a major league sports stadium, ROHN has a steel pole to do the job. Poles are available with the traditional anchor base or for direct embedment. ROHN's engineering staff will select the proper pole based on your specific requirements, considering wind speed, luminaire size, weight and quantity.

Transportation Structures
For years, ROHN has been a reliable manufacturer of high mast lighting poles for state D.O.T. projects, prisons, port authorities and other commercial projects across the country. ROHN is considered the quality leader to state, county and municipal buyers of mast arm structures. ROHN mast arms are in service at intersections as wide as 88'. In applications where a very long span is needed, and a more decorative appearance is desired, some state departments of transportation will specify monotube assemblies for tubular signal structures and sign bridge applications. ROHN also has the capability to manufacture sign structures including: overhead sign trusses, cantilever structures, butterfly structures and DMS sign structures.

Utility
ROHN fabricates transmission, distribution and substation steel - allowing the entire build to be supplied by ROHN. ROHN can accomodate transmission structures for projects ranging from light-duty in-line poles up to the largest diameter of dead-end structures. ROHN provides structures in support of power distribution with pre-engineered steel structures and larger distribution structures that can either be flanged at the base or direct embed. ROHN can supply all cross arms, uprights, H-frames and any steel frame or support to complete a substation. ROHN also fabricates switch steel structures including all static masts, buss supports, arrestor structures and all other steel components making up the switch.

ROHN™ Products LLC

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Facilities

ROHN sits on over 110 acres that is used for both material storage and staging of finished products. We have over 300,000 square feet of covered space used for manufacturing and storage. To minimize production time, we have steel vendors located on-site, keeping raw material flowing quickly into our processes.

ROHN products are hot-dip galvanized in molten zinc at temperatures above 840° at an on-site galvanizing facility. By adjusting dip time, we ensure a minimum of 2 ounces per square foot of zinc bonds to the steel.

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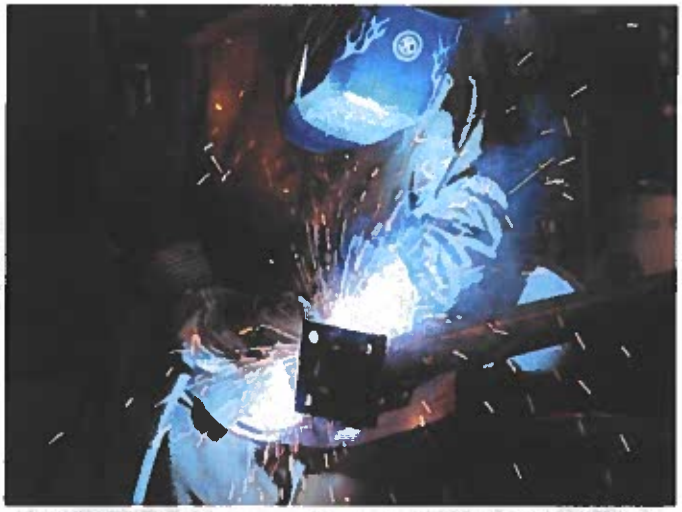
Statement of Qualifications

Manufacturing

ROHN fabricates our towers from the highest quality steel. We maintain mill certification on all raw materials that we receive to verify the material composition of each structural member. With a focus on quality, our fabrication facility has been awarded Certification by the American Institute of Steel Construction, as well as, the Canadian Welding Bureau. We are also authorized fabricators for the City of Los Angeles, CA and Clark County, NV.

Certified welders fabricate our tower and pole steel (AWS/CWB/AISC Certification). The process includes acquiring all Mill Certifications, pre-heating select steel members prior to welding and often includes blast cleaning. ROHN uses a low-hydrogen heating process in order to achieve the best weld penetration.



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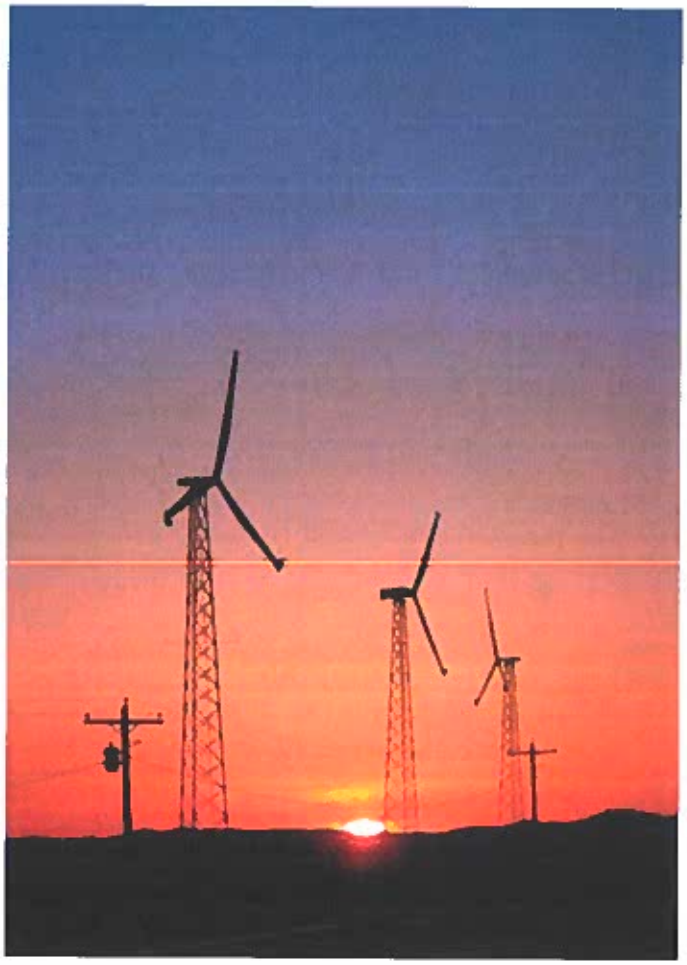
Statement of Qualifications

Engineering

ROHN has extensive experience in the design, fabrication and installation of poles, self-supporting towers and guyed masts. ROHN performs in-house tower and pole design, as well as in-house drafting. We hold Professional Engineering seals in 49 states, as well as the ability to certify international designs. ROHN maintains a strong presence on the EIA code board, ensuring that we are on top of the latest design standards. Professional Drafting staff prepares fabrication and construction drawings in AutoCAD. The final designs can be submitted in both hard copy format and electronically, if desired.

ROHN has designed and built unique structures including poles up to 250 feet, self-supporting towers up to 900 feet and guyed masts up to 2,000 feet. ROHN also designs and installs foundations for these types of structures.



ROHN™ Products LLC

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Quality Control

Quality control is provided by our in-house Quality Control Department. Inbound inspection of all materials prevent mis-fabricated or out-of-spec steel from entering our production process. Routine setup and process check points have been established to provide a continuous quality monitoring program for each phase of production. ROHN also performs one final inspection of steel products, prior to release.

Qualifications:
- SNT Certified in UT & MT Inspectors
- In-house AWS, CWI Inspectors
- In-house SQB, CWI Inspectors
- In-house NDT
- Level II UT & MT
- Retained NDT Level III Support
- Mill Certification Evaluation Process

Production & Shipping

The ROHN design consists of pre-engineered, standard tower parts that are combined to build nearly infinite options of individual tower sections and tower designs. This allows us to maintain a consistent part and kit numbering system that is easy to understand and use when erecting towers.

ROHN has used this standard design concept and process to produce towers and poles that have exceeded 100 loads shipped in one week. In one recent fiscal year, ROHN averaged over 75 loads of towers shipping from our facility per week.

#1 Fairholm Avenue
Peoria, IL 61603
(800) 727-7646
www.rohnnet.com

Contact Information

ROHN Products, LLC

Headquarters
#1 Fairholm Avenue
Peoria, IL 61603
(309) 566-3000

Production Location
6718 W. Plank Road
Peoria, IL 61604

www.rohnnet.com

sales@rohnnet.com

BID FORM

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This Bid is submitted by: ROHN Products, LLC

Bid Form

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

Rochelle Municipal Utilities
420 N. 6th Street
Rochelle, IL 61068

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
1	10/30/2025

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

(b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition.

3. "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels.

4. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 **Proposal No. 1** - Bidder will furnish and deliver the equipment described in the Plans, Specifications, and Construction Drawings for the following price:

Lump Sum Total Bid Price for Proposal No. 1	**$** 2,115,800.00

A. Refer to Appendix 1 – Itemized Proposal used for tabulating unit and total price.

B. Refer to Appendix 2 – Pole Data Summary Table for specifications on each pole.

C. Refer to Appendix 3 – Underbuild Appurtenances Table for underbuild specification on each pole.

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the material will be delivered no later than August 31, 2026, and will be completed and ready for final payment in accordance with Paragraph 14.07B of the General Conditions on or before 30 days after the delivery date of August 31, 2026.

6.02 The time of delivery shall be extended for any reasonable delay due extensively to causes beyond control and without the fault of the Bidder, including but not limited to acts of God, fires, strikes and floods.

6.03 Bidder accepts the provisions of the Agreement as to liquidated damages.

A Limited Liability Company (LLC)

LLC Name:	ROHN Products, LLC
State in which organized:	Illinois
By:	*(Signature – attach evidence of authority to sign)*
Name: *(typed or printed)*	Jeffrey M. Arends
Business Address:	1 Fairholm Avenue Peoria, IL 61603
Phone:	(309) 453-1701
Email:	j.arends@rohntower.com

Non-Collusion Affidavit

The Municipality reserves the right, before any award of contract is made, to require any bidder to whom it may make an award of the Principal Contract, to sign a non-collusion affidavit in the form designated below:

STATE OF Illinois

COUNTY OF Peoria

Jeffrey M. Arends, being first duly sworn, deposes and says that he is Utility Sales Manager * (sole owner, partner, president, secretary, etc.) of the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any bidder to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Signed: Jeffrey M Arends

Title: Utility Sales Manager

Subscribed and sworn to before me this 10th day of November 20 25

Seal of Notary:

OFFICIAL SEAL
TINA M FRANCIS
Notary Public - State of Illinois
Commission No. 972257
My Commission Expires May 25, 2027

Tina M. Francis
Notary Public

* In making out this form, the title that is not applicable should be struck out. For example, if the Contractor is a corporation and this form is to be executed by its president, the words "Sole Owner, a partner, secretary", etc. should be struck out.

2.06 SIGNATURES

Firm Name:	ROHN Products, LLC
Federal Taxpayer Identification Number:	26-2698400
By:	Jeffrey M. Arndt
Title:	Utility Sales Manager
By:	
Title:	

Note: If the Bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if the Bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if the Bidder is an individual, his signature shall be placed above. If signature is by an agent, other than an officer of a corporation or member of a partnership, the power of attorney must be submitted with the bid.

PART 3 – EXECUTION *NOT USED*

3. Under penalty of perjury, the Bidder certifies that the Federal Taxpayer Identification Number noted below is correct and the Bidder is doing business as a (please check one):

___ Individual	___ Real Estate Agent
___ Partnership	___ Government Entity
X Corporation	___ Trust or Estate

4. Bidder, if an individual, is not in default on an educational loan.

2.05 REFERENCES

A. Bidder shall submit a minimum of three (3) written letters of recommendation with references' signatures and contact information to the Engineer.

B. These References shall be from the Owner, Project Manager, or other individual who is knowledgeable on the project, or recent previous Projects with very similar Scope of Work completed under the current Bidder's name.

C. Bidder shall submit a minimum of three (3) company brochures, or company information sheets, along with list of completed equivalent projects.

1 Fairhorn Ave
Peoria IL 61603 USA
Phone 309-566-3000
FAX 309-566-3079
Toll Free 800-727-ROHN

References	Product lines
Shaun Pierce Tarheel Electric Municipal District Strategic Sourcing Manager shaun.pierce@ncemcs.com	Pre-Engineered and Tapered Tubular Structures
Luke McKinney PE Hoosier Energy Engineer (812) 929-9867 LMckinney@hepn.com	Pre-Engineered and Tapered Tubular Structures
Jeremy Johnson PE Prairie Power Electric Cooperative Transmission & Substation Engineer (217) 245-6161 jjohnson@ppi.coop	Transmission (Tapered Tubular Structures)
Mike Chalfan South Central P{ower Transmission Engineer (740) 689-6168 Chalfan@southcentralpower.com	Transmission Structures
Jason Repke PE Alpena Power Company Engineering Director (989) 884-3837 jr@alpenapower.com	Transmission Structures
Randy G. Venhaus PE Ameren Services Project Engineer (314) 554-3695 Rvenhaus@ameren.com	Substation Steel (Tapered Tubular & Std. Shapes)

1 Fairholm Ave
Peoria, IL 61603 USA
Phone 309-566-3000
FAX 309-566-3079
Toll Free 800-727-ROHN

References	Product lines
Shaun Pierce Tarheel Electric Municipal District Strategic Sourcing Manager shaun.pierce@ncemcs.com	Pre-Engineered and Tapered Tubular Structures
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AMERICAN INSTITUTE OF STEEL CONSTRUCTION

CERTIFICATION PROGRAMS

PROUDLY RECOGNIZE THAT

Rohn Products LLC Plank Road Facilities

2018-8-31-3165F

MAINTAINS OPERATIONS LOCATED AT

6800 Plank Road
Peoria, IL 61604

THAT SUCCESSFULLY MEET THE QUALITY CERTIFICATION REQUIREMENTS FOR

Building Fabricator

CERTIFICATION NUMBER C-00025738

ISSUED November 19, 2024

VALID THROUGH January 31, 2026

PRESIDENT

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

CERTIFICATION PROGRAMS

PROUDLY RECOGNIZE THAT

Rohn Products, L.L.C.

2018-8-31-3166F

MAINTAINS OPERATIONS LOCATED AT

#1 Fairholm Ave
Peoria, IL 61603 USA

THAT SUCCESSFULLY MEET THE QUALITY CERTIFICATION REQUIREMENTS FOR

Building Fabricator

CERTIFICATION NUMBER	C-00025740
ISSUED	November 19, 2024
VALID THROUGH	January 31, 2026

PRESIDENT

American Welding Society

Certifies that

Rohn Products LLC – Plank Road Facilities

6800 West Plank Road
Peoria, Il 61604

Fabricator's welding program was audited to AWS B5.17 Specification for the Qualification of Welding Fabricators, AWS QC17 Specification for AWS Accreditation of Certified Welding Fabricators, D1.1 - Structural Welding Code-Steel, and D1.3 - Structural Welding Code-Sheet Steel excluding weldment design

has complied with the requirements of the AWS B5.17 and QC17 Standards for the Qualification and Certification of AWS Welding Fabricators.

240107F
Certificate Number

January 1, 2026
Expiration Date

Michael Gyrnicki
AWS President

Robert Dinos
Chair, Qualification and Certification Committee

AWS CWF CERTIFIED WELDING FABRICATOR

American Welding Society

Certifies that

Rohn Products, L.L.C.

1 Fairholm Avenue
Peoria, IL 61603 USA

Fabricator's welding program was audited to AWS B5.17 Specification for the Qualification of Welding Fabricators, AWS QC17 Specification for AWS Accreditation of Certified Welding Fabricators, D1.1 - Structural Welding Code-Steel, and D1.3 - Structural Welding Code-Sheet Steel excluding weldment design

has complied with the requirements of the AWS B5.17 and QC17 Standards for the Qualification and Certification of AWS Welding Fabricators.

240106F
Certificate Number

January 1, 2026
Expiration Date

AWS President

Chair, Qualification and
Certification Committee

AWS CWF
CERTIFIED WELDING FABRICATOR

PENAL SUM FORM

BID BOND

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address):
Rohn Products, LLC
PO Box 5999
Peoria, IL 61601

SURETY (Name and Address of Principal Place of Business):
Amerisure Mutual Insurance Company
26777 Halsted Road
Farmington Hills, MI 48331

OWNER (Name and Address): **City of Rochelle**
420 N. 6th Street
Rochelle, IL 61068

BID
Bid Due Date: November 13, 2025
Project: Ritchie to Centerpoint 34.5kV Line - Steel Pole Procurement

BOND
Bond Number: 11132025
Date (Not later than Bid due date): 11/10/2025

Penal sum: Five Percent of the Amount Bid (Words) — 5% (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER	SURETY
Rohn Products, LLC — Seal	Amerisure Mutual Insurance Company — Seal
Bidder's Name and Corporate Seal	Surety's Name and Corporate Seal
By: [signature], Utility Sales Mgr	By: [signature]
Signature and Title	Signature and Title (Attach Power of Attorney)
	Timothy Foley, Attorney-In-Fact
Attest: [signature] - Project Manager	Attest: [signature]
Signature and Title	Signature and Title
	Account Manager

Note: Above addresses are to be used for giving required notice.

PENAL SUM FORM

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Surety's liability.

2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation shall be null and void if:

   3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents,

   3.2. All Bids are rejected by Owner

   3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

AMERISURE SURETY

AMERISURE MUTUAL INSURANCE COMPANY
AMERISURE INSURANCE COMPANY
AMERISURE PARTNERS INSURANCE COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company are corporations duly organized under the laws of the State of Michigan (herein collectively the "Companies"), and that the Companies do hereby make, constitute and appoint:

LUKAS SCHRODER, KURT FELLER, ROBERT KOLLSMITH,

JASON SMITH, JAMES SMITH, DORA B. STEVENS, DEBORAH KLING, TIMOTHY FOLEY

MASON STICKNEY, LAURI MENEOUGH, CHRISTY RITCHIE AND CINDY BLAND

of TrueNorth Companies, LC, its true and lawful Attorney(s)-in Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge, for and on its behalf and as its act and deed, bonds or others writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts or suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

ONE HUNDRED MILLION ($100,000,000.00) DOLLARS

This Power of Attorney is granted and signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company at meetings duly called and held on February 17, 2022.

"**RESOLVED**, that any two of the President & Chief Executive Officer, the Chief Financial Officer & Treasurer, the Senior Vice President Surety, the Vice President Surety, or the General Counsel & Corporate Secretary be, and each or any of them hereby is authorized to execute, a Power of Attorney qualifying the attorney-in-fact named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that President & Chief Executive Officer, Chief Financial Officer & Treasurer or General Counsel & Corporate Secretary each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company;

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to anycertificate relating thereto electronically/digitally or by facsimile, and any such Power of Attorney or certificate bearing such electronic/digital or facsimile signatures or electronic/digital or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached;

FURTHER RESOLVED, that any work carried out by the attorney-in-fact pursuant to this resolution shall be valid and binding upon the Company."

By: _____
Michael A. Ito, Senior Vice President Surety

By: _____
Aaron Green, Vice President Surety

IN WITNESS WHEREOF, Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 7th day of November, 2025.

Amerisure Mutual Insurance Company
Amerisure Insurance Company
Amerisure Partners Insurance Company

State of Michigan
County of Oakland

On this 7th day of November, 2025, before me, a Notary Public personally appeared Michael A. Ito, of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company and Aaron Green of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.

KAY L. AIRTON
My Commission Expires
August 18, 2031
County of Livingston
Acting in the County of OAKLAND

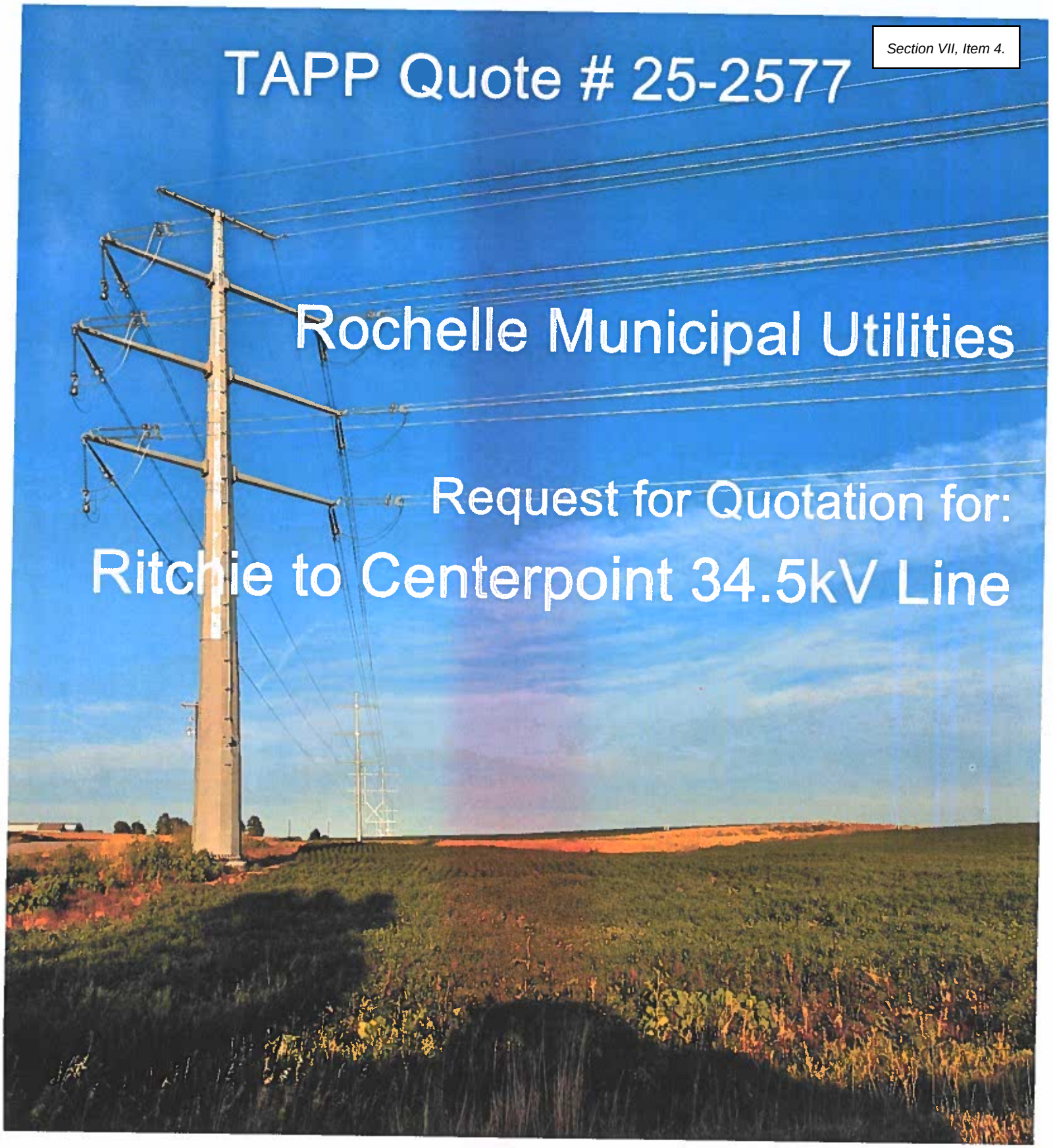
Kay Airton, Notary Public

I, Christopher M. Spaude, the duly elected Chief Financial Officer & Treasurer of Amerisure Mutual Insurance Company, Amerisure Insurance Company and Amerisure Partners Insurance Company, do hereby certify and attest that the above and foregoing is a true and correct copy of a Power of Attorney executed by said Companies, which remains in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 10th day of November 2025.

Christopher M. Spaude, Chief Financial Officer & Treasurer

TAPP Quote # 25-2577



Rochelle Municipal Utilities

Request for Quotation for:

Ritchie to Centerpoint 34.5kV Line

TAPP

QUALITY STEEL POLES. DELIVERED.

TransAmerican Power Products, Inc

25700 Interstate 45 N, Suite 315, Spring, TX 77386

Phone: 281-444-8277 Fax: 281-444-7270

sales@tappinc.com www.tappinc.com

BHMG

ROCHELLE MUNICIPAL UTILITIES

RITCHIE TO CENTERPOINT 34.5KV LINE

STEEL POLE PROCUREMENT

2200 K001

October 17, 2025

RMU Rochelle MUNICIPAL UTILITIES
The City of Rochelle's locally-owned Utility

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DIVISION 1 – GENERAL REQUIREMENTS

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SPECIFICATION DOCUMENTS

Appendix 1 Itemized Proposal
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SPECIFICATIONS

General Specifications & Requirements
RUS Bulletin 1724E-204
RUS Bulletin 1724E-214

DRAWINGS

2200-TBP-69G-STL	Alternating Braced Post Tangent
2200-TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle
2200-TBP-69GB-ENG-DDA	Vertical Braced Post Tangent/Light Angle on Drilled Pier W/ Double Davit Arms
2200-TS-4G-ENG	I-String Running Angle on Drilled Pier
2200-TS-4G-1-MOD-ENG	Modified I-String Running Angle on Drilled Pier
2200-TS-69DE-UG-ENG	In-Line Deadend on Drilled Pier W/ 34.5kV Termination
2200-TS-RISER-STL	In-Line Deadend on Arms W/ 34.5kV Termination
2200-TS-5G-ENG	Corner Deadend on Drilled Pier
2200-TS-5GA-ENG	Large Angle Deadend on Drilled Pier
2200-TS-5GG-MOD-ENG	3-Way Deadend Tap W/ Modified Spacing on Drilled Pier
2200-TM-3V-VERT-STL	Vertical 69kV Switch
2200-DETAILS	Steel Details

SUPPLEMENTAL DRAWINGS

B2901054B11074AX	MacLean Braced Post Insulator Assembly
S14080038MXSS019	MacLean Transmission Suspension Insulator Assembly
H29C10031MXSS016	MacLean Line Post Insulator Assembly
P250043S1020	Hubble Quadri-Sil Line Post Series 250
1GL069203SN	SEECO 69kV One-Way Switch W/ SUMO Operator
TB----144SPX-	PUPI Tangent Assembly – 12FT
DA4000144E4SPX-	PUPI 4000 Deadend Assembly – 12FT

Seals and Signatures

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed professional under the laws of the State of Illinois.

Reid Aebischer

Signature

10/17/2025
Date

Discipline: Engineer, Illinois License #: 062.076713
License Expires: 11/30/2025

INVITATION FOR BIDS

Rochelle Municipal Utilities, Ogle County, Illinois will receive sealed bids for:

Ritchie to Centerpoint 34.5kV Line
Steel Pole Procurement

until 2:00 p.m. local time on November 6, 2025, at the City of Rochelle, 420 N. 6th Street, Rochelle, IL 61068.

The plans and specifications are on file with the said City of Rochelle for viewing purposes only.

Copies of the documents may be acquired from BHMG Engineers, Inc., 9735 Landmark Parkway Suite 110A, St. Louis, Missouri 63127, Consulting Engineers for the said Board. Please email Amy Wooldridge, AWooldridge@bhmg.com with request.

Bids shall be received for the aforementioned items.

A certified check or bank draft on a responsible, solvent bank, or a satisfactory bid bond executed by the bidder and an acceptable surety company, payable to the City of Rochelle, John Bearrows, Mayor or Government Bonds or cash in the amount of not less than five percent (5%) of bid, shall be submitted with each bid.

The bid shall be marked to identify bid package contents, reference specification 2200 K001.

The successful bidder will be required to:

- Register as a bidder for this project.
- Furnish **in duplicate** the following executed documents:
  - Non-Collusion Affidavit
  - Bid Form
  - Bid Bond, Certified Check or Money Order
  - And any other documents as required by the specifications.

No bid shall be withdrawn after the opening of bids without the consent of the Utility for a period of sixty (60) days after the scheduled time of closing bids.

The said City of Rochelle reserves the right to reject any or all bids and to waive any informalities in bidding, and to determine and accept the bid most advantageous to the Utility.

Date: October 17, 2025

City of Rochelle, Illinois
John Bearrows, Mayor

Instructions to Bidders

ARTICLE 1 - DEFINED TERMS

1.01 Terms used in these Instructions to Bidders will have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below.

A. *Issuing Office* – The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered.

ARTICLE 2 - BIDS RECEIVED

2.01 Refer to Article 14 of this section for information on receipt of Bids.

ARTICLE 3 - COPIES OF BIDDING DOCUMENTS

3.01 Complete sets of the Bidding Documents in the number and for the deposit sum, if any, stated in the advertisement or invitation to bid may be obtained from the Issuing Office.

3.02 Complete sets of the Bidding Documents shall be used in preparing Bids; neither Buyer nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

3.03 Buyer and Engineer have made copies of Bidding Documents available on the above terms only for the purpose of obtaining Bids for furnishing Goods and Special Services and do not authorize or confer a license for any other use.

ARTICLE 4 - QUALIFICATIONS OF BIDDERS

4.01 To demonstrate Bidder's qualifications to furnish Goods and Special Services, within five days of Buyer's request Bidder shall submit written evidence, such as financial data and previous experience.

4.02 Bidder is advised to carefully review those portions of the Bid Form requiring Bidder's representations and certifications.

ARTICLE 5 - EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND POINT OF DESTINATION

5.01 Upon request, the Buyer will provide Bidder access to the Point of Destination and the site where Goods are to be installed, or Special Services are to be provided so that Bidder may conduct such investigations, examinations, tests, and studies as Bidder deems necessary for submission of a Bid.

5.02 It is the responsibility of each Bidder before submitting a Bid to:

A. Examine and carefully study the Bidding Documents, including any Addenda, and the related data identified in the Bidding Documents.

B. Visit the Point of Destination and the site where the Goods are to be installed and Special Services are to be provided to become familiar with the local conditions if required by the Bidding Documents to do so, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Become familiar with and satisfy itself as to all Laws and Regulations that may affect cost, progress, or the furnishing of the Goods and Special Services

D. Carefully study, consider, and correlate the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods are to be installed or Special Services are to be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Contract Documents.

E. Promptly give Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing Goods and Special Services.

5.03 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 5, that without exception the Bid is premised upon furnishing Goods and Special Services required by the Bidding Documents, that Bidder has given Engineer written notice of all conflicts, errors, ambiguities and discrepancies that Bidder has discovered in the Bidding Documents and the written resolutions (if any) thereof by Engineer are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing Goods and Special Services.

ARTICLE 6 - PRE-BID CONFERENCE *Not Used*

ARTICLE 7 - INTERPRETATIONS AND ADDENDA

7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer in writing. Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by Engineer as having received the Bidding Documents. Questions received less than ten days prior to the date for opening of Bids will not be answered. Only answers in the Addenda will be binding. Oral statements, interpretations, and clarifications may not be relied upon and will not be binding or legally effective.

7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Buyer or Engineer.

ARTICLE 8 - BID SECURITY *Not Used*

ARTICLE 9 - CONTRACT TIMES *Not Used*

ARTICLE 10 - LIQUIDATED DAMAGES

10.01 Any provisions for liquidated damages, such as those for *Seller's* failure to attain a Milestone, or to deliver the Goods *or furnish Special Services within the Contract Times*, are set forth in the Agreement.

ARTICLE 11 - "OR-EQUAL" ITEMS

11.01 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents, including the Addenda. Bidders may propose "or equal" materials and equipment, which if approved by Engineer will be identified by Addendum. The materials and equipment described in the Bidding Documents establish a standard of required type, function, and quality to be met by any proposed "or-equal" item. No item of material or equipment will be considered by Engineer as an "or-equal" unless written request for approval has been submitted by Bidder and has

been received by Engineer at least 15 days prior to the date for receipt of Bids. Each such request shall conform to the requirements of Paragraph 5.04 of the General Conditions. The burden of proof of the merit of the proposed item is upon Bidder. Engineer's decision of approval or disapproval of a proposed item will be final. Bidders shall not rely upon approvals unless set forth in an Addendum.

ARTICLE 12 - PREPARATION OF BID

12.01 The Bid Form is included with the Bidding Documents. Additional copies of Bidding Documents may be obtained from the Issuing Office.

12.02 All blanks on the Bid Form shall be completed in ink and the Bid Form signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid price shall be indicated for each item listed therein. In the case of optional alternates, the words "No Bid," "No Change," or "Not Applicable" may be entered.

12.03 A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown.

12.04 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be shown.

12.05 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm shall be shown.

12.06 A Bid by an individual shall show the Bidder's name and official address.

12.07 A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid Form. The official address of the joint venture shall be shown.

12.08 All names must be typed or printed in ink below the signature.

12.09 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form.

12.10 Each Bidder shall list the postal address, e-mail address, and telephone number for communications regarding the Bid.

ARTICLE 13 - BASIS OF BID; COMPARISON OF BIDS

13.01 Lump Sum

A. Bidder shall submit a Bid on a lump sum basis as set forth in the Bid Form.

B. For determination of the apparent low Bidder, Bids will be compared on the basis of the lump sum.

ARTICLE 14 - SUBMITTAL OF BID

14.01 The Bid Form is to be completed and submitted with the following documents:

A. Non-Collusion Affidavit.

B. Bidder Qualifications.

C. List of Proposed Suppliers.

D. List of References.

14.02 Bid shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement or invitation to bid and shall be enclosed in a plainly marked envelope with the Project title (and, if applicable, the designated portion of the Project for which the Bid is submitted) and the name and address of Bidder and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate package plainly marked on the outside with the notation "BID ENCLOSED". A mailed Bid shall be addressed to:

City of Rochelle
420 N. 6th Street
Rochelle, IL 61068
2200 K001

ARTICLE 15 - MODIFICATION OR WITHDRAWAL OF BID

15.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids.

15.02 If, within 24 hours after Bids are opened, any Bidder files a duly signed written notice with Buyer and promptly thereafter demonstrates to the reasonable satisfaction of Buyer that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Goods and Special Services are rebid, that Bidder will be disqualified from further bidding on the Goods and Special Services.

ARTICLE 16 - OPENING OF BIDS

16.01 Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the Base Bids and Alternate Bids, if any, will be made available to Bidders after the opening of Bids.

ARTICLE 17 - BIDS TO REMAIN SUBJECT TO ACCEPTANCE

17.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but Buyer may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 18 - EVALUATION OF BIDS AND AWARD OF CONTRACT

18.01 Buyer reserves the right to reject any and all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Buyer further reserves the right to reject the Bid of any Bidder that Buyer finds, after reasonable inquiry and evaluation, to be nonresponsive. Buyer may also reject the Bid of any Bidder if Buyer believes that it would not be in the best interest of the Project to make an award to that Bidder. Buyer also reserves the right to waive all informalities not involving price, time, or changes in the Goods and Special Services, and to negotiate contract terms with the Successful Bidder.

18.02 More than one Bid for the same Goods and Special Services from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Goods and Special Services shall be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.

18.03 In evaluating Bids, Buyer will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data as may by requested in the Bid Form or may be requested from Bidders prior to a Notice of Award.

18.04 Buyer may conduct such investigations as Buyer deems necessary to establish the responsibility, qualifications, and financial ability of Bidder.

18.05 If the contract is to be awarded, Buyer will award the Contract to the Bidder whose Bid is in the best interest of the Project.

ARTICLE 19 - CONTRACT SECURITY AND INSURANCE

19.01 Article 4 of the General Conditions and Article 4 of the Supplementary Conditions set forth Buyer's requirements as to performance and payment bonds and insurance. When the Successful Bidder delivers the executed Agreement to Buyer, it must be accompanied by such bonds.

ARTICLE 20 - SIGNING OF AGREEMENT

20.01 When Buyer issues a Notice of Award to the Successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents that are to be identified in the Agreement and attached thereto. Within 15 days thereafter, Successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to Buyer. Within 10 days thereafter, Buyer shall deliver one fully signed counterpart to Successful Bidder with a complete set of Drawings with appropriate identification.

ARTICLE 21 - SALES AND USE TAXES

21.01 Owner is exempt from Illinois State sales and use taxes on materials and equipment to be incorporated in the Work, Exemption No. E99941376. Said taxes shall not be included in the Bid.

ARTICLE 22 - RETAINAGE

22.01 Provisions concerning Seller's rights to deposit securities in lieu of retainage are set forth in the Agreement.

ARTICLE 23 - CONTRACT TO BE ASSIGNED *Not Used*

Non-Collusion Affidavit

The Municipality reserves the right, before any award of contract is made, to require any bidder to whom it may make an award of the Principal Contract, to sign a non-collusion affidavit in the form designated below:

STATE OF Texas

COUNTY OF Spring

I Igor Lubisco , being first duly sworn, deposes and says that he is VP of Strategy and Execution * (sole owner, partner, president, secretary, etc.) of the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any bidder to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Signed: _____

Title: Igor Lubisco | VP of Strategy and Execution

Subscribed and sworn to before me this _____ day of _____ 20 ____

Seal of Notary:

_____
Notary Public

* In making out this form, the title that is not applicable should be struck out. For example, if the Contractor is a corporation and this form is to be executed by its president, the words "Sole Owner, a partner, secretary", etc. should be struck out.

BID FORM

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This Bid is submitted by: Igor Lubisco | VP of Strategy and Execution

Bid Form

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

Rochelle Municipal Utilities
420 N. 6th Street
Rochelle, IL 61068

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
1	October 30, 2025

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

C. Bidder has not solicited or induced any individual or entity to refrain from bidding.

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.

2. "Fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer,

(b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition.

3. "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels.

4. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 **Proposal No. 1 -** Bidder will furnish and deliver the equipment described in the Plans, Specifications, and Construction Drawings for the following price:

Lump Sum Total Bid Price for Proposal No. 1	**$** 1,475,246.00

A. Refer to Appendix 1 – Itemized Proposal used for tabulating unit and total price.

B. Refer to Appendix 2 – Pole Data Summary Table for specifications on each pole.

C. Refer to Appendix 3 – Underbuild Appurtenances Table for underbuild specification on each pole.

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the material will be delivered no later than August 31, 2026, and will be completed and ready for final payment in accordance with Paragraph 14.07B of the General Conditions on or before 30 days after the delivery date of August 31, 2026. TAPP will not be able to meet these lead times. Please refer to the TAPP Customer Report for additional information.

6.02 The time of delivery shall be extended for any reasonable delay due extensively to causes beyond control and without the fault of the Bidder, including but not limited to acts of God, fires, strikes and floods.

6.03 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid:

A. List of Proposed Major Suppliers.

B. Itemized Proposal.

C. Affidavit of Non-Collusion.

D. List of Project References.

E. Bidder's Qualifications.

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders and the General Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

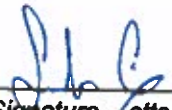
If Bidder is:

A Corporation

Corporation Name: TransAmerican Power Products, Inc.

State of Incorporation: Texas

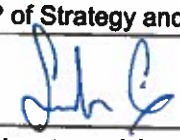
Type: Corporation
(General Business, Professional, Service, Other)

By: 
(Signature – attach evidence of authority to sign)

Name: *(typed or printed)* Igor Lubisco

Title: VP of Strategy and Execution

(Corporate Seal)

Attest: 
(Signature of Corporate Secretary)

Business Address: 25700 Interstate 45 N, Suite 315, Spring, Texas 77386

Phone: 281-444-8277

Email Address: tapprfq@tappinc.com

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____

(Signature – attach evidence of authority to sign)

Name: *(typed or printed)* _____

Business Address: _____

_____

Phone: _____

Email: _____

SECTION 00420

Qualifications

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Appointment of Counsel.

B. Pre-qualifications.

C. Bidder's Qualifications.

D. Certifications.

E. References.

F. Signatures.

1.02 AWARD OF BID

A. Failure of Bidder to meet all qualification criteria as stated in these Specifications shall disqualify Bidder from consideration for the Project.

B. The Owner reserves the right to exclude Bidder from consideration due to the Bidder's failure to present with written documentation his experience and capability to complete the project to the Owner's expectations.

PART 2 – QUALIFICATIONS

2.01 APPOINTMENT OF COUNSEL – NON-RESIDENT

A. Bidder has appointed Robert Kruckemeyer, whose address is 244 Malone Street Houston TX 77007, as the agent of Bidder for service of process in the event any litigation or controversy results between the Bidder and Owner arising out of the contractual relationship created by the acceptance of this Bid. Bidder agrees that the courts of the State in which the project is located will have jurisdiction over Bidder for all such purposes to the same extent as though Bidder were a resident of the State.

2.02 PRE-QUALIFICATION

A. Failure of Bidder to meet the Pre-qualification requirements as stated in the Instruction to Bidders Bid shall disqualify Bidder from consideration for the Project.

2.03 BIDDER'S QUALIFICATIONS

A. Bidder shall prove to the Owner's satisfaction Bidder's experience in completing similar projects, thus demonstrating the ability of the Bidder to complete the Project to the Owner's Satisfaction.

B. Bidder shall submit written proof and abide by the written proof that the Bidder will complete a minimum of (30) thirty percent of the overall project by his own company and workers.

C. Bidder shall submit documentation proving that the Bidder is capable of funding the Project and is not in financial hardship.

D. Bidder shall submit documentation proving that the Bidder uses only qualified, licensed workers experienced in the line of work.

E. Bidder's subcontractors shall be the responsibility of the Bidder and shall be considered part of the Bidder's company and shall meet qualification requirements for all aspects of the Project.

2.04 CERTIFICATIONS

A. The Bidder certifies the following as required by law:

1. Bidder has not been convicted of bribery or attempting to bribe an officer or employee of the State, nor has the Bidder made an admission of guilt of such conduct which is a matter of record, nor has an official, agent or employee of the Bidder been so convicted or made such admission of bribery on its behalf and pursuant to the direction or authorization of a responsible official thereof.

2. Bidder is not barred from bidding with any unit of state or local government as a result of unlawful bid rigging.

3. Under penalty of perjury, the Bidder certifies that the Federal Taxpayer Identification Number noted below is correct and the Bidder is doing business as a (please check one):

___ Individual	___ Real Estate Agent
___ Partnership	___ Government Entity
_X_ Corporation	___ Trust or Estate

4. Bidder, if an individual, is not in default on an educational loan.

2.05 REFERENCES

A. Bidder shall submit a minimum of three (3) written letters of recommendation with references' signatures and contact information to the Engineer.

B. These References shall be from the Owner, Project Manager, or other individual who is knowledgeable on the project, or recent previous Projects with very similar Scope of Work completed under the current Bidder's name.

C. Bidder shall submit a minimum of three (3) company brochures, or company information sheets, along with list of completed equivalent projects.

2.06 SIGNATURES

Firm Name:	TransAmerican Power Products, Inc.
Federal Taxpayer Identification Number:	76-0289068
By:	Igor Lubisco
Title:	VP of Strategy and Execution
By:	Maria Gomez
Title:	Contract Administrator

Note: If the Bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if the Bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if the Bidder is an individual, his signature shall be placed above. If signature is by an agent, other than an officer of a corporation or member of a partnership, the power of attorney must be submitted with the bid.

PART 3 – EXECUTION *NOT USED*

PENAL SUM FORM

BID BOND

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address): Transamerican Power Products, Inc.
25700 I-45 N, Suite 315
Spring, TX 77386

SURETY (Name and Address of Principal Place of Business): Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

Claims Address: Travelers Bond, Attn: Claims
1500 Market Street, W. Tower, Suite 2900
Philadelphia, PA 19102

OWNER (Name and Address): **City of Rochelle**
420 N. 6th Street
Rochelle, IL 61068

BID
Bid Due Date: November 13, 2025
Project: Ritchie to Centerpoint 34.5kV Line - Steel Pole Procurement

BOND
Bond Number: N/A - Bid Bond
Date (Not later than Bid due date): November 13, 2025

Penal sum: Five Percent of the Greatest Amount Bid (Words) — $5% G.A.B. (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

Transamerican Power Products, Inc. Seal
Bidder's Name and Corporate Seal

By: _____
Signature and Title

Attest: _____
Signature and Title

SURETY

Travelers Casualty and Surety Company of America Seal
Surety's Name and Corporate Seal

By: _____
Signature and Title David T. Miclette, Attorney-in-Fact
(Attach Power of Attorney)

Attest: _____
Signature and Title Sandra Villegas, Witness

Note: Above addresses are to be used for giving required notice.

PENAL SUM FORM

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Surety's liability.

2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation shall be null and void if:

   3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

   3.2. All Bids are rejected by Owner

   3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **DAVID T MICLETTE** of **HOUSTON**, **Texas**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, **2021**.

State of Connecticut

City of Hartford ss

By _____
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, **2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, **2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **13th** day of **November**, **2025**

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

Agreement

THIS AGREEMENT is by and between
Rochelle Municipal Utilities
420 N. 6th Street, Rochelle, IL 61068 ("Buyer") and

TransAmerican Power Products, Inc. ("Seller")

Buyer and Seller hereby agree as follows:

ARTICLE 1 – GOODS AND SPECIAL SERVICES

1.01 Seller shall furnish the Goods and Special Services as specified or indicated in the Contract Documents.

ARTICLE 2 – THE PROJECT

2.01 The Project, of which the Goods and Special Services may be the whole or only a part, is identified as follows: Steel Pole Procurement.

ARTICLE 3 – ENGINEER

3.01 The Contract Documents for the Goods and Special Services have been prepared by BHMG Engineers, Inc. ("Engineer"), which is to act as Buyer's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with Seller's furnishing of Goods and Special Services.

ARTICLE 4 – POINT OF DESTINATION

4.01 The Point of Destination is 1015 S Caron Road, Rochelle, IL 61068.

ARTICLE 5 – CONTRACT TIMES

5.01 *Time of the Essence*

A. All time limits for Milestones, if any, including the submittal of Shop Drawings and Samples, the delivery of Goods, and the furnishing of Special Services as stated in the Contract Documents, are of the essence of the Contract.

5.02 *Milestones*

A. Days for Submittal of Shop Drawings and Samples: Seller shall submit all Shop Drawings and Samples required by the Contract Documents to Buyer

for Engineer's review and approval within 8 weeks after the date when the Contract Times commence to run as provided in Paragraph 2.04 of the General Conditions. It is the intent of the parties that (1) Engineer conduct such review and issue its approval, or a denial accompanied by substantive comments regarding information needed to gain approval, within 14 days of Seller's submittal of such Shop Drawings and Samples; and (2) resubmittals be limited whenever possible. If more than one resubmittal is necessary for reasons not the fault and beyond the control of Seller, then Seller shall be entitled to seek appropriate relief under Paragraph 7.02.B of the General Conditions.

B. *Days to Achieve Delivery of Goods:* The Goods are to be delivered to the Point of Destination and ready for Buyer's receipt of delivery no later than August 31, 2026.

5.03 *Buyer's Final Inspection*

A. Days to Achieve Final Inspection: Buyer shall make its final inspection of the Goods pursuant to Paragraph 8.01.C of the General Conditions within 10 days after Buyer's acknowledgement of receipt of delivery of the Goods and Seller's completion of furnishing Special Services, if any.

5.04 *Liquidated Damages*

A. See Supplementary Conditions for Details.

ARTICLE 6 – CONTRACT PRICE

6.01 Buyer shall pay Seller for furnishing the Goods and Special Services in accordance with the Contract Documents as follows:

A. A Lump Sum of

$ 1,475,246.00.

ARTICLE 7 – PAYMENT PROCEDURES

7.01 *Submittal and Processing of Payment*

A. Seller shall submit Applications for Payment in accordance with Article 10 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

7.02 *Progress Payments; Retainage*

A. Buyer shall make progress payments on account of the Contract Price on the basis of Seller's Applications for Payment as follows:

1. Upon receipt of the first Application for Payment submitted in accordance with Paragraph 10.01.A.1 of the General Conditions and accompanied by Engineer's recommendation of payment in accordance with Paragraph 10.02.A of the General Conditions, an amount equal to 10% of the Contract Price, less such amounts as Engineer may determine in accordance with Paragraph 10.02.A.3 of the General Conditions.

2. Upon receipt of the second such Application for Payment accompanied by Engineer's recommendation of payment in accordance with Paragraph 10.01.A.2 of the General Conditions, an amount sufficient to increase total payments to Seller to 90% of the Contract Price, less such amounts as Engineer may determine in accordance with Paragraph 10.02.A.3 of the General Conditions.

7.03 *Final Payment*

A. Upon receipt of the final Application for Payment accompanied by Engineer's recommendation of payment, Buyer shall pay Seller the amount recommended by Engineer, less any sum Buyer is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages.

ARTICLE 8 – INTEREST

8.01 All monies not paid when due as provided in Article 10 of the General Conditions shall bear interest at the statutory rate.

ARTICLE 9 – SELLER'S REPRESENTATIONS

9.01 In order to induce Buyer to enter into this Agreement, Seller makes the following representations:

A. Seller has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents, as applicable to Seller's obligations identified in Article 1 above.

B. If required by the Bidding Documents to visit the Point of Destination and site where the Goods are to be installed or Special Services will be provided, or if, in Seller's judgment, any local condition may affect cost, progress or the furnishing of the Goods and Special Services, Seller has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is

satisfied as to the observable local conditions that may affect cost, progress and the furnishing of the Goods and Special Services.

C. Seller is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and the furnishing of the Goods and Special Services.

D. Seller has carefully studied, considered, and correlated the information known to Seller; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Seller's visits, if any, to the Point of Destination and site where the Goods are to be installed or Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Contract Documents.

E. Seller has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Seller has discovered in the Contract Documents, and the written resolution (if any) thereof by Engineer is acceptable to Seller.

F. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing Goods and Special Services.

ARTICLE 10 – CONTRACT DOCUMENTS

10.01 *Contents*

A. The Contract Documents consist of the following:

1. This Agreement
2. General Conditions
3. Bid Bond
4. Appendix 1 – Itemized Proposal
5. Appendix 2 – Pole Data Summary Table
6. Appendix 3 – Underbuild Appurtenances Table

7. Drawings, consisting of a cover sheet and sheets, with each sheet bearing the following general title: TBD

8. Addenda (Numbers 1 to 1, inclusive)

9. Specifications as listed in table of contents of the Project Manual

10. Exhibits to this Agreement (enumerated as follows):

    a. Seller's Bid, solely as to the prices set forth therein

    b. Documentation submitted by Seller prior to Notice of Award

11. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:

    a. Notice to Proceed

    b. Change Order(s)

    c. Work Change Directive(s).

B. The documents listed in Paragraph 10.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 10.

D. The Contract Documents may only be amended or supplemented as provided in Paragraph 3.04 of the General Conditions.

ARTICLE 11 – MISCELLANEOUS

11.01 *Terms*

A. Terms used in this Agreement will have the meanings indicated in the General Conditions and the Supplementary Conditions.

11.02 *Assignment of Contract*

A. No other assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound. Specifically, but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by Laws and Regulations). Unless specifically stated to the contrary in any written consent to such an assignment, such

an assignment will not release or discharge the assignor from any duty or responsibility under the Contract Documents.

11.03 *Successors and Assigns*

A. Buyer and Seller each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

11.04 *Severability*

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Buyer and Seller. The Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

11.05 *Seller's Certifications*

A. Seller certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 11.05:

1. "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution.

2. "Fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Buyer, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition.

3. "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish Bid prices at artificial, non-competitive levels.

4. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

11.06 *Limitations*

A. Buyer and Seller waive against each other, and against the other's officers, directors, members, partners, employees, agents, consultants, and subcontractors, any and all claims for or entitlement to incidental, indirect, or consequential damages arising out of, resulting from, or related to the Contract. Upon assignment the terms of this Paragraph 11.06.A shall be binding upon the assignee with respect to Seller and assignor. The terms of this mutual waiver do not apply to or limit any claim by either Buyer or Seller against the other based on any of the following: (a) contribution or indemnification, (b) costs, losses, or damages attributable to personal or bodily injury, sickness, disease, or death, or to injury to or destruction of the tangible property of others, (c) intentional or reckless wrongful conduct, or (d) rights conferred by any bond provided by Seller under this Contract.

B. Upon assignment the terms of this Paragraph 11.06.B shall be binding upon both the assignor and assignee with respect to Seller's liability, and upon Seller with respect to both assignor's and assignee's liabilities. The terms of this mutual limitation do not apply to or limit any claim by either Buyer or Seller against the other based on any of the following: (a) contribution or indemnification with respect to third-party claims, losses, and damages; (b) costs, losses, or damages attributable to personal or bodily injury, sickness, disease, or death, or to injury to or destruction of the tangible property of others, (c) intentional or reckless wrongful conduct, or (d) rights conferred by any bond provided by Seller under this Contract.

IN WITNESS WHEREOF, Buyer and Seller have signed this Agreement. Counterparts have been delivered to Buyer and Seller. All portions of the Contract Documents have been signed or identified by Buyer and Seller or on their behalf.

This Agreement will be effective on November 12, 2025 (which is the Effective Date of the Agreement).

BUYER:

Rochelle Municipal Utilities

By: _____

[CORPORATE SEAL]

Attest: _____

Address for giving notices:

Rochelle Municipal Utilities
420 N. 6th Street
Rochelle, IL 61068

(If Buyer is a corporation, attach evidence of authority to sign. If Buyer is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of Buyer-Seller Agreement.)

Designated Representative:

Name: _____
Title: _____
Address: _____
Phone: _____
Email: _____

SELLER:

TransAmerican Power Products, Inc.

By: Igor Lubisco | VP of Strategy and Execution

[CORPORATE SEAL]

Attest: _____

Address for giving notices:

25700 Interstate 45 N, Suite 315,
Spring, Texas 77386

Agent for service of process:

(If Seller is a corporation or a partnership, attach evidence of authority to sign.)

Designated Representative:

Name: Igor Lubisco
Title: VP of Strategy and Execution
Address: 25700 Interstate 45 N, Suite 315
Phone: 281-444-8277
Email: tapprfq@tappinc.com

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

STANDARD GENERAL CONDITIONS FOR PROCUREMENT CONTRACTS

Prepared by

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

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AGC of America
The Associated General Contractors of America
Quality People. Quality Projects.

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STANDARD GENERAL CONDITIONS FOR PROCUREMENT CONTRACTS

ARTICLE 1 - DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

A. Whenever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to the singular or plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.

1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.

2. *Agreement*—The written instrument signed by both Buyer and Seller covering the Goods and Special Services and which lists the Contract Documents in existence on the Effective Date of the Agreement.

3. *Application for Payment*—The form acceptable to Buyer which is used by Seller in requesting progress and final payments and which is accompanied by such supporting documentation as is required by the Contract Documents.

4. *Bid*— The offer or proposal of a Seller submitted on the prescribed form setting forth the prices for the Goods and Special Services to be provided.

5. *Bidder*—The individual or entity that submits a Bid directly to Buyer.

6. *Bidding Documents*—The Bidding Requirements and the proposed Contract Documents (including all Addenda).

7. *Bidding Requirements*—The advertisement or invitation to bid, Instructions to Bidders, Bid security of acceptable form, if any, and Bid Form with any supplements.

8. *Buyer*—The individual or entity purchasing the Goods and Special Services.

9. *Change Order*—A document which is signed by Seller and Buyer and authorizes an addition, deletion, or revision to the Contract Documents or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement. Change Orders may be the result of mutual agreement by Buyer and Seller, or of resolution of a Claim.

10. *Claim*—A demand or assertion by Buyer or Seller seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.

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11. *Contract*—The entire and integrated written agreement between Buyer and Seller concerning the Goods and Special Services. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.

12. *Contract Documents*—Those items so designated in the Agreement. Shop Drawings and other Seller submittals are not Contract Documents, even if accepted, reviewed, or approved by Engineer or Buyer.

13. *Contract Price*—The moneys payable by Buyer to Seller for furnishing the Goods and Special Services in accordance with the Contract Documents as stated in the Agreement.

14. *Contract Times*—The times stated in the Agreement by which the Goods must be delivered and Special Services must be furnished.

15. *Drawings*—That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Goods and Special Services to be furnished by Seller. Shop Drawings and other Seller submittals are not Drawings as so defined.

16. *Effective Date of the Agreement*—The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.

17. *Engineer*—The individual or entity designated as such in the Agreement.

18. *Field Order*—A written order issued by Engineer which requires minor changes in the Goods or Special Services but which does not involve a change in the Contract Price or Contract Times.

19. *General Requirements*—Sections of Division 1 of the Specifications. The General Requirements pertain to all sections of the Specifications.

20. *Goods*—The tangible and movable personal property that is described in the Contract Documents, regardless of whether the property is to be later attached to realty.

21. *Goods and Special Services*—The full scope of materials, equipment, other items, and services to be furnished by Seller, including Goods, as defined herein, and Special Services, if any, as defined herein. This term refers to both the Goods and the Special Services, or to either the Goods or the Special Services, and to any portion of the Goods or the Special Services, as the context requires.

22. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

23. *Milestone*—A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to the Contract Times.

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24. *Notice of Award*—The written notice by Buyer to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, Buyer will sign and deliver the Agreement.

25. *Notice to Proceed*—A written notice given by Buyer to Seller fixing the date on which the Contract Times commence to run and on which Seller shall start to perform under the Contract.

26. *Point of Destination*—The specific address of the location where delivery of the Goods shall be made, as stated in the Agreement.

27. *Project*—The total undertaking of which the Goods and Special Services may be the whole, or only a part.

28. *Project Manual*—The documentary information prepared for bidding and furnishing the Goods and Special Services. A listing of the contents of the Project Manual is contained in its table of contents.

29. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Goods and Special Services and which establish the standards by which such portion of the Goods and Special Services will be judged.

30. *Seller*—The individual or entity furnishing the Goods and Special Services.

31. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Seller and submitted by Seller to illustrate some portion of the Goods and Special Services.

32. *Special Services*—Services associated with the Goods to be furnished by Seller as required by the Contract Documents.

33. *Specifications*—That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the furnishing of the Goods and Special Services, and certain administrative requirements and procedural matters applicable thereto.

34. *Successful Bidder*—The Bidder submitting a responsive Bid, to whom Buyer makes an award.

35. *Supplementary Conditions*—That part of the Contract Documents which amends or supplements these General Conditions.

36. *Work Change Directive*—A written statement to Seller issued on or after the Effective Date of the Agreement and signed by Buyer ordering an addition, deletion, or other revision in the Contract Documents with respect to the Goods and Special Services. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a

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subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.02 *Terminology*

A. The words and terms discussed in Paragraphs 1.02.B and 1.02.C are not defined but have the indicated meanings when used in the Bidding Requirements or Contract Documents.

B. *Intent of Certain Terms or Adjectives:*

1. The Contract Documents include the terms "as allowed," "as approved," "as ordered," "as directed" or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives "reasonable," "suitable," "acceptable," "proper," "satisfactory," or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Goods and Special Services. It is intended that such exercise of professional judgment, action, or determination will be commercially reasonable and will be solely to evaluate, in general, the Goods and Special Services for compliance with the requirements of and information in the Contract Documents and conformance with the design concept of the completed Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective shall not be effective to assign to Engineer any duty or authority to supervise or direct the furnishing of Goods or Special Services or any duty or authority to undertake responsibility contrary to any other provision of the Contract Documents.

2. The word "non-conforming" when modifying the words "Goods and Special Services," "Goods," or "Special Services," refers to Goods and Special Services that fail to conform to the Contract Documents.

3. The word "receipt" when referring to the Goods, shall mean the physical taking and possession by the Buyer under the conditions specified in Paragraph 8.01.B.3.

4. The word "day" means a calendar day of 24 hours measured from midnight to the next midnight.

5. The word "furnish," when used in connection with the Goods and Special Services shall mean to supply and deliver said Goods to the Point of Destination (or some other specified location) and to perform said Special Services fully, all in accordance with the Contract Documents.

C. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

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ARTICLE 2 - PRELIMINARY MATTERS

2.01 *Delivery of Bonds*

A. When Seller delivers the executed counterparts of the Agreement to Buyer, Seller also shall deliver such bonds as Seller may be required to furnish.

2.02 *Evidence of Insurance*

A. When Seller delivers the executed counterparts of the Agreement to Buyer, Seller shall deliver to Buyer, with copies to each additional insured identified by name in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which Seller is required to purchase and maintain in accordance with Article 4.

2.03 *Copies of Documents*

A. Buyer shall furnish Seller up to five printed or hard copies of the Contract Documents. Additional copies will be furnished upon request at the cost of reproduction.

2.04 *Commencement of Contract Times; Notice to Proceed*

A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement, whichever date is earlier.

2.05 *Designated Representatives*

A. Buyer and Seller shall each designate its representative at the time the Agreement is signed. Each representative shall have full authority to act on behalf of and make binding decisions in any matter arising out of or relating to the Contract.

2.06 *Progress Schedule*

A. Within 15 days after the Contract Times start to run, Seller shall submit to Buyer and Engineer an acceptable progress schedule of activities, including at a minimum, Shop Drawing and Sample submittals, tests, and deliveries as required by the Contract Documents. No progress payment will be made to Seller until an acceptable schedule is submitted to Buyer and Engineer.

B. The progress schedule will be acceptable to Buyer and Engineer if it provides an orderly progression of the submittals, tests, and deliveries to completion within the specified Milestones and the Contract Times. Such acceptance will not impose on Buyer or Engineer responsibility for the progress schedule, for sequencing, scheduling, or progress of the work nor interfere with or relieve Seller from Seller's full responsibility

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therefor. Such acceptance shall not be deemed to acknowledge the reasonableness and attainability of the schedule.

2.07 *Preliminary Conference*

A. Within 20 days after the Contract Times start to run, a conference attended by Seller, Buyer, Engineer and others as appropriate will be held to establish a working understanding among the parties as to the Goods and Special Services and to discuss the schedule referred to in Paragraph 2.06.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.

2.08 *Safety*

A. Buyer and Seller shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss. When Seller's personnel, or the personnel of any subcontractor to Seller, are present at the Point of Destination or any work area or site controlled by Buyer, the Seller shall be responsible for the compliance by such personnel with any applicable requirements of Buyer's safety programs that are made known to Seller.

ARTICLE 3 - CONTRACT DOCUMENTS: INTENT AND AMENDING

3.01 *Intent*

A. The Contract Documents are complementary; what is called for by one is as binding as if called for by all.

B. Any labor, documentation, services, materials, or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce or furnish the indicated Goods and Special Services will be provided, whether or not specifically called for, at no additional cost to Buyer.

C. Clarifications and interpretations of, or notifications of minor variations and deviations in, the Contract Documents, will be issued by Engineer as provided in Article 9.

3.02 *Standards, Specifications, Codes, Laws and Regulations*

A. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws and Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws and Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

B. No provision of any such standard, specification, manual or code, or any instruction of a supplier shall be effective to change the duties or responsibilities of Buyer or Engineer, or any of their subcontractors, consultants, agents, or employees from those set forth in the Contract Documents, nor shall any such provision or instruction be effective to

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assign to Buyer or Engineer, or any of their consultants, agents, or employees any duty or authority to supervise or direct the performance of Seller's obligations or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies:*

1. *Seller's Review of Contract Documents Before the Performance of the Contract*: Before performance of the Contract, Seller shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. Seller shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy which Seller discovers or has actual knowledge of and shall obtain a written interpretation or clarification from Engineer before proceeding with the furnishing of any Goods and Special Services affected thereby.

2. *Seller's Review of Contract Documents During the Performance of the Contract:* If, during the performance of the Contract, Seller discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents or between the Contract Documents and any provision of any Law or Regulation applicable to the performance of the Contract, any standard, specification, manual or code, or of any instruction of any Supplier, Seller shall promptly report it to Engineer in writing. Seller shall not proceed with the furnishing of the Goods and Special Services affected thereby until an amendment to or clarification of the Contract Documents has been issued.

3. Seller shall not be liable to Buyer or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Seller had actual knowledge thereof.

B. *Resolving Discrepancies:* Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:

1. the provisions of any standard, specification, manual, code, or instruction (whether or not specifically incorporated by reference in the Contract Documents); or

2. the provisions of any Laws or Regulations applicable to the furnishing of the Goods and Special Services (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Amending and Clarifying Contract Documents*

A. The Contract Documents may be amended to provide for additions, deletions, and revisions to the Goods and Special Services or to modify contractual terms and conditions by a Change Order.

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B. Buyer may issue a Work Change Directive providing for additions, deletions, or revisions to the Goods and Special Services, in which case (1) the Contract Price shall be equitably adjusted to account for any reasonable and necessary credits to Buyer for any such deletion, or for costs (including reasonable overhead and profit) incurred by Seller to accommodate such an addition or revision and (2) the Contract Times shall be equitably adjusted to account for any impact on progress and completion of performance. Such adjustments subsequently shall be duly set forth in a Change Order.

C. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Goods and Special Services may be authorized, by one or more of the following ways:

1. A Field Order.

2. Engineer's approval of a Shop Drawing or Sample (subject to the provisions of Paragraph 5.06.D.3); or

3. Engineer's written interpretation or clarification.

ARTICLE 4 - BONDS AND INSURANCE

4.01 *Bonds*

A. Seller shall furnish to Buyer performance and payment bonds, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of all of Seller's obligations under the Contract Documents. These bonds shall remain in effect until 1) one year after the date when final payment becomes due or 2) completion of the correction period specified in Paragraph 8.03, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. Seller shall also furnish such other bonds as are required by the Contract Documents.

B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.

C. If the surety on any bond furnished by Seller is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 4.01.B, Seller shall promptly notify Buyer and Engineer and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 4.01.B and 4.02.

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4.02 *Insurance*

A. Seller shall provide insurance of the types and coverages and in the amounts stipulated in the Supplementary Conditions.

B. Failure of Buyer to demand certificates of insurance or other evidence of Seller's full compliance with these insurance requirements or failure of Buyer to identify a deficiency in compliance from the evidence provided shall not be construed as a waiver of Seller's obligation to maintain such insurance.

C. Upon assignment of this Contract, Seller shall comply with the written request of assignee to provide certificates of insurance to assignee.

D. Buyer does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Seller.

E. The insurance and insurance limits required herein shall not be deemed as a limitation on Seller's liability under the indemnities granted to Buyer in the Contract Documents.

4.03 *Licensed Sureties and Insurers*

A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Buyer or Seller shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

ARTICLE 5 - SELLER'S RESPONSIBILITIES

5.01 *Supervision and Superintendence*

A. Seller shall supervise, inspect, and direct the furnishing of the Goods and Special Services competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform its obligations in accordance with the Contract Documents. Seller shall be solely responsible for the means, methods, techniques, sequences, and procedures necessary to perform its obligations in accordance with the Contract Documents. Seller shall not be responsible for the negligence of Buyer or Engineer in the design or specification of a specific means, method, technique, sequence, or procedure that is shown or indicated in and expressly required by the Contract Documents.

5.02 *Labor, Materials and Equipment*

A. Seller shall provide competent, qualified and trained personnel in all aspects of its performance of the Contract.

B. All Goods, and all equipment and material incorporated into the Goods, shall be as specified, and unless specified otherwise in the Contract Documents, shall be:

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1. new, and of good quality.

2. protected, assembled, connected, cleaned, and conditioned in accordance with the original manufacturer's instructions; and

3. shop assembled to the greatest extent practicable.

5.03 *Laws and Regulations*

A. Seller shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of its obligations in accordance with the Contract Documents. Except where otherwise expressly required by such Laws and Regulations, neither Buyer nor Engineer shall be responsible for monitoring Seller's compliance with any Laws or Regulations.

B. If Seller furnishes Goods and Special Services knowing or having reason to know that such furnishing is contrary to Laws or Regulations, Seller shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such performance. It shall not be Seller's responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this provision shall not relieve Seller of Seller's obligations under Paragraph 3.03.

C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance shall be the subject of an adjustment in Contract Price or Contract Times. If Buyer and Seller are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 9.06.

5.04 *Or Equals*

A. Whenever the Goods, or an item of material or equipment to be incorporated into the Goods, are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier or manufacturer, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or-equal" item is permitted, other items of material or equipment or material or equipment of other suppliers or manufacturers may be submitted to Buyer for Engineer's review.

1. If in Engineer's sole discretion, such an item of material or equipment proposed by Seller is functionally equal to that named and sufficiently similar so that no change in related work will be required, it may be considered by Engineer as an "or-equal" item.

2. For the purposes of this paragraph, a proposed item of material or equipment may be considered functionally equal to an item so named only if:

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a. in the exercise of reasonable judgment, Engineer determines that: 1) it is at least equal in quality, durability, appearance, strength, and design characteristics; 2) it will reliably perform at least equally well the function imposed by the design concept of the completed Project as a functioning whole; 3) it has an acceptable record of performance and availability of responsive service; and

b. Seller certifies that if approved: 1) there will be no increase in any cost, including capital, installation or operating costs, to Buyer; and 2) the proposed item will conform substantially to the detailed requirements of the item named in the Contract Documents.

B. *Engineer's Evaluation:* Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraph 5.04.A. Engineer will be the sole judge of whether to accept or reject such a proposal or submittal. No "or-equal" will be ordered, manufactured or utilized until Engineer's review is complete, which will be evidenced by an approved Shop Drawing. Engineer will advise Buyer and Seller in writing of any negative determination. Notwithstanding Engineer's approval of an "or-equal" item, Seller shall remain obligated to comply with the requirements of the Contract Documents.

C. *Special Guarantee:* Buyer may require Seller to furnish at Seller's expense a special performance guarantee or other surety with respect to any such proposed "or-equal."

D. *Data:* Seller shall provide all data in support of any such proposed "or-equal" at Seller's expense.

5.05 *Taxes*

A. Seller shall be responsible for all taxes and duties arising out of the sale of the Goods and the furnishing of Special Services. All taxes are included in the Contract Price, except as noted in the Supplementary Conditions.

5.06 *Shop Drawings and Samples*

A. Seller shall submit Shop Drawings and Samples to Buyer for Engineer's review and approval in accordance with the schedule required in Paragraph 2.06.A. All submittals will be identified as required and furnished in the number of copies specified in the Contract Documents. The data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Seller proposes to provide.

B. Where a Shop Drawing or Sample is required by the Contract Documents, any related work performed prior to Engineer's approval of the pertinent submittal will be at the sole expense and responsibility of Seller.

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C. *Submittal Procedures:*

1. Before submitting each Shop Drawing or Sample, Seller shall have determined and verified:

   a. all field measurements (if required), quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto; and

   b. that all materials are suitable with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the furnishing of Goods and Special Services.

2. Seller shall also have reviewed and coordinated each Shop Drawing or Sample with the Contract Documents.

3. Each submittal shall bear a stamp or include a written certification from Seller that Seller has reviewed the subject submittal and confirmed that it is in compliance with the requirements of the Contract Documents. Both Buyer and Engineer shall be entitled to rely on such certification from Seller.

4. With each submittal, Seller shall give Buyer and Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both in a written communication separate from the submittal and by specific notation on each Shop Drawing or Sample.

D. *Engineer's Review:*

1. Engineer will provide timely review of Shop Drawings and Samples.

2. Engineer's review and approval will be only to determine if the Goods and Special Services covered by the submittals will, after installation or incorporation in the Project, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole.

3. Engineer's review and approval shall not relieve Seller from responsibility for any variation from the requirements of the Contract Documents unless Seller has complied with the requirements of Paragraph 5.06.C.4 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer's review and approval shall not relieve Seller from responsibility for complying with the requirements of Paragraph 5.06.C.1.

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E. *Resubmittal Procedures:*

1. Seller shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Seller shall direct specific attention in writing to any revisions other than the corrections called for by Engineer on previous submittals.

5.07 *Continuing Performance*

A. Seller shall adhere to the progress schedule established in accordance with Paragraph 2.06.A., and the Goods shall be delivered and the Special Services furnished within the Contract Times specified in the Agreement.

B. Seller shall carry on furnishing of the Goods and Special Services and adhere to the progress schedule during all disputes or disagreements with Buyer. No furnishing of Goods and Special Services shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraphs 11.03 or 11.04, or as Buyer and Seller may otherwise agree in writing.

5.08 *Seller's Warranties and Guarantees*

A. Seller warrants and guarantees to Buyer that the title to the Goods conveyed shall be proper, its transfer rightful, and free from any security interest, lien, or other encumbrance. Seller shall defend, indemnify, and hold Buyer harmless against any liens, claims, or demands contesting or affecting title of the Goods conveyed.

B. Seller warrants and guarantees to Buyer that all Goods and Special Services will conform with the Contract Documents, and with the standards established by any Samples approved by Engineer. Engineer shall be entitled to rely on Seller's warranty and guarantee. If the Contract Documents do not otherwise specify the characteristics or the quality of the Goods, the Goods shall comply with the requirements of Paragraph 5.02.B.

C. Seller's warranty and guarantee hereunder excludes defects or damage caused by:

1. abuse, improper modification, improper maintenance, or improper operation by persons other than Seller; or

2. corrosion or chemical attack, unless corrosive or chemically-damaging conditions were disclosed by Buyer in the Contract Documents and the Contract Documents required the Goods to withstand such conditions.

3. use in a manner contrary to Seller's written instructions for installation, operation, and maintenance; or

4. normal wear and tear under normal usage.

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D. Seller's obligation to furnish the Goods and Special Services in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Goods and Special Services that are non-conforming, or a release of Seller's obligation to furnish the Goods and Special Services in accordance with the Contract Documents:

1. observations by Buyer or Engineer.

2. recommendation by Engineer or payment by Buyer of any progress or final payment.

3. use of the Goods by Buyer.

4. any acceptance by Buyer (subject to the provisions of Paragraph 8.02.D.1) or any failure to do so.

5. the issuance of a notice of acceptance by Buyer pursuant to the provisions of Article 8.

6. any inspection, test or approval by others; or

7. any correction of non-conforming Goods and Special Services by Buyer.

E. Buyer shall promptly notify Seller of any breach of Seller's warranties or guarantees.

F. Seller makes no implied warranties under this Contract.

5.09 *Indemnification*

A. To the fullest extent permitted by Laws and Regulations, Seller shall indemnify and hold harmless Buyer and Engineer, and the officers, directors, members, partners, employees, agents, consultants, contractors, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of Seller's obligations under the Contract Documents, provided that any such claim, cost, loss, or damages attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Goods themselves), including the loss of use resulting therefrom, but only to the extent cause by any negligent act or omission of Seller, or any individual or entity directly or indirectly employed by Seller or anyone for whose acts Seller may be liable.

B. In any and all claims against Buyer or Engineer or any of their respective assignees, consultants, agents, officers, directors, members, partners, employees, agents, consultants, contractors, or subcontractors, by any employee (or the survivor or personal representative of such employee) of Seller, any subcontractor, any supplier, or any individual or entity directly or indirectly employed by any of them to furnish any of the Goods and Special Services, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 5.09.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for

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seller or any such subcontractor, supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

C. The indemnification obligations of Seller under Paragraph 5.09.A shall not extend to the liability of Engineer and Engineer's officers, directors, partners, employees, agents, and consultants arising out of:

1. the preparation or approval of, or the failure to prepare or approve, maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or

2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

5.10 *Delegation of Professional Design Services*

A. Seller will not be required to provide professional design services unless such services are specifically required by the Contract Documents or unless such services are required to carry out Seller's responsibilities for furnishing the Goods and Special Services. Seller shall not be required to provide professional services in violation of applicable law.

B. If professional design services or certifications by a design professional related to the Goods and Special Services are specifically required of Seller by the Contract Documents, Buyer and Engineer will specify all performance and design criteria that such services must satisfy. Seller shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Goods and Special Services designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.

C. Buyer and Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Buyer and Engineer have specified to Seller all performance and design criteria that such services must satisfy.

D. Pursuant to this Paragraph 5.10, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 5.06.D.2.

E. Seller shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

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ARTICLE 6 - SHIPPING AND DELIVERY

6.01 *Shipping*

A. Seller shall select the carrier and bear all costs of packaging, transportation, insurance, special handling and any other costs associated with shipment and delivery.

6.02 *Delivery*

A. Seller shall deliver the Goods F.O.B. the Point of Destination in accordance with the Contract Times set forth in the Agreement, or other date agreed to by Buyer and Seller.

B. Seller shall provide written notice to Buyer at least 10 days before shipment of the manner of shipment and the anticipated delivery date. The notice shall also include any instructions concerning special equipment or services required at the Point of Destination to unload and care for the Goods. Seller shall also require the carrier to give Buyer at least 24 hours notice by telephone prior to the anticipated time of delivery.

C. Buyer will be responsible and bear all costs for unloading the Goods from carrier.

D. Buyer will assure that adequate facilities are available to receive delivery of the Goods during the Contract Times for delivery set forth in the Agreement, or another date agreed by Buyer and Seller.

E. No partial deliveries shall be allowed, unless permitted or required by the Contract Documents or agreed to in writing by Buyer.

6.03 *Risk of Loss*

A. Risk of loss and insurable interests transfer from Seller to Buyer upon Buyer's receipt of the Goods.

B. Notwithstanding the provisions of Paragraph 6.03.A, if Buyer rejects the Goods as non-conforming, the risk of loss on such Goods shall remain with Seller until Seller corrects the non-conformity or Buyer accepts the Goods. If rejected Goods remain at the Point of Destination pending modification and acceptance, then Seller shall be responsible for arranging adequate protection and maintenance of the Goods at Seller's expense.

6.04 *Progress Schedule*

A. Seller shall adhere to the progress schedule established in accordance with Paragraph 2.06 as it may be adjusted from time to time as provided below.

1. Seller shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.06) proposed adjustments in the progress schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.

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2. Proposed adjustments in the progress schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 7. Adjustments in Contract Times may only be made by a Change Order.

ARTICLE 7 - CHANGES: SCHEDULE AND DELAY

7.01 *Changes in the Goods and Special Services*

A. Buyer may at any time, without notice to any surety, make an addition, deletion, or other revision to the Contract Documents with respect to the Goods and Services, within the general scope of the Contract, by a Change Order or Work Change Directive. Upon receipt of any such document, Seller shall promptly proceed with performance pursuant to the revised Contract Documents (except as otherwise specifically provided).

B. If Seller concludes that a Work Change Directive issued by Buyer affects the Contract Price or Contract Times, then Seller shall notify Buyer within 15 days after Seller has received the Work Change Directive and submit written supporting data to Buyer within 45 days after such receipt. If Seller fails to notify Buyer within 15 days, Seller waives any Claim for such adjustment. If Buyer and Seller are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefor as provided in Paragraph 9.06.

C. Seller shall not suspend performance while Buyer and Seller are in the process of making such changes and any related adjustments to Contract Price or Contract Times.

7.02 *Changing Contract Price or Contract Times*

A. The Contract Price or Contract Times may only be changed by a Change Order.

B. Any Claim for an adjustment in the Contract Price or Contract Times shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 9.06.

C. If Seller is prevented from delivering the Goods or performing the Special Services within the Contract Times for any unforeseen reason beyond its control and not attributable to its actions or inactions, then Seller shall be entitled to an adjustment of the Contract Times to the extent attributable to such reason. Such reasons include but are not limited to acts or neglect by Buyer, inspection delays, fires, floods, epidemics, abnormal weather conditions, acts of God, and other like matters. If such an event occurs and delays Seller's performance, Seller shall notify Buyer in writing within 15 days of knowing or having reason to know of the beginning of the event causing the delay, stating the reason therefor.

D. Seller shall not be entitled to an adjustment in Contract Price or Contract Times for delays within the control of Seller. Delays attributable to and within the control of Seller's subcontractors or suppliers shall be deemed to be delays within the control of Seller.

E. If Seller is prevented from delivering the Goods or furnishing the Special Services within the Contract Times due to the actions or inactions of Buyer, Seller shall be entitled to

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any reasonable and necessary additional costs arising out of such delay to the extent directly attributable to Buyer.

F. Neither Buyer nor Seller shall be entitled to any damages arising from delays which are beyond the control of both Buyer and Seller, including but not limited to fires, floods, epidemics, abnormal weather conditions, acts of God, and other like matters.

ARTICLE 8 - BUYER'S RIGHTS

8.01 *Inspections and Testing*

A. *General:*

1. The Contract Documents specify required inspections and tests. Buyer shall have the right to perform, or cause to be performed, reasonable inspections and require reasonable tests of the Goods at Seller's facility, and at the Point of Destination. Seller shall allow Buyer a reasonable time to perform such inspections or tests.

2. Seller shall reimburse Buyer for all expenses, except for travel, lodging, and subsistence expenses of Buyer's and Engineer's representatives, for inspections and tests specified in the Contract Documents. If as the result of any such specified testing the Goods are determined to be non-conforming, then Seller shall also bear the travel, lodging, and subsistence expenses of Buyer's and Engineer's representatives, and all expenses of re-inspection or retesting.

3. Buyer shall bear all expenses of inspections and tests that are not specified in the Contract Documents (other than any re-inspection or retesting resulting from a determination of non-conformity, as set forth in Paragraph 8.01.A.2 immediately above); provided, however, that if as the result of any such non-specified inspections or testing the Goods are determined to be non-conforming, then Seller shall bear all expenses of such inspections and testing, and of any necessary re-inspection and retesting.

4. Seller shall provide Buyer timely written notice of the readiness of the Goods for all inspections, tests, or approvals which the Contract Documents specify are to be observed by Buyer prior to shipment.

5. Buyer will give Seller timely notice of all specified tests, inspections, and approvals of the Goods which are to be conducted at the Point of Destination.

6. If, on the basis of any inspections or testing, the Goods appear to be conforming, Buyer will give Seller prompt notice thereof. If on the basis of said inspections or testing, the Goods appear to be non-conforming, Buyer will give Seller prompt notice thereof and will advise Seller of the remedy Buyer elects under the provisions of Paragraph 8.02.

7. Neither payment made by Buyer to Seller prior to any tests or inspections, nor any tests or inspections shall constitute acceptance of non-conforming Goods, or prejudice Buyer's rights under the Contract.

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B. Inspection on Delivery:

1. Buyer or Engineer will visually inspect the Goods upon delivery solely for purposes of identifying the Goods and general verification of quantities and observation of apparent condition in order to provide a basis for a progress payment. Such visual inspection will not be construed as final or as receipt of any Goods and Special Services that, as a result of subsequent inspections and tests, are determined to be non-conforming.

2. Within ten days of such visual inspection, Buyer shall provide Seller with written notice of Buyer's determination regarding conformity of the Goods. In the event Buyer does not provide such notice, it will be presumed that the Goods appear to be conforming and that Buyer has acknowledged their receipt upon delivery.

3. If, on the basis of the visual inspection specified in Paragraph 8.01.B.1, the Goods appear to be conforming, Buyer's notice thereof to Seller will acknowledge receipt of the Goods.

C. Final Inspection:

1. After all of the Goods have been incorporated into the Project, tested in accordance with such testing requirements as are specified, and are functioning as indicated, Buyer or Engineer will make a final inspection.

2. If, on the basis of the final inspection, the Goods are conforming, Buyer's notice thereof will constitute Buyer's acceptance of the Goods.

3. If, on the basis of the final inspection, the Goods are non-conforming, Buyer will identify the non-conformity in writing.

8.02 *Non-Conforming Goods and Special Services*

A. If, on the basis of inspections and testing prior to delivery, the Goods and Special Services are found to be non-conforming, or if at any time after Buyer has acknowledged receipt of delivery and before the expiration of the correction period described in Paragraph 8.03, Buyer determines that the Goods and Special Services are non-conforming, then Seller shall promptly, without cost to Buyer and in response to written instructions from Buyer, either correct such non-conforming Goods and Special Services, or, if Goods are rejected by Buyer, remove and replace the non-conforming Goods with conforming Goods, including all work required for reinstallation.

B. Buyer's Rejection of Non-Conforming Goods:

1. If Buyer elects to reject the Goods in whole or in part, Buyer's notice to Seller will describe in sufficient detail the non-conforming aspect of the Goods. If Goods have been delivered to Buyer, Seller shall promptly, and within the Contract Times, remove and replace the rejected Goods.

2. Seller shall bear all costs, losses and damages attributable to the removal and replacement of the non-conforming Goods as provided in Paragraph 8.02.E.

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3. Upon rejection of the Goods, Buyer retains a security interest in the Goods to the extent of any payments made and expenses incurred in their testing and inspection.

C. Remedying Non-Conforming Goods and Special Services:

1. If Buyer elects to permit the Seller to modify the Goods to correct the non-conformance, then Seller shall promptly provide a schedule for such modifications and shall make the Goods conforming within a reasonable time.

2. If Buyer notifies Seller in writing that any of the Special Services are non-conforming, Seller shall promptly provide conforming services acceptable to Buyer. If Seller fails to do so, Buyer may delete the Special Services and reduce the Contract Price a commensurate amount.

D. Buyer's Acceptance of Non-Conforming Goods:

Instead of requiring correction or removal and replacement of non-conforming Goods discovered either before or after final payment, Buyer may accept the non-conforming Goods. Seller shall bear all reasonable costs, losses, and damages attributable to Buyer's evaluation of and determination to accept such non-conforming Goods as provided in Paragraph 8.02.E.

E. Seller shall pay all claims, costs, losses, and damages, including but not limited to all fees and charges for re-inspection, retesting and for any engineers, architects, attorneys and other professionals, and all court or arbitration or other dispute resolution costs arising out of or relating to the non-conforming Goods and Special Services. Seller's obligations shall include the costs of the correction or removal and replacement of the non-conforming Goods and the replacement of property of Buyer and others destroyed by the correction or removal and replacement of the non-conforming Goods, and obtaining conforming Special Services from others.

F. *Buyer's Rejection of Conforming Goods:*

If Buyer asserts that Goods and Special Services are non-conforming and such Goods and Special Services are determined to be conforming, or if Buyer rejects as non-conforming Goods and Special Services that are later determined to be conforming, then Seller shall be entitled to reimbursement from Buyer of costs incurred by Seller in inspecting, testing, correcting, removing, or replacing the conforming Goods and Special Services, including but not limited to fees and charges of engineers, architects, attorneys and other professionals, and all court or arbitration or other dispute resolution costs associated with the incorrect assertion of non-conformance or rejection of conforming Goods and Special Services.

8.03 *Correction Period*

A. Seller's responsibility for correcting all non-conformities in the Goods and Special Services will extend for a period of one year after the earlier of the date on which Buyer has placed the Goods in continuous service or the date of final payment, or for such longer period of

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time as may be prescribed by Laws or Regulations or by the terms of any specific provisions of the Contract Documents.

ARTICLE 9 - ROLE OF ENGINEER

9.01 *Duties and Responsibilities*

A. The duties and responsibilities and the limitations of authority of Engineer are set forth in the Contract Documents.

9.02 *Clarifications and Interpretations*

A. Engineer will issue with reasonable promptness such written clarifications or interpretations of the Contract Documents as Engineer may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. Such written clarifications and interpretations will be binding on Buyer and Seller. If either Buyer or Seller believes that a written clarification or interpretation justifies an adjustment in the Contract Price or Contract Times, either may make a Claim therefor.

9.03 *Authorized Variations*

A. Engineer may authorize minor deviations or variations in the Contract Documents by: 1) written approval of specific variations set forth in Shop Drawings when Seller has duly noted such variations as required in Paragraph 5.06.C.4, or 2) a Field Order.

9.04 *Rejecting Non-Conforming Goods and Special Services*

A. Engineer will have the authority to disapprove or reject Goods and Special Services that Engineer believes to be non-conforming. Engineer will also have authority to require special inspection or testing of the Goods or Special Services as provided in Paragraph 8.01 whether or not the Goods are fabricated or installed, or the Special Services are completed.

9.05 *Decisions on Requirements of Contract Documents*

A. Engineer will be the initial interpreter of the Contract Documents and judge of the acceptability of the Goods and Special Services. Claims, disputes and other matters relating to the acceptability of the Goods and Special Services or the interpretation of the requirements of the Contract Documents pertaining to Seller's performance will be referred initially to Engineer in writing with a request for a formal decision in accordance with this paragraph.

B. When functioning as interpreter and judge under this Paragraph 9.05, Engineer will not show partiality to Buyer or Seller and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity. The rendering of a decision by Engineer pursuant to this Paragraph 9.05 with respect to any such Claim, dispute, or other matter (except any which have been waived by the making or acceptance of final payment as provided in Paragraph 10.07) will be a condition precedent to any exercise by Buyer or Seller of such rights or remedies as either may otherwise have under the Contract

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Documents or by Laws or Regulations in respect of any such Claim, dispute, or other matter.

9.06 *Claims and Disputes*

A. *Notice*: Written notice of each Claim relating to the acceptability of the Goods and Special Services or the interpretation of the requirements of the Contract Documents pertaining to either party's performance shall be delivered by the claimant to Engineer and the other party to the Agreement within 15 days after the occurrence of the event giving rise thereto, and written supporting data shall be submitted to Engineer and the other party within 45 days after such occurrence unless Engineer allows an additional period of time to ascertain more accurate data.

B. *Engineer's Decision*: Engineer will review each such Claim and render a decision in writing within 30 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any.

C. If Engineer does not render a formal written decision on a Claim within the time stated in Paragraph 9.06.B., Engineer shall be deemed to have issued a decision denying the Claim in its entirety 31 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any.

D. Engineer's written decision on such Claim or a decision denying the Claim in its entirety that is deemed to have been issued pursuant to Paragraph 9.06.C, will be final and binding upon Buyer and Seller 30 days after it is issued unless within 30 days of issuance Buyer or Seller appeals Engineer's decision by initiating the mediation of such Claim in accordance with the dispute resolution procedures set forth in Article 13.

E. If Article 13 has been amended to delete the mediation requirement, then Buyer or Seller may appeal Engineer's decision within 30 days of issuance by following the alternative dispute resolution process set forth in Article 13, as amended; or if no such alternative dispute resolution process has been set forth, Buyer or Seller may appeal Engineer's decision by 1) delivering to the other party within 30 days of the date of such decision a written notice of intent to submit the Claim to a court of competent jurisdiction, and 2) within 60 days after the date of such decision instituting a formal proceeding in a court of competent jurisdiction.

F. No Claim for an adjustment in Contract Price or Contract Times will be valid if not submitted in accordance with this Paragraph 9.06.

G. The parties agree to endeavor to avoid or resolve Claims through direct, good faith discussions and negotiations whenever practicable. Such discussions and negotiations should at the outset address whether the parties mutually agree to suspend the time periods established in this Paragraph 9.06; if so, a written record of such mutual agreement should be made and jointly executed.

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ARTICLE 10 - PAYMENT

10.01 *Applications for Progress Payments*

A. Seller shall submit to Buyer for Engineer's review Applications for Payment filled out and signed by Seller and accompanied by such supporting documentation as is required by the Contract Documents and also as Buyer or Engineer may reasonably require. The timing and amounts of progress payments shall be as stipulated in the Agreement.

1. The first application for Payment will be submitted after review and approval by Engineer of all Shop Drawings and of all Samples required by the Contract Documents.

2. The second Application for Payment will be submitted after receipt of the Goods has been acknowledged in accordance with Paragraph 8.01.B and will be accompanied by a bill of sale, invoice, or other documentation reasonably satisfactory to Buyer warranting that Buyer has rightfully received good title to the Goods from Seller and that, upon payment, the Goods will be free and clear of all liens. Such documentation will include releases and waivers from all parties with viable lien rights. In the case of multiple deliveries of Goods, additional Applications for Payment accompanied by the required documentation will be submitted as Buyer acknowledges receipt of additional items of the Goods.

10.02 *Review of Applications for Progress Payments*

A. Engineer will, within ten days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to Buyer or return the Application to Seller indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Seller may make the necessary corrections and resubmit the Application.

1. Engineer's recommendation of payment requested in the first Application for Payment will constitute a representation by Engineer, based on Engineer's review of the Application for Payment and the accompanying data, that the Shop Drawings and Samples have been reviewed and approved as required by the Contract Documents and Seller is entitled to payment of the amount recommended.

2. Engineer's recommendation of payment requested in the Application for Payment submitted upon Buyer's acknowledgment of receipt of the Goods will constitute a representation by Engineer, based on Engineer's review of the Application for Payment and the accompanying data Seller is entitled to payment of the amount recommended. Such recommendation will not constitute a representation that Engineer has made a final inspection of the Goods, that the Goods are free from non-conformities, acceptable or in conformance with the Contract Documents, that Engineer has made any investigation as to Buyer's title to the Goods, that exhaustive or continuous inspections have been made to check the quality or the quantity of the Goods beyond the responsibilities specifically assigned to Engineer in the Contract Documents or that there may not be other matters or issues

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between the parties that might entitle Seller to additional payments by Buyer or Buyer to withhold payment to Seller.

3. Engineer may refuse to recommend that all or any part of a progress payment be made, or Engineer may nullify all or any part of any payment previously recommended if, in Engineer's opinion, such recommendation would be incorrect or if on the basis of subsequently discovered evidence or subsequent inspections or tests Engineer considers such refusal or nullification necessary to protect Buyer from loss because the Contract Price has been reduced, Goods are found to be non-conforming, or Seller has failed to furnish acceptable Special Services.

10.03 *Amount and Timing of Progress Payments*

A. Subject to Paragraph 10.02.A., the amounts of the progress payments will be as provided in the Agreement. Buyer shall within 30 days after receipt of each Application for Payment with Engineer's recommendation pay Seller the amount recommended; but, in the case of the Application for Payment upon Buyer's acknowledgment of receipt of the Goods, said 30-day period may be extended for so long as is necessary (but in no event more than 60 days) for Buyer to examine the bill of sale and other documentation submitted therewith. Buyer shall notify Seller promptly of any deficiency in the documentation and shall not unreasonably withhold payment.

10.04 *Suspension of or Reduction in Payment*

A. Buyer may suspend or reduce the amount of progress payments, even though recommended for payment by Engineer, under the following circumstances:

1. Buyer has reasonable grounds to conclude that Seller will not furnish the Goods or the Special Services in accordance with the Contract Documents, and

2. Buyer has requested in writing assurances from Seller that the Goods and Special Services will be delivered or furnished in accordance with the Contract Documents, and Seller has failed to provide adequate assurances within ten days of Buyer's written request.

B. If Buyer refuses to make payment of the full amount recommended by Engineer, Buyer will provide Seller and Engineer immediate written notice stating the reason for such action and promptly pay Seller any amount remaining after deduction of the amount withheld. Buyer shall promptly pay Seller the amount withheld when Seller corrects the reason for such action to Buyer's satisfaction.

10.05 *Final Application for Payment*

A. After Seller has corrected all non-conformities to the reasonable satisfaction of Buyer and Engineer, furnished all Special Services, and delivered all documents required by the Contract Documents, Engineer will issue to Buyer and Seller a notice of acceptance. Seller may then make application for final payment following the procedure for progress payments. The final Application for Payment will be accompanied by all documentation

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called for in the Contract Documents, a list of all unsettled Claims, and such other data and information as Buyer or Engineer may reasonably require.

10.06 *Final Payment*

A. If, on the basis of final inspection and the review of the final Application for Payment and accompanying documentation, Engineer is reasonably satisfied that Seller has furnished the Goods and Special Services in accordance with the Contract Documents, and that Seller's has fulfilled all other obligations under the Contract Documents, then Engineer will, within ten days after receipt of the final Application for Payment, recommend in writing final payment subject to the provisions of Paragraph 10.07 and present the Application to Buyer. Otherwise, Engineer will return the Application to Seller, indicating the reasons for refusing to recommend final payment, in which case Seller shall make the necessary corrections and resubmit the Application for payment. If the Application and accompanying documentation are appropriate as to form and substance, Buyer shall, within 30 days after receipt thereof, pay Seller the amount recommended by Engineer, less any sum Buyer is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages to which Buyer is entitled.

10.07 *Waiver of Claims*

A. The making and acceptance of final payment will constitute:

1. a waiver of all Claims by Buyer against Seller, except Claims arising from unsettled liens from non-conformities in the Goods or Special Services appearing after final payment, from Seller's failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from Seller's continuing obligations under the Contract Documents; and

2. a waiver of all Claims by Seller against Buyer (other than those previously made in accordance with the requirements herein and listed by Seller as unsettled as required in Paragraph 10.05.A, and not resolved in writing).

ARTICLE 11 - CANCELLATION, SUSPENSION, AND TERMINATION

11.01 *Cancellation*

A. Buyer has the right to cancel the Contract, without cause, at any time prior to delivery of the Goods by written notice. Cancellation pursuant to the terms of this paragraph shall not constitute a breach of contract by Buyer. Upon cancellation:

1. Buyer shall pay Seller for the direct costs incurred in producing any Goods that Seller has specially manufactured for the Project, plus a fair and reasonable amount for overhead and profit.

2. For Goods that are not specially manufactured for the Project, Seller shall be entitled to a restocking charge of 10 percent of the unpaid Contract Price of such Goods.

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11.02 *Suspension of Performance by Buyer*

A. Buyer has the right to suspend performance of the Contract for up to a maximum of ninety days, without cause, by written notice. Upon suspension under this paragraph, Seller shall be entitled to an increase in the Contract Times and Contract Price caused by the suspension, provided that performance would not have been suspended or delayed for causes attributable to Seller.

11.03 *Suspension of Performance by Seller*

A. Subject to the provisions of Paragraph 5.07.B, Seller may suspend the furnishing of the Goods and Special Services only under the following circumstance:

1. Seller has reasonable grounds to conclude that Buyer will not perform its future payment obligations under the Contract; and,

2. Seller has requested in writing assurances from Buyer that future payments will be made in accordance with the Contract, and Buyer has failed to provide such assurances within ten days of Seller's written request.

11.04 *Breach and Termination*

A. Buyer's Breach:

1. Buyer shall be deemed in breach of the Contract if it fails to comply with any material provision of the Contract Documents, including but not limited to:

a. wrongful rejection or revocation of Buyer's acceptance of the Goods,

b. failure to make payments in accordance with the Contract Documents, or

c. wrongful repudiation of the Contract.

2. Seller shall have the right to terminate the Contract for cause by declaring a breach should Buyer fail to comply with any material provisions of the Contract. Upon termination, Seller shall be entitled to all remedies provided by Laws and Regulations.

a. In the event Seller believes Buyer is in breach of its obligations under the Contract, Seller shall provide Buyer with reasonably prompt written notice setting forth in sufficient detail the reasons for declaring that it believes a breach has occurred. Buyer shall have seven days from receipt of the written notice declaring the breach (or such longer period of time as Seller may grant in writing) within which to cure or to proceed diligently to cure such alleged breach.

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B. Seller's Breach:

1. Seller shall be deemed in breach of the Contract if it fails to comply with any material provision of the Contract Documents, including, but not limited to:

   a. failure to deliver the Goods or perform the Special Services in accordance with the Contract Documents,

   b. wrongful repudiation of the Contract, or

   c. delivery or furnishing of non-conforming Goods and Special Services.

2. Buyer may terminate Seller's right to perform the Contract for cause by declaring a breach should Seller fail to comply with any material provision of the Contract Documents. Upon termination, Buyer shall be entitled to all remedies provided by Laws and Regulations.

   a. In the event Buyer believes Seller is in breach of its obligations under the Contract, and except as provided in Paragraph 11.04.B.2.b, Buyer shall provide Seller with reasonably prompt written notice setting forth in sufficient detail the reasons for declaring that it believes a breach has occurred. Seller shall have seven days from receipt of the written notice declaring the breach (or such longer period of time as Buyer may grant in writing) within which to cure or to proceed diligently to cure such alleged breach.

   b. If and to the extent that Seller has provided a performance bond under the provisions of Paragraph 4.01, the notice and cure procedures of that bond, if any, shall supersede the notice and cure procedures of Paragraph 11.04.B.2.a.

ARTICLE 12 - LICENSES AND FEES

12.01 *Intellectual Property and License Fees*

A. Unless specifically stated elsewhere in the Contract Documents, Seller is not transferring any intellectual property rights, patent rights, or licenses for the Goods delivered. However, in the event the Seller is manufacturing to Buyer's design, Buyer retains all intellectual property rights in such design.

B. Seller shall pay all license fees and royalties and assume all costs incident to the use or the furnishing of the Goods, unless specified otherwise by the Contract Documents.

12.02 *Seller's Infringement*

A. Subject to Paragraph 12.01.A, Seller shall indemnify and hold harmless Buyer, Engineer and their officers, directors, members, partners, employees, agents, consultants, contractors, and subcontractors from and against all claims, costs, losses, damages, and judgments (including but not limited to all reasonable fees and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement or alleged infringement of

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any United States or foreign patent or copyright by any of the Goods as delivered hereunder.

B. In the event of suit or threat of suit for intellectual property infringement, Buyer will promptly notify Seller of receiving notice thereof.

C. Seller shall promptly defend the claim or suit, including negotiating a settlement. Seller shall have control over such claim or suit, provided that Seller agrees to bear all expenses and to satisfy any adverse judgment thereof.

1. If Seller fails to defend such suit or claim after written notice by Buyer, Seller will be bound in any subsequent suit or claim against Seller by Buyer by any factual determination in the prior suit or claim.

2. If Buyer fails to provide Seller the opportunity to defend such suit or claim after written notice by Seller, Buyer shall be barred from any remedy against Seller for such suit or claim.

D. If a determination is made that Seller has infringed upon intellectual property rights of another, Seller may obtain the necessary licenses for Buyer's benefit, or replace the Goods and provide related design and construction as necessary to avoid the infringement at Seller's own expense.

12.03 *Buyer's Infringement*

A. Buyer shall indemnify and hold harmless Seller, and its officers, directors, partners, employees, agents, consultants, contractors, and subcontractors from and against all claims, costs, losses, damages, and judgments (including but not limited to all reasonable fees and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement or alleged infringement of any United States or foreign patent or copyright caused by Seller's compliance with Buyer's design of the Goods or Buyer's use of the Goods in combination with other materials or equipment in any process (unless intent of such use was known to Seller and Seller had reason to know such infringement would result).

B. In the event of suit or threat of suit for intellectual property infringement, Seller must after receiving notice thereof promptly notify Buyer.

C. Upon written notice from Seller, Buyer shall be given the opportunity to defend the claim or suit, including negotiating a settlement. Buyer shall have control over such claim or suit, provided that Buyer agrees to bear all expenses and to satisfy any adverse judgment thereof.

1. If Buyer fails to defend such suit or claim after written notice by Seller, Buyer will be bound in any subsequent suit or claim against Buyer by Seller by any factual determination in the prior suit or claim.

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2. If Seller fails to provide Buyer the opportunity to defend such suit or claim after written notice by Buyer, Seller shall be barred from any remedy against Buyer for such suit or claim.

12.04 *Reuse of Documents*

A. Neither Seller nor any other person furnishing any of the Goods and Special Services under a direct or indirect contract with Seller shall: (1) acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media versions; or (2) reuse any of such Drawings, Specifications, other documents, or copies thereof on any other project without written consent of Buyer and Engineer and specific written verification or adaptation by Engineer. This prohibition will survive termination or completion of the Contract. Nothing herein shall preclude Seller from retaining copies of the Contract Documents for record purposes.

12.05 *Electronic Data*

A. Unless otherwise stated in the Supplementary Conditions, copies of data furnished by Buyer or Engineer to Seller, or by Seller to Buyer or Engineer that may be relied upon are limited to the printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.

B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. The transferring party will correct any errors detected within the 60-day acceptance period.

C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

ARTICLE 13 - DISPUTE RESOLUTION

13.01 *Dispute Resolution Method*

A. Either Buyer or Seller may initiate the mediation of any Claim decided in writing by Engineer under Paragraph 9.06.B or 9.06.C before such decision becomes final and binding. The mediation will be governed by the Construction Industry Mediation Rules of the American Arbitration Association in effect as of the Effective Date of the Agreement. The request for mediation shall be submitted in writing to the American Arbitration Association and the other party to the Contract. Timely submission of the request shall stay the Engineer's decision from becoming final and binding.

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B. Buyer and Seller shall participate in the mediation process in good faith. The process shall be concluded within 60 days of filing of the request. The date of termination of the mediation shall be determined by application of the mediation rules referenced above.

C. If the mediation process does not result in resolution of the Claim, then Engineer's written decision under Paragraph 9.06.B or a denial pursuant to Paragraph 9.06.C shall become final and binding 30 days after termination of the mediation unless, within that time period, Buyer or Seller:

1. elects in writing to invoke any dispute resolution process provided for in the Supplementary Conditions, or

2. agrees with the other party to submit the Claim to another dispute resolution process, or

3. if no dispute resolution process has been provided for in the Supplementary Conditions, delivers to the other party written notice of the intent to submit the Claim to a court of competent jurisdiction, and within 60 days of the termination of the mediation institutes such formal proceeding.

ARTICLE 14 - MISCELLANEOUS

14.01 *Giving Notice*

A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if: 1) delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or 2) if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

14.02 *Controlling Law*

A. This Contract is to be governed by the law of the state in which the Point of Destination is located.

B. In the case of any conflict between the express terms of this Contract and the Uniform Commercial Code, as adopted in the state whose law governs, it is the intent of the parties that the express terms of this Contract shall apply.

14.03 *Computation of Time*

A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation.

14.04 *Cumulative Remedies*

A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be

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construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract Documents, and the provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

14.05 *Survival of Obligations*

A. All representations, indemnifications, warranties and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive final payment, completion, and acceptance of the Goods and Special Services and termination or completion of the Agreement.

14.06 *Entire Agreement*

A. Buyer and Seller agree that this Agreement is the complete and final agreement between them, and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement may not be altered, modified, or amended except in writing signed by an authorized representative of both parties.

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Supplementary Conditions

These Supplementary Conditions amend or supplement the Standard General Conditions for Procurement Contracts, EJCDC P-700 (2010 Edition), and other provisions of the Contract Documents as indicated below. All provisions that are not so amended or supplemented remain in full force and effect.

The terms used in these Supplementary Conditions will have the meanings indicated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings indicated below, which are applicable to both the singular and plural thereof.

SC-4.01 Change Paragraph A:

A. Payment bond is not required.

SC-4.02 Add the following new paragraphs immediately after Paragraph 4.02.E:

F. Seller shall purchase and maintain such liability and other insurance as is appropriate for the furnishing of Goods and Special Services and as will provide protection from claims set forth below which may arise out of or result from Seller's furnishing of the Goods or Special Services and Seller's other obligations under the Contract Documents, whether the furnishing of Goods and Special Services or other obligations are to be performed by Seller, any subcontractor or supplier, or by anyone directly or indirectly employed by any of them to furnish the Goods and Special Services, or by anyone for whose acts any of them may be liable:

1. Claims under workers' compensation, disability benefits, and other similar employee benefit acts.

2. Claims for damages because of bodily injury, occupational sickness or disease, or death of Seller's employees.

3. Claims for damages because of bodily injury, sickness or disease, or death of any person other than Seller's employees.

4. Claims for damages insured by reasonably available personal injury liability coverage which are sustained: (i) by any person as a result of an offense directly or indirectly related to the employment of such person by Seller, or (ii) by any other person for any other reason.

5. Claims for damages, other than to the Goods, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and

6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.

G. The policies of insurance so required by this Paragraph 4.02 to be purchased and maintained shall:

1. With respect to insurance required by Paragraphs SC-4.02.F.3 through SC-4.02.F.6 inclusive, include as additional insureds (subject to any customary exclusion in respect of professional liability) Buyer, Engineer, their consultants, and [*Here list by name, (not Project role) other persons or entities to be included on policy as additional insureds*] all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of all such additional insureds, and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby;

2. Include at least the specific coverages and be written for not less than the limits of liability provided below or required by Laws or Regulations, whichever is greater.

3. Include completed operations insurance.

4. Include contractual liability insurance covering Seller's indemnity obligations under Paragraphs 5.09 and 12.02.

5. Contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least thirty days prior written notice has been given to Buyer and Seller and to each other additional insured identified in these Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Seller pursuant to Paragraph SC-4.02.I will so provide).

6. Remain in effect at least until final payment and at all times thereafter when Seller may be correcting, removing, or replacing non-conforming Goods in accordance with Paragraph 8.03.

7. With respect to completed operations insurance, and any insurance coverage written on a claims-made basis, remain in effect for at least two years after final payment (and Seller shall furnish Buyer and each other additional insured identified in these Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to Buyer and any such additional insured of continuation of such insurance at final payment and one year thereafter); and

8. With respect to any delegation of professional design services to Seller pursuant to Paragraph 5.10 of the General Conditions, include professional liability coverage by endorsement or otherwise.

H. The limits of liability for the insurance required by Paragraph SC-4.02.F shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:

1. Workers' Compensation, and related coverages under Paragraphs SC-4.02.F.1 and F.2:

a.	State:	Statutory
b.	Applicable Federal (e.g., Longshoreman's):	Statutory
c.	Employer's Liability:	$1,500,000.00

2. Seller's General Liability under Paragraphs SC-4.02.F.3 through F.6 which shall include completed operations and product liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Seller:

a.	General Aggregate	$1,500,000.00
b.	Products - Completed 1) Operations Aggregate	$1,500,000.00
c.	Personal and Advertising 1) Injury	$1,500,000.00
	2) Each Occurrence (Bodily Injury and Property Damage)	$1,500,000.00

d. Property Damage liability insurance will provide Explosion, Collapse, and Underground coverages where applicable.

e. Excess or Umbrella Liability
1) General Aggregate $5,000,000.00
2) Each Occurrence $5,000,000.00

3. Automobile Liability under Paragraph SC-4.02.F.6:

a. Bodily Injury:
1) Each person $15,000.00
2) Each Accident $1,500,000.00

b. Property Damage:
1) Each Accident $1,500,000.00
2) Combined Single Limit of $1,500,000.00

4. Professional Liability (if professional services have been delegated to Seller pursuant to Paragraph 5.10): $1,500,000.00

I. Seller shall deliver to Buyer, with copies to each additional insured identified in these Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Buyer or any other additional insured) which Seller is required to purchase and maintain.

J. If Buyer has any objection to the coverage afforded by or other provisions of the insurance required to be purchased and maintained on the basis of non-conformance with the Contract Documents, Buyer shall notify Seller in writing within 10 days after receipt of the certificates or other evidence required by Paragraph SC-4.02.E. Seller shall provide such additional information in respect to insurance as Buyer shall reasonably request.

SC-5.05 Add the following new paragraph immediately after Paragraph 5.05A:

B. Owner is exempt from payment of sales and local options taxes of the State of Illinois and of cities and counties thereof on all materials to be incorporated into the Work.

SC-5.06 Add the following new paragraphs immediately after Paragraph 5.06.E:

F. Seller shall furnish required submittals with sufficient information and accuracy in order to obtain required approval of an item with no more than three submittals. Engineer will record Engineer's time for reviewing subsequent submittals of Shop Drawings, samples, or other items requiring approval and Seller shall reimburse Buyer for Engineer's charges for such time.

G. In the event that Seller requests a change of a previously approved item, Seller shall reimburse Buyer for Engineer's charges for its review time unless the need for such change is beyond the control of Seller.

Other Provisions

1.01 Liquidated Damages

A. This project is It is hereby fully understood and agreed that time is of the essence in the performance of this contract. For each and every calendar day that elapses after the Contract Completion Date and before the date on which the work covered by such Contract is actually completed, the Contractor shall pay to the Owner as liquidated damages, and not as a penalty, the sum of Five Hundred dollars ($500.00). The total amount so payable by the Contractor as liquidated damages, either may be deducted from any moneys due or payable to the Contractor by the owner or so much thereof as is not so deducted shall be chargeable to and will be payable promptly by such Contractor and his Surety, or either of them, to compensate, at least in part, the Owner for (1) the administration of the work covered by such contract and any other contract or contracts beyond the Contract Completion Date, including the additional expense to the Owner for supervision, inspection, and superintendence; (2) expenditures resulting from the inability of the Owner (and the general public) to use the improvement being constructed from and after the Contract Completion Date until the actual date of completion; (3) other miscellaneous obligations and expenditures incurred by the Owner directly as a result of the failure to complete the Work covered by such Owner directly as a result of the failure to complete the Work covered by such contract on or before the Contract Completion Date; but, said liquidated damages shall not include the cost of litigation that may result from action taken by the Owner against the Contract.

Note: LDs shall be capped at 10% of the total amount.

SECTION 01027

Applications for Payment

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 specification sections, apply to this Section.

1.2 SCHEDULE OF VALUES

A. Coordination: Coordinate preparation of the Schedule of Values with preparation of input to the Construction Schedule.

1. Construction Schedule
2. Application for Payment forms, including Continuation Sheets
3. List of subcontractors
4. List of products
5. List of principal suppliers and fabricators
6. Schedule of submittals
7. Submit the Schedule of Values to the Engineer at the earliest possible date but no later than 7 days before the date scheduled for submittal of the initial Application for Payment.

B. Format and Content: Provide at least one line item for each major schedule activity or for each Specification Section.

1. Identification: Include the following Project identification on the Schedule of Values:
   a. Project name and location
   b. Name of the engineer
   c. Project number

d. Contractor's name and address

e. Date of submittal.

2. Arrange the Schedule of Values in tabular form with separate columns to indicate the following for each item listed:

a. Related Specification Section or Division

b. Description of Work

c. Name of subcontractor

d. Name of manufacturer or fabricator

e. Name of supplier

f. Change Orders (numbers) that affect value

g. Dollar value

h. Percentage of Contract Sum to nearest one-hundredth percent, adjusted to total 100 percent.

3. Provide a breakdown of the Contract Sum in sufficient detail to facilitate continued evaluation of Applications for Payment and progress reports. Coordinate with the Project Manual table of contents. Break principal subcontract amounts down into several line items.

4. Round amounts to nearest whole dollar; the total shall equal the Contract Sum.

5. Provide a separate line item in the Schedule of Values for each part of the Work where Applications for Payment may include materials or equipment, purchased, or fabricated and stored, but not yet installed.

a. Differentiate between items stored on-site and items stored off-site. Include requirements for insurance and bonded warehousing, if required.

6. Schedule Updating: Update and resubmit the Schedule of Values prior to the next Application for Payment when Change Orders or Construction Change Directives result in a change in the Contract Sum.

1.3 APPLICATIONS FOR PAYMENT

A. Each Application for Payment shall be consistent with previous applications and payments as certified by the Engineer and paid for by the Owner.

1. The initial Application for Payment, the Application for Payment at time of Substantial Completion, and the final Application for Payment involve additional requirements.

B. Payment-Application Times: The date for each progress payment is open to the contractor's discretion, keeping in mind that city councils typically meet bi-monthly. The period covered by each Application for Payment starts on the day following the end of the preceding period and ends upon completion of a minimum additional 15% of the project.

C. Payment-Application Forms: Use AIA Document G702 and Continuation Sheets G703 as the form for Applications for Payment.

D. Application Preparation: Complete every entry on the form. Include notarization and execution by a person authorized to sign legal documents on behalf of the Contractor. The Engineer will return incomplete applications without action.

1. Entries shall match data on the Schedule of Values and the Contractor's Construction Schedule. Use updated schedules if revisions were made.

2. Include amounts of Change Orders and Construction Change Directives issued prior to the last day of the construction period covered by the application.

E. Transmittal: Submit two signed and notarized original copies of each Application for Payment to the Engineer by a method ensuring receipt within 24 hours. One copy shall be complete, including waivers of lien and similar attachments, when required.

F. Waivers of Mechanics Lien: With each Application for Payment, submit waivers of mechanics liens from subcontractors, sub-subcontractors and suppliers for the construction period covered by the previous application.

1. Submit partial waivers on each item for the amount requested, prior to deduction for retention, on each item.

2. When an application shows completion of an item, submit final or full waivers.

3. The Owner reserves the right to designate which entities involved in the Work must submit waivers.

4. Waiver Forms: Submit waivers of lien on forms and executed in a manner acceptable to the Owner.

G. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of the first Application for Payment include the following:

1. List of subcontractors

2. List of principal supplier and fabricators

3. Schedule of Values

4. Schedule of principal products

5. List of Contractor's principal consultants

6. Copies of building permits

7. Copies of authorizations and licenses from governing authorities for performance of the Work

8. Initial progress report

9. Certificates of insurance and insurance policies

10. Performance and payment bonds, if required

11. Data needed to acquire the Owner's insurance.

H. Application for Payment at Substantial Completion: Following issuance of the Certificate of Substantial Completion, submit an Application for Payment.

1. This application shall reflect Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work.

2. Administrative actions and submittals that shall precede or coincide with this application include:

a. Occupancy permits and similar approvals

b. Warranties (guarantees) and maintenance agreements

c. Maintenance instructions

d. Startup performance reports

e. Changeover information related to Owner's occupancy, use, operation, and maintenance

f. Final cleaning

g. Application for reduction of retention and consent of surety.

h. Advice on shifting insurance coverage

i. List of incomplete Work, recognized as exceptions to Engineer's Certificate of Substantial Completion.

l. Final Payment Application: Administrative actions and submittals that must precede or coincide with submittal of the final Application for Payment include the following:

1. Completion of Project closeout requirements

2. Completion of items specified for completion after Substantial Completion

3. Assurance that unsettled claims will be settled

4. Assurance that incomplete Work is not accepted and will be completed without undue delay

5. Transmittal of required Project construction records to the Owner

6. Proof that taxes, fees, and similar obligations were paid

7. Removal of temporary facilities and services

8. Removal of surplus materials, rubbish, and similar elements.

PART 2 – PRODUCTS ***Not Used***

PART 3 – EXECUTION ***Not Used***

END OF SECTION

SECTION 01340

Shop Drawings, Product Data and Samples

PART 1 – GENERAL

1.1 REQUIREMENTS INCLUDE

A. Contractor shall make submittals to Engineer.

B. Contractor:

1. Verify field dimensions
2. Verify compliance with Contract requirements
3. Certify review
4. Transmit reviewed submittals to Engineer.

1.2 DEFINITIONS

A. Shop Drawings: Shop drawings are original drawings prepared by Contractor, subcontractor, sub-subcontractor, supplier or distributor, which illustrate some portion of the work, showing fabrication, layout, setting or erection details.

1. Prepared by qualified detailer
2. Identify details by reference to sheet and detail numbers shown on contract drawings
3. Drawn at scale of 3 inches per foot or larger
4. Maximum sheet size: 24" x 36"
5. Reprints of Engineer's drawings are not acceptable for shop drawings.

B. Product Data:

1. Manufacturer's standard schematic drawings edited to fit this project.

2. Manufacturer's catalog sheets, brochures, diagrams, schedules, performance charts, illustrations, and other standard descriptive data.

3.

a. Clearly mark each copy to identify pertinent materials, products or models.

b. Show wiring diagrams and controls.

c. Show performance characteristics and capacities.

C. Samples: Physical samples to illustrate materials, equipment or workmanship. Approved samples establish standards by which complete work is judged. Maintain at site as directed. Protect until no longer needed.

1. Office samples: Of sufficient size to clearly illustrate:

a. Functional characteristics of product or material.

b. Full range of color samples.

c. After review, samples may be used on construction of project.

2. Field samples and mock-ups:

a. Erect at project site at location approved by Contractor and Owner.

b. Construct each sample or mock-up complete, including work of all crafts required in finished work.

c. Remove as directed.

1.3 SPECIFIED PRODUCT LIST AND SAMPLES

A. Submit to Engineer within 20 business days after Notice to Proceed date, a list of product manufacturers and full range of color samples for each manufacturer, and full range of color samples for each manufacturer's product proposed for installation. No colors will be selected prior to submittal of all products requiring a color selection.

B. Tabulate list of each specification section.

C. For products specified under reference standards, include with listing of each products:

1. Name and address of manufacturer
2. Trade name
3. Model or catalog number
4. Manufacturer's data
    a. Performance and test data
    b. Reference standards.

D. Subcontractors' names shall be included in list and must coincide with approved subcontractor list.

1.4 CONTRACTOR RESPONSIBILITIES

A. Contractor shall review and stamp all shop drawings, product data and samples prior to submission. Failure to follow any or all established procedures set forth shall result in submittals being returned without review, at Contractor's expense.

B. Contractor shall verify:

1. Field measurements
2. Field construction criteria
3. Catalog numbers and similar data.

C. Contractor shall coordinate each submittal with requirements of work and contract documents.

D. Contractor's responsibility for errors and omissions shall not be relieved by Engineer's review of submittal.

E. Contractor's responsibility for deviations in submittals from requirements of contract documents shall not be relieved by Engineer's review unless written acceptance by Engineer of specific deviations is issued.

F. Contractor shall notify Engineer in writing at time of submission of deviations within submittal from requirements of contract documents.

G. Contractor shall begin no work that requires shop drawings or product data submittals until return of submittals bearing Engineer's or professional consultant's stamp and initials or signature.

H. After Engineer's review, distribute shop drawings and/or product data to appropriate suppliers and subcontractors.

1.5 SUBMISSION REQUIREMENTS

A. **A completed cover sheet provided at the end of this section shall accompany each individual submittal.**

B. All submittals shall include:

1. Date and revision dates
2. Project title and number
3. Names of:
   a. Engineer
   b. Subcontractor
   c. Sub-subcontractor
   d. Supplier
   e. Manufacturer
   f. Separate detailer when pertinent.
4. Identification of product or material
5. Relation to adjacent structure or material
6. Field dimensions clearly identified as such
7. Specification section and page number, one specification section per submittal
8. Specified standards, such as ASTM number of ANSI
9. Identification of previously approved deviations from contract documents

10. Engineer will not review submittals unless cover sheet is attached to each individual submittal, signed and stamped by the Contractor.

C. Allow adequate space on submittal cover sheet for Engineer to affix his stamp.

1.6 RESUBMISSION REQUIREMENTS

A. Shop Drawings:

1. Contractor shall revise initial drawings as required and resubmit as specified for initial submission.

2. Contractor shall indicate on drawings any changes, which may have been made, other than those required by Engineer.

B. Product Data and Samples:

1. Submit new data and samples as required for initial submission.

C. Make all resubmittals within 15 days after Engineer's previous review.

1.7 DISTRIBUTION OF SUBMITTALS AFTER REVIEW

A. Distribute copies of shop drawings and product data bearing Engineer's or professional consultant's stamp to:

1. Contractor

2. Project site file

3. Other concerned subcontractors

4. Supplier/fabricator.

B. Contractor shall distribute samples as directed.

1.8 ENGINEER'S REVIEW

A. Engineer will review all submittals with reasonable promptness.

B. Engineer will review for:

1. Conformance with design concept of project.

2. Information contained in contract documents.

C. Engineer's review of a separate item does not constitute review of an assembly within which item functions.

D. Engineer's or professional consultant's stamp, initials or signature certifying to review of submittal will be affixed.

E. Engineer will return submittals to contractor for distribution.

PART 2 - PRODUCTS ***Not Used***

PART 3 - EXECUTION ***Not Used***

END OF SECTION

SHOP DRAWING SUBMITTAL

Date: _____

PROJECT: _____
_____
_____
_____

BHMG Project No: _____

Contractor: _____
_____
_____
_____

Presented By: _____
Company Name

_____
Address

_____
Phone/Fax

_____
Contact Person

_____
E-Mail Address

Item: _____

Spec Section: _____

By approving and submitting these shop drawings, product data and samples, we represent that we have determined and verified all materials, field measurements and field construction criteria related thereto, or will do so, and that we have checked and coordinated information contained within submittal with requirements of the work and contract documents.

_____
Contractor's Signature

_____
Date

SECTION 01450

Quality Control

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Quality Assurance – Control of Installation

B. Welding

C. Tolerances

D. References.

1.2 QUALITY ASSURANCE – CONTROL OF INSTALLATION

A. Monitor quality control over suppliers, manufacturers, products, services, site conditions and workmanship, to produce work of specified quality.

B. Comply fully with manufacturer's instructions, including each step in sequence.

C. Should manufacturer's instructions conflict with Contract Documents, request clarification from Engineer before proceeding.

D. Comply with specified standards as a minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.

E. Perform work by persons qualified to produce workmanship of specified quality.

F. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion or disfigurement.

G. The Contractor is the quality control inspector for the project. The Contractor shall review the work and verify that it is in conformance with the contract documents. Any work found not to be in conformance shall be corrected by the Contractor, so that it does conform. As a minimum, the Contractor shall reply within seven days of the discovery of work found not to be in conformance with the contract documents, with a written plan of the corrective action required to bring this work into conformance.

H. The Engineer and the Owner will make periodic inspections to verify quality control measures.

1.3 WELDING

A. Welding Requirements

1. Welding shall be performed by qualified welding operators using procedures qualified in accordance with specified applicable codes and standards.

B. Procedure Qualification

1. Contractor, subcontractor, or fabricator performing welding under jurisdiction of referenced codes shall be responsible for obtaining and qualifying welding procedures. Structural welding procedures that conform to AWS D1.1 are prequalified as defined in AWS D1.1.
2. Contractor shall keep and maintain records and make available to Engineer, if requested, certifying procedure qualification tests have been completed successfully.

C. Welding Certificates

1. After Notice of Award, submit to Engineer, if requested, one copy for each person assigned to do field welding of materials installed for this project.

2. Show on certificates that each person has passed tests specified by AWS.

3. Submit certificates prior to execution of any welding. Certificates are not required for nonstructural tack welding.

D. Performance Qualification

1. Contractor, subcontractor, or fabricator performing welding under jurisdiction of referenced codes shall be responsible for testing and qualifying welding operators in accordance with applicable procedures.

2. Unless welding operators have been qualified previously by Contractor (within past six months) and have been continuously employed as welders by Contractor following qualification, requalification tests must be completed.

3. Engineer reserves the right to require any welder to retake tests

when, in the opinion of Engineer, work of welder creates reasonable doubt as to welder's proficiency. Engineer may witness any required retesting. Tests shall be at no expense to Owner.

1.4 TOLERANCES

A. Monitor tolerance control of installed products to produce acceptable work. Do not permit tolerances to accumulate.

B. Comply with manufacturer's tolerances. Should manufacturer's tolerances conflict with Contract Documents, request clarification from Engineer before proceeding.

C. Adjust products to appropriate dimensions; position before securing products in place.

1.5 REFERENCES

A. For products or workmanship specified by association, trade, or other consensus standards, comply with the requirements of the standard, except where more rigid requirements are specified or are required by applicable codes.

B. Conform to reference standard by date of issue current on date of Contract Documents, except where a specified date is established by code.

C. Obtain copies of standards when required by product specification sections.

D. The contractual relationship, duties, and responsibilities of the parties in Contract and those of the Engineer shall not be altered from the Contract Documents by mention or interference otherwise in any reference document.

PART 2 – PRODUCT *Not Used*

PART 3 – EXECUTION *Not Used*

END OF SECTION

SECTION 01610

Product Requirements

PART 1 – GENERAL

1.1 SECTION INCLUDES

A. Products

B. Transportation and Handling

C. Storage and Protection

D. Product Selection

E. Product Options.

1.2 PRODUCTS

A. "Products" means: new material, machinery, components, equipment, fixtures, and systems forming the work. Does not include machinery and equipment used for preparation, fabrication, conveying and erection of the work. Products may also include existing materials or components required for reuse.

B. Do not use materials and equipment removed from existing premises, except as specifically permitted by the Contract documents.

C. Provide interchangeable components of the same manufacturer for components being replaced.

1.3 TRANSPORTATION AND HANDLING

A. Transport and handle products in accordance with manufacturer's instructions.

B. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.

C. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.

1.4 STORAGE AND PROTECTION

A. Store and protect products in accordance with manufacturer's instructions with seals and labels intact and legible.

B. Store sensitive products in weather-tight, climate-controlled enclosures.

C. Fabricated products requiring exterior storage shall be placed on sloped supports, above ground.

D. Provide bonded, off-site storage and protection when site does not permit on-site storage or protection.

E. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to avoid condensation or potential degradation of product.

F. Store loose granular materials on solid flat surfaces in a well-drained area. Prevent mixing with foreign matter.

G. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.

H. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

1.5 PRODUCT SELECTION

A. Provide products that comply with the requirements of the Contract Documents, that are undamaged and, unless otherwise noted, unused at the time of installation.

B. Provide products complete with accessories, trim, finish, safety guards and other devices and details needed for the installation and for the intended use and effect.

C. Standard Products: Provide standard products of types that have been produced and used successfully in similar conditions on other projects.

D. Proprietary Specification Requirements: Where only a single product or manufacturer is named, or where "No Substitution" is indicated, provide the product indicated. No substitutions will be permitted.

E. Semi-Proprietary Specification Requirements: Where two or more products or manufacturers are named, provide one of the products indicated. No substitutions will be permitted.

F. Where products are specified by name, accompanied by the term "or approved equivalent," comply with provisions for "substitutions" to obtain approval for use of an unnamed product.

G. Descriptive Specification Requirements: Where specifications describe a product, listing characteristics required without use of a brand name, furnish a product that provides the characteristics and otherwise complies with requirements.

H. Performance Specification Requirements: Where specifications stipulate compliance with performance requirements, provide products that comply and are recommended for the application. Manufacturer's recommendations may be contained in product literature, or by certification of performance.

I. Visual Selection: Where requirements include the phrase "as selected from manufacturer's standard colors, patterns, textures" or a similar phrase, provide a product that complies with designated requirements. The Engineer will select color, pattern, and texture from the approved product line.

J. Compliance with Standards: Where specifications require compliance with a standard, select a product that complies with the standard specified.

K. Visual Matching: Where specifications require matching a sample, the Engineer's decision on whether a proposed product matches will be final. Where no product matches and complies with other requirements, comply with provisions for "Product Substitutions" for selection of a matching product in another category.

1.6 PRODUCT OPTIONS

A. Products Specified by Reference Standards or by Description Only: Any product meeting those standards or description.

B. Products Specified by Naming One or More Manufacturers: Products of manufacturers named and meeting specifications, no options or substitutions allowed.

PART 2 - PRODUCTS ***Not Used***

PART 3 – EXECUTION ***Not Used***

END OF SECTION

SECTION 01700

Contract Closeout

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.2 SUMMARY

A. This section includes administrative and procedural requirements for contract closeout including, but not limited to, the following:

1. Inspection procedures
2. Project record document submittal
3. Operation and maintenance manual submittal
4. Submittal of warranties
5. Final cleaning.

B. Closeout requirements for specific construction activities are included in the appropriate sections.

1.3 SUBSTANTIAL COMPLETION

A. Preliminary Procedures: Before requesting inspection for certification of Substantial Completion, complete the following. List exceptions in the request.

1. If 100 percent completion cannot be shown, include a list of incomplete items, the value of incomplete construction, and reasons the work is not complete.
2. Submit specific warranties, workmanship bonds, maintenance agreements, final certifications, and similar documents.

1.4 FINAL ACCEPTANCE

A. Preliminary Procedures: Before requesting final inspection for certification of final acceptance and final payment, complete the following. List exceptions in the request.

1. Submit the final payment request with releases and supporting documentation not previously submitted and accepted. Include insurance certificates for products and completed operations where required.

2. Submit an updated final statement, accounting for final additional changes to the Contract Sum.

3. Submit a certified copy of the Engineer's final inspection list of items to be completed or corrected, endorsed and dated by the Engineer. The certified copy of the list shall state that each item has been completed or otherwise resolved for acceptance and shall be endorsed and dated by the Engineer.

4. Submit consent of surety to final payment.

5. Submit evidence of final, continuing insurance coverage complying with insurance requirements.

B. Re-inspection Procedure: The Engineer will reinspect the work upon receipt of notice that the work, including inspection list items from earlier inspections, has been completed, except for items whose completion is delayed under circumstances acceptable to the Engineer.

1. Upon completion of reinspection, the Engineer will prepare a certificate of final acceptance. If the work is incomplete, the Engineer will advise the Contractor of work that is incomplete or of obligations that have not been fulfilled but are required for final acceptance.

1.5 RECORD DOCUMENT SUBMITTALS

A. General: Do not use record documents for construction purposes. Protect record documents from deterioration and loss in a secure, fire-resistant location. Provide access to record documents for the Engineer's reference during normal working hours.

B. Record Drawings: Maintain a clean, undamaged set of blue or black line white prints of Contract Drawings and Shop Drawings. Mark the set to show the actual installation where the installation varies substantially from the work as originally shown. Mark which drawing is most capable of showing

conditions fully and accurately. Where Shop Drawings are used, record a cross-reference at the corresponding location on the Contract Drawings. Give particular attention to concealed elements that would be difficult to measure and record at a later date.

1. Mark record sets with red erasable pencil. Use other colors to distinguish between variations in separate categories of the Work.

2. Mark new information that is important to the Owner but was not shown on Contract Drawings or Shop Drawings.

C. Maintenance Manuals: Organize operation and maintenance data into suitable sets of manageable size. Bind properly indexed data in individual, heavy-duty, 2-inch (51-mm) 3-ring, vinyl-covered binders, with pocket folders for folded sheet information. Mark appropriate identification on front and spine of each binder. Include the following types of information:

1. Emergency instructions

2. Spare parts list

3. Copies of warranties

4. Wiring diagrams

5. Recommended "turn-around" cycles

6. Inspection and adjustment procedures

7. Shop Drawings and Product Data.

PART 2 – PRODUCTS *Not Used*

PART 3 – EXECUTION

3.1 CLOSEOUT PROCEDURES

A. Operation and Maintenance Instructions: Arrange for each Installer of equipment that requires regular maintenance to meet with the Owner's personnel to provide instruction in proper operation and maintenance. Provide instruction by manufacturer's representatives if installers are not experienced in operation and maintenance procedures. Include a detailed review of the following items:

1. Maintenance manuals
2. Record documents
3. Spare parts and materials
4. Identification systems
5. Control sequences
6. Warranties and bonds.

B. As part of instruction for operating equipment, demonstrate the following procedures:

1. Startup
2. Shutdown
3. Emergency operations.

3.2 FINAL CLEANING

A. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to the condition expected in a normal, commercial building cleaning and maintenance program. Comply with manufacturer's instructions.

1. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion.

a. Remove labels that are not permanent labels.

b. Wipe surfaces of mechanical and electrical equipment. Remove excess lubrication and other substances. Clean plumbing fixtures to a sanitary condition. Clean light fixtures and lamps.

c. Clean the site of rubbish, litter and other foreign substances. Sweep paved areas broom clean; remove stains, spills, and other foreign deposits.

B. Removal of Protection: Remove temporary protection and facilities installed for protection of the work during construction.

C. Compliance: Comply with regulations of authorities having jurisdiction and safety standards for cleaning. Do not burn waste materials. Do not bury debris or excess materials on the Owner's property. Do not discharge volatile, harmful, or dangerous materials into drainage systems. Remove waste materials from the site and dispose of lawfully.

1. Where extra materials of value remain after completion of associated work, they become the Owner's property. Dispose of these materials as directed by the Owner.

END OF SECTION

1 - Itemized Proposal

Ritchie to Centerpoint Engineered Poles

Str #	Lenght (Ft)	Framing	Qty	Unith Weight (Lb)	Unit Price	Extended Price
14	60	TS-5G-ENG	1	16,627	$ 46,199.00	$ 46,199.00
18	65	TS-69DE-UG-ENG	1	15,314	$ 48,525.00	$ 48,525.00
1, 8	70	TS-69DE-UG-ENG	2	16,461	$ 51,142.00	$ 102,284.00
7	70	TS-69DE-UG-ENG	1	16,659	$ 52,340.00	$ 52,340.00
19	75	TS-69DE-UG-ENG	1	18,361	$ 57,649.00	$ 57,649.00
20	80	TS-5G-ENG	1	33,464	$ 97,573.00	$ 97,573.00
45	80	TS-5G-ENG	1	30,450	$ 83,420.00	$ 83,420.00
25	80	TS-4G-1-MOD-ENG	1	15,450	$ 42,436.00	$ 42,436.00
33	80	TS-5GA-ENG	1	21,195	$ 60,194.00	$ 60,194.00
35	80	TS-69DE-UG-ENG	1	19,825	$ 61,363.00	$ 61,363.00
36	80	TS-69DE-UG-ENG	1	19,825	$ 61,363.00	$ 61,363.00
51	80	TS-5GG-MOD-ENG	1	20,447	$ 56,899.00	$ 56,899.00
21, 22, 24	85	TBP-69GB-ENG-DDA	3	12,300	$ 35,548.00	$ 106,644.00
26	85	TS-4G-ENG	1	12,191	$ 34,478.00	$ 34,478.00

Centerpoint to Twombly Engineered Poles

Str #	Lenght (Ft)	Framing	Qty	Unith Weight (Lb)	Unit Price	Extended Price
1	80	TS-5GG-MOD-ENG	1	20,663	$ 57,976.00	$ 57,976.00
					Engineered Poles Total	$ 969,343.00

Ritchie to Centerpoint Standard Class Poles

Str #	Lenght (Ft)	Class	Framing	Qty	Unith Weight (Lb)	Unit Price	Extended Price
13	75	H2	TBP-69GB-STL	1	2,886	$ 8,998.00	$ 8,998.00
TP-51	75	H2	TS-RISER-STL	1	2,834	$ 10,007.00	$ 10,007.00
2, 3, 12	75	H3	TBP-69GB-STL	3	3,051	$ 9,317.00	$ 27,951.00
15	80	H1	TBP-69GB-STL	1	2,880	$ 9,153.00	$ 9,153.00
4, 5	80	H3	TBP-69GB-STL	2	3,306	$ 10,045.00	$ 20,090.00
6	80	H3	TBP-69G-STL	1	3,306	$ 10,145.00	$ 10,145.00
11	85	H3	TBP-69GB-STL	1	3,563	$ 10,935.00	$ 10,935.00
9	85	H7	TBP-69GB-STL	1	4,818	$ 13,881.00	$ 13,881.00
50	90	H3	TBP-69GB-STL	1	3,843	$ 11,581.00	$ 11,581.00
17	90	H7	TBP-69GB-STL	1	5,180	$ 14,969.00	$ 14,969.00
16	90	H8	TBP-69GB-STL	1	5,528	$ 15,849.00	$ 15,849.00
10	90	H9	TBP-69GB-STL	1	6,136	$ 16,836.00	$ 16,836.00
52	95	H1	TM-3V-VERT-STL	1	4,040	$ 14,164.00	$ 14,164.00
46, 47, 48, 49	95	H4	TBP-69GB-STL	4	4,454	$ 13,173.00	$ 52,692.00
34	100	H5	TBP-69G-STL	1	5,412	$ 15,552.00	$ 15,552.00
37, 38, 39, 40, 41, 42, 43, 44	105	H4	TBP-69G-STL	8	5,298	$ 15,271.00	$ 122,168.00
28, 29, 30, 31, 32	105	H5	TBP-69G-STL	5	5,964	$ 16,637.00	$ 83,185.00
23	105	H7	TBP-69GB-STL	1	6,630	$ 18,734.00	$ 18,734.00
27	110	H6	TBP-69G-STL	1	6,763	$ 19,006.00	$ 19,006.00

Centerpoint to Twombly Standard Class Poles

Str #	Lenght (Ft)	Class	Framing	Qty	Unith Weight (Lb)	Unit Price	Extended Price
TP-1	75	H2	TS-RISER-STL	1	2834	$ 10,007.00	$ 10,007.00
						Standard Poles Total	$ 505,903.00
						TOTAL BID	**$ 1,475,246.00**

TAPP

QUALITY STEEL POLES. DELIVERED.

2427 Kelly Lane. Houston, TX 77066
www.tappinc.com
Phone: +1 (281) 444-8277
Fax: +1 (281) 444-7270

Customer	Rochelle Municipal Utilities	Submittal Date	2025/11/12
Freight Terms	FOB | : | Rochelle, IL 61068	Leadtime	Structures: 62 to 63 weeks
Quote	25-2577	Payment Terms	ZC02 - Credit NET 15 days
Project Name	Ritchie to Centerpoint 34.5kV Line	Valid until	2025/11/27

Item	Qty	Description	Unit Wt (lb)	Unit Price (USD)	Total Wt (lb)	Total Price (USD)
1	3	Eng | TBP-69GB-ENG-DDA | Oal 85 Ft	12,300.00	$ 35,548.00	36,900.00	$ 106,644.00
2	1	Eng | TS-4G-ENG | Oal 85 Ft	12,191.00	$ 34,478.00	12,191.00	$ 34,478.00
3	1	Eng | TS-4G-1-MOD-ENG | Oal 80 Ft	15,450.00	$ 42,436.00	15,450.00	$ 42,436.00
4	2	Eng | TS-69DE-UG-ENG | Oal 70 Ft	16,461.00	$ 51,142.00	32,922.00	$ 102,284.00
5	1	Eng | TS-69DE-UG-ENG | Oal 75 Ft	18,361.00	$ 57,649.00	18,361.00	$ 57,649.00
6	1	Eng | TS-69DE-UG-ENG | Oal 65 Ft	15,314.00	$ 48,525.00	15,314.00	$ 48,525.00
7	1	Eng | TS-69DE-UG-ENG | Oal 70 Ft	16,659.00	$ 52,340.00	16,659.00	$ 52,340.00
8	1	Eng | TS-69DE-UG-ENG | Oal 80 Ft	19,825.00	$ 61,363.00	19,825.00	$ 61,363.00
9	1	Eng | TS-69DE-UG-ENG | Oal 80 Ft	19,825.00	$ 61,363.00	19,825.00	$ 61,363.00
10	1	Eng | TS-5G-ENG | Oal 60 Ft	16,627.00	$ 46,199.00	16,627.00	$ 46,199.00
11	1	Eng | TS-5G-ENG | Oal 80 Ft	33,464.00	$ 97,573.00	33,464.00	$ 97,573.00
12	1	Eng | TS-5G-ENG | Oal 80 Ft	30,450.00	$ 83,420.00	30,450.00	$ 83,420.00
13	1	Eng | TS-5GA-ENG | Oal 80 Ft	21,195.00	$ 60,194.00	21,195.00	$ 60,194.00
14	1	Eng | TS-5GG-MOD-ENG | Oal 80 Ft	20,447.00	$ 56,899.00	20,447.00	$ 56,899.00
15	1	Eng | TS-5GG-MOD-ENG | Oal 80 Ft	20,663.00	$ 57,976.00	20,663.00	$ 57,976.00
16	1	Class Pole | H2-75 | TBP-69GB-STL | Oal 75 Ft | Emb 10.5 Ft	2,886.00	$ 8,998.00	2,886.00	$ 8,998.00
17	2	Class Pole | H2-75 | TS-RISER-STL | Oal 75 Ft | Emb 15 Ft	2,834.00	$ 10,007.00	5,668.00	$ 20,014.00
18	3	Class Pole | H3-75 | TBP-69GB-STL | Oal 75 Ft | Emb 10.5 Ft	3,051.00	$ 9,317.00	9,153.00	$ 27,951.00
19	1	Class Pole | H1-80 | TBP-69GB-STL | Oal 80 Ft | Emb 13 Ft	2,880.00	$ 9,153.00	2,880.00	$ 9,153.00
20	2	Class Pole | H3-80 | TBP-69GB-STL | Oal 80 Ft | Emb 11 Ft	3,306.00	$ 10,045.00	6,612.00	$ 20,090.00
21	1	Class Pole | H3-80 | TBP-69G-STL | Oal 80 Ft | Emb 11 Ft	3,306.00	$ 10,145.00	3,306.00	$ 10,145.00
22	1	Class Pole | H3-85 | TBP-69GB-STL | Oal 85 Ft | Emb 14.5 Ft	3,563.00	$ 10,935.00	3,563.00	$ 10,935.00
23	1	Class Pole | H7-85 | TBP-69GB-STL | Oal 85 Ft | Emb 16 Ft	4,818.00	$ 13,881.00	4,818.00	$ 13,881.00
24	1	Class Pole | H3-90 | TBP-69GB-STL | Oal 90 Ft | Emb 12 Ft	3,843.00	$ 11,581.00	3,843.00	$ 11,581.00
25	1	Class Pole | H7-90 | TBP-69GB-STL | Oal 90 Ft | Emb 21 Ft	5,180.00	$ 14,969.00	5,180.00	$ 14,969.00
26	1	Class Pole | H8-90 | TBP-69GB-STL | Oal 90 Ft | Emb 21 Ft	5,528.00	$ 15,849.00	5,528.00	$ 15,849.00
27	1	Class Pole | H9-90 | TBP-69GB-STL | Oal 90 Ft | Emb 16.5 Ft	6,136.00	$ 16,836.00	6,136.00	$ 16,836.00
28	1	Class Pole | H1-95 | TM-3V-VERT-STL | Oal 95 Ft | Emb 12.5 Ft	4,040.00	$ 14,164.00	4,040.00	$ 14,164.00
29	4	Class Pole | H4-95 | TBP-69GB-STL | Oal 95 Ft | Emb 17 Ft	4,454.00	$ 13,173.00	17,816.00	$ 52,692.00
30	1	Class Pole | H5-100 | TBP-69G-STL | Oal 100 Ft | Emb 17.5 Ft	5,412.00	$ 15,552.00	5,412.00	$ 15,552.00
31	8	Class Pole | H4-105 | TBP-69G-STL | Oal 105 Ft | Emb 18 Ft	5,298.00	$ 15,271.00	42,384.00	$ 122,168.00
32	5	Class Pole | H5-105 | TBP-69G-STL | Oal 105 Ft | Emb 18 Ft	5,964.00	$ 16,637.00	29,820.00	$ 83,185.00
33	1	Class Pole | H7-105 | TBP-69GB-STL | Oal 105 Ft | Emb 22.5 Ft	6,630.00	$ 18,734.00	6,630.00	$ 18,734.00
34	1	Class Pole | H6-110 | TBP-69G-STL | Oal 110 Ft | Emb 18.5 Ft	6,763.00	$ 19,006.00	6,763.00	$ 19,006.00
				TOTAL ORDER	502,731.00	$ 1,475,246.00

INCLUDED

Material of coil and plate for the structures is A572.
Anchor Bolts, shipping assembled. (Items 1-15)
Ground Sleeves 3ft x 3/16in thk. (Items 16-34)
Polyurethane Coating 20 mils thick & UV, applied 1.5 ft. above ground line to butt plate of pole.
Conductor Arms, attachments and detailing.
Minimum of 10 thru holes, pattern TBD; Thru pipes/thru sleeves for thru holes.
Step Clips and their bolts as specified.
Grounding provisions and name plates.
Touch up kit; PE STAMP (Items 1-15); Plastic Plugs.

NOT INCLUDED

Interchangeable Sections; Jacking device; Hardware A354, A449; full scale test
Lifting Vangs.
Any additional government tariffs, TAPP is closely monitoring the situation.
Delivery terms: Sequential, Off-Loading, drop at stake, storage, ROW, special loading requirements.

TAPP PROPOSAL NOTES

Galvanized finish per ASTM-123.
Legal truck load cost is estimated at (16) trucks with a price of $4,500 each. Quantity and price shall be updated at time of shipping.
Embedment as specified. (Items 16-34)
Proposal is based on preliminary designs provided in this quotation, if any change occurs it will result in a fair adjustment to the price.
TAPP proposes that we may request price escalation/de-escalation per index of the quoted base price.

TAPP STANDARD NOTES

1. All of our products carry a one (1) year warranty from the Delivery date. Warranty covers only manufacturing defects. At TAPP's discretion, parts may be repaired or replaced.
2. This proposal is valid for all information, designs and weights listed within the proposal; and the provided engineering calculations part of this package referencing dimensions of the material quoted.
3. Please consult your sales representative concerning changes initiated or requested by the customer as they may affect the leadtime and price. A Change Order form signed by customer may be required.
4. Changes to the designs after issuing of PO, will null and void the proposed schedule (leadtime) and may affect price. TAPP and its representative are not responsible for delays caused by such changes.
5. If changes are due to errors and/or misinterpretation by TAPP, every effort will be taken not to affect original delivery schedule.
6. Anchor Bolts (AB) will be invoiced separately from poles upon delivery. AB drawings will start being available for review 2 weeks ARO, delivery start of AB is estimated to be 20 weeks after AB drawing approval.
7. Design Calculations submitted at time of quotation are assumed to be approved in full unless noted at time of purchase. Changes requested after issue of purchase order, will null and void the proposed schedule.
8. Drawings: Approval Drawings will start being provided for review 12 weeks after engineering calculations approval and allow 1 week for approval.
9. Fabrication lead time: is estimated to be 50 weeks after receipt of approved drawings. Lead time for Structures to start being delivered ARO is estimated to be : 62 to 63 weeks
10. TAPP and its representatives are not responsible for unloading or delivery of product to the Right-of-Way.
11. This quotation is valid until 2025/11/27
12. Sales tax not included in price.
13. Embedment depths shall be verified by the owner based on the existing site conditions and soil analysis
14. All balance not paid as per payment terms will be subject to an interest rate of 1.5% per month.

02 - Pole Data Summary Table

Ritchie to Centerpoint Engineered Poles

Structure #	Structure Type	Structure Description	Structure Drawing Number	Total Pole Length (ft)	Standard Class or Engineered	Line Angle[1]	Quantity	Finish	Foundation Type	Embedment (ft)	Vang Strength 16.5K	Vang Strength 33K	Joint Type
1	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	70	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
7	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	70	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
8	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	70	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
14	TS-5G-ENG	Corner Deadend On Drilled Pier	2200-TS-5G-ENG	60	Engineered	88.2361	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
18	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	65	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
19	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	75	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
20	TS-5G-ENG	Corner Deadend On Drilled Pier	2200-TS-5G-ENG	80	Engineered	-82.6872	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
21	TBP-69GB-ENG-DDA	Vertical Braced Post Tangent/Light Angle On Drilled Pier With Double Davit Arms	2200-TBP-69GB-ENG-DDA	85	Engineered	8.7218	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
22	TBP-69GB-ENG-DDA	Vertical Braced Post Tangent/Light Angle On Drilled Pier With Double Davit Arms	2200-TBP-69GB-ENG-DDA	85	Engineered	12.5238	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
24	TBP-69GB-ENG-DDA	Vertical Braced Post Tangent/Light Angle On Drilled Pier With Double Davit Arms	2200-TBP-69GB-ENG-DDA	85	Engineered	4.752	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
25	TS-4G-1-MOD-ENG	Modified I-String Running Angle On Drilled Pier	2200-TS-4G-1-MOD-ENG	80	Engineered	42.4307	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
26	TS-4G-ENG	I-String Running Angle On Drilled Pier	2200-TS-4G-ENG	85	Engineered	18.3034	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
33	TS-5GA-ENG	Large Angle Deadend On Drilled Pier	2200-TS-5GA-ENG	80	Engineered	-36.0788	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
35	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	80	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
36	TS-69DE-UG-ENG	In-Line Deadend On Drilled Pier W/ 34.5Kv Termination	2200-TS-69DE-UG-ENG	80	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
45	TS-5G-ENG	Corner Deadend On Drilled Pier	2200-TS-5G-ENG	80	Engineered	89.5162	1	Galvanized	Drilled Pier	-	NOTE 2		Slip
51	TS-5GG-MOD-ENG	3-Way Deadend Tap W/ Modified Spacing On Drilled Pier	2200-TS-5GG-MOD-ENG	80	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip

Centerpoint to Twombly Engineered Poles

Structure #	Structure Type	Structure Description	Structure Drawing Number	Total Pole Length (ft)	Standard Class or Engineered	Line Angle[1]	Quantity	Finish	Foundation Type	Embedment (ft)	Vang Strength 16.5K	Vang Strength 33K	Joint Type
1	TS-5GG-MOD-ENG	3-Way Deadend Tap W/ Modified Spacing On Drilled Pier	2200-TS-5GG-MOD-ENG	80	Engineered	-	1	Galvanized	Drilled Pier	-	NOTE 2		Slip

Ritchie to Centerpoint Standard Class Poles

Structure #	Structure Type	Structure Description	Structure Drawing Number	Total Pole Length (ft)	Standard Class or Engineered	Line Angle[1]	Quantity	Finish	Foundation Type	Embedment (ft)	Vang Strength 16.5K	Vang Strength 33K	Joint Type
2	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	75	H3	-	1	Galvanized	Direct Embedded	10.5	X		Slip
3	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	75	H3	-	1	Galvanized	Direct Embedded	10.5	X		Slip
4	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	80	H3	-	1	Galvanized	Direct Embedded	11.0	X		Slip
5	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	80	H3	-0.2221	1	Galvanized	Direct Embedded	11.0	X		Slip
6	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	80	H3	-	1	Galvanized	Direct Embedded	11.0	X		Slip
9	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	85	H7	3.9015	1	Galvanized	Direct Embedded	11.0	X		Slip
10	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	90	H9	-4.3064	1	Galvanized	Direct Embedded	16.0	X		Slip
11	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	85	H3	-	1	Galvanized	Direct Embedded	16.5	X		Slip
12	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	75	H3	-	1	Galvanized	Direct Embedded	14.5	X		Slip
13	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	75	H2	-	1	Galvanized	Direct Embedded	10.5	X		Slip
15	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	80	H1	0.9641	1	Galvanized	Direct Embedded	10.5	X		Slip
16	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	90	H8	5.9309	1	Galvanized	Direct Embedded	13.0	X		Slip
17	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	90	H7	2.8107	1	Galvanized	Direct Embedded	21.0	X		Slip
23	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	105	H7	1.1157	1	Galvanized	Direct Embedded	21.0	X		Slip
27	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	110	H6	-	1	Galvanized	Direct Embedded	22.5	X		Slip
28	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H5	-	1	Galvanized	Direct Embedded	18.5	X		Slip
29	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H5	-	1	Galvanized	Direct Embedded	18.0	X		Slip
30	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H5	-	1	Galvanized	Direct Embedded	18.0	X		Slip
31	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H5	-	1	Galvanized	Direct Embedded	18.0	X		Slip
32	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H5	-	1	Galvanized	Direct Embedded	18.0	X		Slip
34	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H5	-1.0421	1	Galvanized	Direct Embedded	18.0	X		Slip
37	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	100	H5	-0.9248	1	Galvanized	Direct Embedded	18.0	X		Slip
38	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	17.5	X		Slip
39	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
40	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
41	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
42	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
43	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
44	TBP-69G-STL	Alternating Braced Post Tangent	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
46	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69G-STL	105	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
47	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	95	H4	-	1	Galvanized	Direct Embedded	18.0	X		Slip
48	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	95	H4	-	1	Galvanized	Direct Embedded	17.0	X		Slip
49	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	95	H4	-	1	Galvanized	Direct Embedded	17.0	X		Slip
50	TBP-69GB-STL	Vertical Braced Post Tangent/Light Angle	2200-TBP-69GB-STL	95	H4	-	1	Galvanized	Direct Embedded	17.0	X		Slip
52	TH-3V-VERT-STL	Vertical 69Kv Switch	2200-TH-3V-VERT-STL	95	H1	-	1	Galvanized	Direct Embedded	12.0	X		Slip
TP-51	TS-RISER-STL	In-Line Deadend On Arms W/ 34.5Kv Termination	2200-TS-RISER-STL	75	H2	-	1	Galvanized	Direct Embedded	15.0	X		Flange

Centerpoint to Twombly Standard Class Poles

Structure #	Structure Type	Structure Description	Structure Drawing Number	Total Pole Length (ft)	Standard Class or Engineered	Line Angle[1]	Quantity	Finish	Foundation Type	Embedment (ft)	Vang Strength 16.5K	Vang Strength 33K	Joint Type
TP-1	TS-RISER-STL	In-Line Deadend On Arms W/ 34.5Kv Termination	2200-TS-RISER-STL	75	H2	-	1	Galvanized	Direct Embedded	15.0	X		Slip
						Total:	85						

Notes:
1. A positive line angle represents a right turn while facing ahead span.
2. Vangs to be designed to withstand loads specified on structure drawings.

Ritchie to Centerpoint Underbuild Appurtenances				
Structure #	Structure Types	Distance from Top of Pole (ft)	Flats - Orientation Angle	Notes
16	TBP-69GB-STL	38.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		39.5		
		41	1	NEMA 2 Hole Grounding Pad
		42.5	3-9	1" ID sleeved holes for PUPI crossarm mounting
		43.5		
		45	3	NEMA 2 Hole Grounding Pad
		45	3-9	1" ID sleeved hole for bolt-through assemblies
		45.5	1-7	1" ID sleeved hole for bolt-through assemblies
		50	4-10	1" ID sleeved hole for bolt-through assemblies
17	TBP-69GB-STL	39.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		40.5		
		42	1	NEMA 2 Hole Grounding Pad
		43.5	4-10	1" ID sleeved holes for PUPI crossarm mounting
		44.5		
		46	4	NEMA 2 Hole Grounding Pad
		50	4-10	1" ID sleeved hole for bolt-through assemblies
20	TS-5G-ENG	33	45°-225°	Davit Arm Thru Vang (See Detail 15)
		35	2 & 8	NEMA 2 Hole Grounding Pad
		37	135°-315°	Davit Arm Thru Vang (See Detail 15)
		39	6 & 11	NEMA 2 Hole Grounding Pad
		41	45°-225°	Davit Arm Thru Vang (See Detail 15)
		43	2 & 8	NEMA 2 Hole Grounding Pad
		45	135°-315°	Davit Arm Thru Vang (See Detail 15)
		47	6 & 11	NEMA 2 Hole Grounding Pad
		52	6-12	1" ID sleeved hole for bolt-through assemblies
		52.5	3-9	1" ID sleeved hole for bolt-through assemblies
		53	6-12	1" ID sleeved hole for bolt-through assemblies
		54	6-12	1" ID sleeved hole for bolt-through assemblies
21	TBP-69GB-ENG-DDA	47	0°-180°	Davit Arm Thru Vang (See Detail 15)
		49	1 & 7	NEMA 2 Hole Grounding Pad
		51	0°-180°	Davit Arm Thru Vang (See Detail 15)
		53	1 & 7	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
		62	4-10	1" ID sleeved hole for bolt-through assemblies
22	TBP-69GB-ENG-DDA	47	0°-180°	Davit Arm Thru Vang (See Detail 15)
		49	1 & 7	NEMA 2 Hole Grounding Pad
		51	0°-180°	Davit Arm Thru Vang (See Detail 15)
		53	1 & 7	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
		62	4-10	1" ID sleeved hole for bolt-through assemblies
23	TBP-69GB-STL	42	1-7	1" ID sleeved holes for PUPI crossarm mounting
		43		
		45	1	NEMA 2 Hole Grounding Pad
		46	1-7	1" ID sleeved holes for PUPI crossarm mounting
		47		
		49	1	NEMA 2 Hole Grounding Pad
		55.5	4-10	1" ID sleeved hole for bolt-through assemblies
		56.5	4-10	1" ID sleeved hole for bolt-through assemblies
		57.5	4-10	1" ID sleeved hole for bolt-through assemblies

Ritchie to Centerpoint Underbuild Appurtenances				
Structure #	Structure Types	Distance from Top of Pole (ft)	Flats - Orientation Angle	Notes
24	TBP-69GB-ENG-DDA	47	0°-180°	Davit Arm Thru Vang (See Detail 15)
		49	1 & 7	NEMA 2 Hole Grounding Pad
		51	0°-180°	Davit Arm Thru Vang (See Detail 15)
		53	1 & 7	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
		62	4-10	1" ID sleeved hole for bolt-through assemblies
26	TS-4G-ENG	47	10°-190°	Davit Arm Thru Vang (See Detail 15)
		49	1 & 7	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
27	TBP-69G-STL	51	1-7	1" ID sleeved holes for PUPI crossarm mounting
		52		
		53.5	1	NEMA 2 Hole Grounding Pad
		64.5	4-10	1" ID sleeved hole for bolt-through assemblies
		65.5	4-10	1" ID sleeved hole for bolt-through assemblies
28	TBP-69G-STL	46.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		47.5		
		49	1	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
29	TBP-69G-STL	46.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		47.5		
		49	1	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
30	TBP-69G-STL	46.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		47.5		
		49	1	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
31	TBP-69G-STL	46.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		47.5		
		49	1	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
32	TBP-69G-STL	46.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		47.5		
		49	1	NEMA 2 Hole Grounding Pad
		60	4-10	1" ID sleeved hole for bolt-through assemblies
		61	4-10	1" ID sleeved hole for bolt-through assemblies
33	TS-5GA-ENG	44	160°-340°	Davit Arm Thru Vang (See Detail 15)
		46	1 & 7	NEMA 2 Hole Grounding Pad
		48	20°-200°	Davit Arm Thru Vang (See Detail 15)
		50	1 & 7	NEMA 2 Hole Grounding Pad
		55	6-12	1" ID sleeved hole for bolt-through assemblies
		55.5	2-8	1" ID sleeved hole for bolt-through assemblies
		56	6-12	1" ID sleeved hole for bolt-through assemblies
		56.5	2-8	1" ID sleeved hole for bolt-through assemblies
34	TBP-69G-STL	44	1-7	1" ID sleeved holes for PUPI crossarm mounting
		45		
		46.5	1	NEMA 2 Hole Grounding Pad
		55.5	4-10	1" ID sleeved hole for bolt-through assemblies
		56.5	4-10	1" ID sleeved hole for bolt-through assemblies

Ritchie to Centerpoint Underbuild Appurtenances				
Structure #	Structure Types	Distance from Top of Pole (ft)	Flats - Orientation Angle	Notes
36	TS-69DE-UG-ENG	52	1-7	1" ID sleeved hole for bolt-through assemblies
		54	11	NEMA 2 Hole Grounding Pad
		59	4-10	1" ID sleeved hole for bolt-through assemblies
		60	4-10	1" ID sleeved hole for bolt-through assemblies
37	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
38	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
39	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
40	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
41	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
42	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
43	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
44	TBP-69G-STL	54.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		55.5		
		57	1	NEMA 2 Hole Grounding Pad
		63	4-10	1" ID sleeved hole for bolt-through assemblies
		64	4-10	1" ID sleeved hole for bolt-through assemblies
45	TS-5G-ENG	46	45°-225°	Davit Arm Thru Vang (See Detail 15)
		48	2 & 8	NEMA 2 Hole Grounding Pad
		50	135°-315°	Davit Arm Thru Vang (See Detail 15)
		52	6 & 12	NEMA 2 Hole Grounding Pad
		57	3-9	1" ID sleeved hole for bolt-through assemblies
		58	3-9	1" ID sleeved hole for bolt-through assemblies
46	TBP-69GB-STL	45.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		46.5		
		48	1	NEMA 2 Hole Grounding Pad

Ritchie to Centerpoint Underbuild Appurtenances				
Structure #	Structure Types	Distance from Top of Pole (ft)	Flats - Orientation Angle	Notes
47	TBP-69GB-STL	45.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		46.5		
		48	1	NEMA 2 Hole Grounding Pad
48	TBP-69GB-STL	45.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		46.5		
		48	1	NEMA 2 Hole Grounding Pad
49	TBP-69GB-STL	45.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		46.5		
		48	1	NEMA 2 Hole Grounding Pad
50	TBP-69GB-STL	45.5	1-7	1" ID sleeved holes for PUPI crossarm mounting
		46.5		
		48	1	NEMA 2 Hole Grounding Pad
51	TS-5GG-MOD-ENG	50	0°-180°	Davit Arm Thru Vang (See Detail 15)
		52	1 & 7	NEMA 2 Hole Grounding Pad
52	TM-3V-VERT-STL	50	1-7	1" ID sleeved holes for PUPI crossarm mounting
		51		
		52.5	1	NEMA 2 Hole Grounding Pad

Centerpoint to Twombly Underbuild Appurtenances				
Structure #	Structure Type	Distance from Top of Pole (ft)	Flats / Orientation Angle	Notes
1	TS-5GG-MOD-ENG	50	0°-180°	Davit Arm Thru Vang (See Detail 15)
		52	1 & 7	NEMA 2 Hole Grounding Pad

General Specifications & Requirements For:

The manufacturer and delivery of steel poles for Ritchie to Centerpoint 34.5kV Line. The bid submitted by the manufacturer shall include all field bolts, locknuts, vangs, coatings, attachment provisions, base plates, and other necessary items to make a complete structure as described in the following specifications and drawings.

General Specifications:

1. Engineered poles shall be fabricated and delivered in accordance with technical specifications found in RUS Bulletin 1724E-204.
2. Standard class steel poles shall be furnished in accordance with RUS Bulletin 1724E-214.
3. The manufacturer will provide shop drawings to the owner and engineer prior to fabrication for review.
4. The manufacture's bid shall include delivery of poles to 1015 S. Caron Road, Rochelle, IL 61068. Poles are delivered once they are lifted from the trailer. Owner will provide all equipment and labor to take ownership of poles once lifted from the trailer at staked drop locations.
5. The design and design calculations for engineered structure shall be the responsibility of the manufacturer.
6. Poles shall be designed to the loads specified on the attached drawings.
7. Poles shall be designed with a maximum taper of 0.45 inch/ft.
8. Manufacturer shall supply PLS-Pole.bak files for engineered poles.
9. Manufacturer shall supply PLS-Pole steel pole library (.spp) for all structures in this proposal.
10. Manufacturer shall palletize material such that each structure has an associated hardware kit as required. Include 10% spare hardware in each kit.
11. The manufacturer shall design and supply anchor cages, bolts, & hardware for pole with pier foundations. Design of pier foundations to be done by others.
12. The manufacturer will provide all drawings and instructions required for erection of poles including acceptable jacking forces, maximum bolt torque, etc.

Disclaimer: The contents of this guidance document does not have the force and effect of law and is not meant to bind the public in any way. This document is intended only to provide clarity to the public regarding existing requirements under the law or agency policies.

UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Utilities Service

BULLETIN 1724E-204

RD-GD-2019-95

SUBJECT: **Guide Specifications for Steel Single Pole and H-Frame Structures**

TO: RUS Electric Borrowers, Consulting Engineers, and RUS Electric Program Staff

EFFECTIVE DATE: Date of Approval

OFFICE OF PRIMARY INTEREST: Engineering Standards Branch; Electric Program
FILING INSTRUCTIONS: This bulletin replaces Bulletin 1724E-204, "Guide Specification for Steel Single Pole and H-Frame Structures" issued November 17, 2016.

AVAILABILITY: This bulletin can be accessed via the Internet at:
https://www.rd.usda.gov/publications/regulations-guidelines/bulletins/electric

PURPOSE: This bulletin provides guidance that should assist borrowers in procuring steel pole and steel H-frame structures.

JAMES ELLIOTT Digitally signed by JAMES ELLIOTT Date: 2019.04.09 11:31:43 -04'00'

Christopher A. McLean
Assistant Administrator,
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April 9, 2019
Date

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ABBREVIATIONS

ACI	American Concrete Institute
ANCO	American Nut Company
ANSI	American National Standards Institute
ASCE	American Society of Civil Engineers
ASTM	American Society for Testing and Materials
AWS	American Welding Society
DFT	Dry Film Thickness
D/t	Diameter of a circular section to plate thickness
Eq. F	Equivalency Factor
ksi	kips (1000 lb.) per square inch
kV	kilovolt
mph	miles per hour
LF	Load factor
NESC	National Electrical Safety Code
NEMA	National Electrical Manufacturers Association
SSPC	Steel Structure Painting Council
OHGW	Overhead ground wire
psf	pounds per square foot
psi	pounds per square inch
UNC	Unified Coarse threads

DEFINITIONS

Borrower – An entity which borrows or seeks to borrow money from or arranges financing with the assistance of the Rural Utilities Service through guarantees, lien accommodations or lien subordinations.

Rural Utilities Service (RUS) – An Agency of the United States Department of Agriculture, under Rural Development.

RUS Electric Program Forms – All forms and bulletins referred to in this bulletin are Rural Utilities Service Electric Program forms and bulletins, unless otherwise noted.

Form 198 – Equipment Contract.

INDEX:

Poles: Steel
Materials and Equipment: Guide Specifications for Steel Pole Structures
Specifications and Standards: Guide Specifications for Steel Pole Structures
Transmission Facilities: Poles (Steel)

INSTRUCTIONS

1. PURPOSE

The intent of this guide specification is to provide Rural Utilities Service Electric Program borrowers with a basis for procuring adequate single pole and H-frame steel transmission line structures. Use of this specification should help eliminate ambiguities that might arise in the evaluation process of competitively bid steel pole procurements.

Borrowers or their engineering representatives will need to complete and add to this specification as appropriate. Modifications to this specification may be necessary to consider special applications or preferences of the owner.

2. SCOPE

This suggested purchase specification covers the technical aspects of design, materials, welding, inspection, delivery, and protective coatings of single circuit steel pole and steel H-frame structures, 115 kV to 230 kV. This specification does not include contract (front-end) documents or specifications for construction. The user of this specification should add these documents, including general conditions and any supplemental instructions to the bidders. This specification may be expanded to include double circuit structures, and structures over 230 kV.

3. INITIAL DESIGN CONSIDERATIONS

There are engineering decisions that should be made before completing the specifications. Some examples include:

- *Amount of foundation rotation to consider for incorporating P-delta moments;*
- *Location of point of fixity;*
- *Embedment depths;*
- *Load cases to be considered in addition to those required by the National Electrical Safety Code (NESC);*
- *Deflection limitations; and*
- *Guy wire modulus of elasticity*

4. INFORMATION TO BE COMPLETED BY THE OWNER OR OWNER'S REPRESENTATIVE

Users of this guide specification should detach the instructions and appendices and complete the following:

a. Documents and general information to be added to the specification: A number of front-end documents and general information need to be added to the specification:

- *Form 198 Equipment Contract(Recommended for competitive bidding)*
- *Supplemental Instructions to Bidders*
- *General Conditions*

When there is competitive bidding, it is recommended that Form 198 be used. This form covers Notice and Instructions to Bidders, Proposal, and Equipment Contract. For item b above, Supplemental Information, the user may want to add such items as Bid Submission, Bid Price and Schedule, Bid Acceptance Period, Bid Requirements, and Bid Data. A section on General Conditions could include such items as Definition of Terms, Interpretation of Bid Documents, Addenda to the Bid Documents, Insurance, Method of Payment (if Form 198 is not used), Quantities, and Tabulation of Unit Prices.

b. *Requirements to the technical specifications to be added or completed by the owner or owner's representative and supplied to the bidders include:*

(1) *Configuration Requirements and Other Information (Attachment A of the Specification, or equivalent, to be added)*

- *Structure dimensions*
- *Conductor support locations*
- *Overhead ground wire (OHGW) support location(s)*
- *Underbuild support location(s)*
- *Guy attachment locations*
- *General load information*

Transmission pole assemblies with steel Upswept arms on single Steel pole are named as TUS series. On the TUS-series single pole drawing on Pages xi, xii and xiii in these instructions, minimum acceptable dimensions are recommended. Specific project designs may require greater values than the minimum to improve insulator swing or galloping performance. The distance shown on the TUS-series drawing from the top phase conductor attachment point to the static wire attachment point provides for a 30° shielding angle. For further information on the lightning protection, see Bulletin 1724E-200 for details. For areas of high isokeraunic levels, high ground resistance, or high contamination, specify insulators with the number of bells detailed in the second column under each voltage level in Tables 1 and 2 of the TUS-series drawing in these instructions. Drawings TM-S1 and TM-S2 in these instructions suggest typical structure details.

Guide drawings for H-frame structures and double circuit structures have not been included in this bulletin.

(2) Structural Requirements

(a) Design loads, with and without load factors (Attachment B of the Specification to be added)

Minimum loads should meet appropriate NESC District Loads, NESC extreme wind loads, NESC extreme ice with concurrent winds, any extreme ice conditions and local code loads with the appropriate load factors.

All structures should have sufficient strength before conductor stringing to withstand the extreme wind velocity multiplied by an appropriate gust factor. The structures should be capable of withstanding this load from any direction. The vertical, transverse, and longitudinal loads with wind on the structure and the dead weight of the structure for any given condition should be applied simultaneously.

The loads without load factors for 60 °F, no wind, should be specified so that proper arm design and/or camber design can be made. Loads without load factors are required so that the manufacturer will supply appropriate base reactions with and without load factors (item 6.2.d) for foundation design purposes.

(b) Pole deflection limitations, if any, Attachment C of the Specification, to be completed. If deflection limitations are required, specify the loading condition(s) without load factors, and acceptable means of achieving (raking, cambering, stiffening).

(c) Desired foundation type (direct embedded or anchor bolt type), Attachment C of the Specification, to be completed. If embedded, the embedment lengths should be furnished. If anchor bolt type, strength of the concrete should be specified. The engineer has the option of specifying the maximum anticipated foundation rotation and groundline deflection in Attachment B. If different for individual loading cases, indicate quantities in the loading tables (Attachment B).

(d) Location, orientation, slope, type, size, strength of guys, (Attachment A of the Specification, to be added), and modulus of elasticity of guys, Attachment C of the Specification.

(3) Application Requirements (Attachment C of the Specification, to be completed).

(a) Special Charpy requirements.

(b) *Diameter and taper limitations, if any (flat-to-flat diameter for other than a round cross section).*

(c) *Desired method of surface protection. If a special corrosion problem exists, this should be mentioned, along with the recommended solution.*

(d) *Preference of climbing ladders, working ladders or step bolts. Also, quantity of removable ladders or step bolts to be supplied with the total order of poles should be specified.*

(e) *Component weight and/or length restrictions, if any.*

(f) *Delivery schedule and free on board (FOB) destination, and owners' contact.*

(g) *Miscellaneous. (Additional items such as special attachment requirements, grounding requirements, climbing devices, hot line maintenance requirements.)*

(h) *Structures to be tested, if any, and number of load cases for each structure test.*

(4) *Structure drawing details (Attachment D of the Specification, to be added by owner).*

Drawings TUS series, TM-S1, and TM-S2 on pages xi, xii, and xiii of these instructions are provided as guidance drawings for development of Attachment D of the Specification.

5. *INFORMATION TO BE COMPLETED BY THE MANUFACTURER*

a. *The owner or owner's representative should have the following information completed by the bidders and submitted with the manufacturer's proposal. Attachment E of the Specification is a sample bid summary which includes this information.*

(1) *Calculated shipping weight of each structure, subassemblies, and components, excluding anchor bolts.*

(2) *Calculated shipping weight of anchor bolts.*

(3) *Maximum groundline reactions (moments, shears, and axial loads, including load factors) in poles and guy wires.*

(4) *Anchor bolt sizes, projections, lengths, layout and locations.*

(5) *Type of material and finish of major components, American Society of Testing and Materials (ASTM) number and grade.*

(6) *Description of pole shaft, including thickness, length, diameter, cross-sectional geometry, and method of fastening each shaft component.*

(7) *Method of attaching arms, braces, hardware, and miscellaneous appurtenances to structure.*

(8) *Design exceptions.*

b. *Documentation which the successful bidder needs to supply for approval by owner or owner's representative prior to manufacture include:*

(1) *Final design calculations for pole shaft, base plate, anchor bolts, arms, and other appurtenances, including their connections for all structures.*

(2) *The following specific items need to be supplied:*

(a) *For each loading case, the total shears and axial forces, moments, stresses, deflections, section moduli, cross-sectional area, safety factors (allowable stress/actual combined stresses); the w/t's for polygonal and D/t's for round cross sections at all attachment points, at top and bottom, and at least every ten (10) feet along the pole shall be supplied.*

(b) *Guy reactions for each loading case.*

(c) *For the critical loading case, shears and axial forces, moments, stresses, section modulus, cross-sectional area, and safety factor at the arm connections. Deflections at the end of the arm should also be given.*

(d) *Anticipated deflection at the top of the pole and at the end of the arms for each pole for the no wind load case at 60 °F without load factors.*

(e) *For all specified loading cases, all reactions and groundline moments with and without the load factors.*

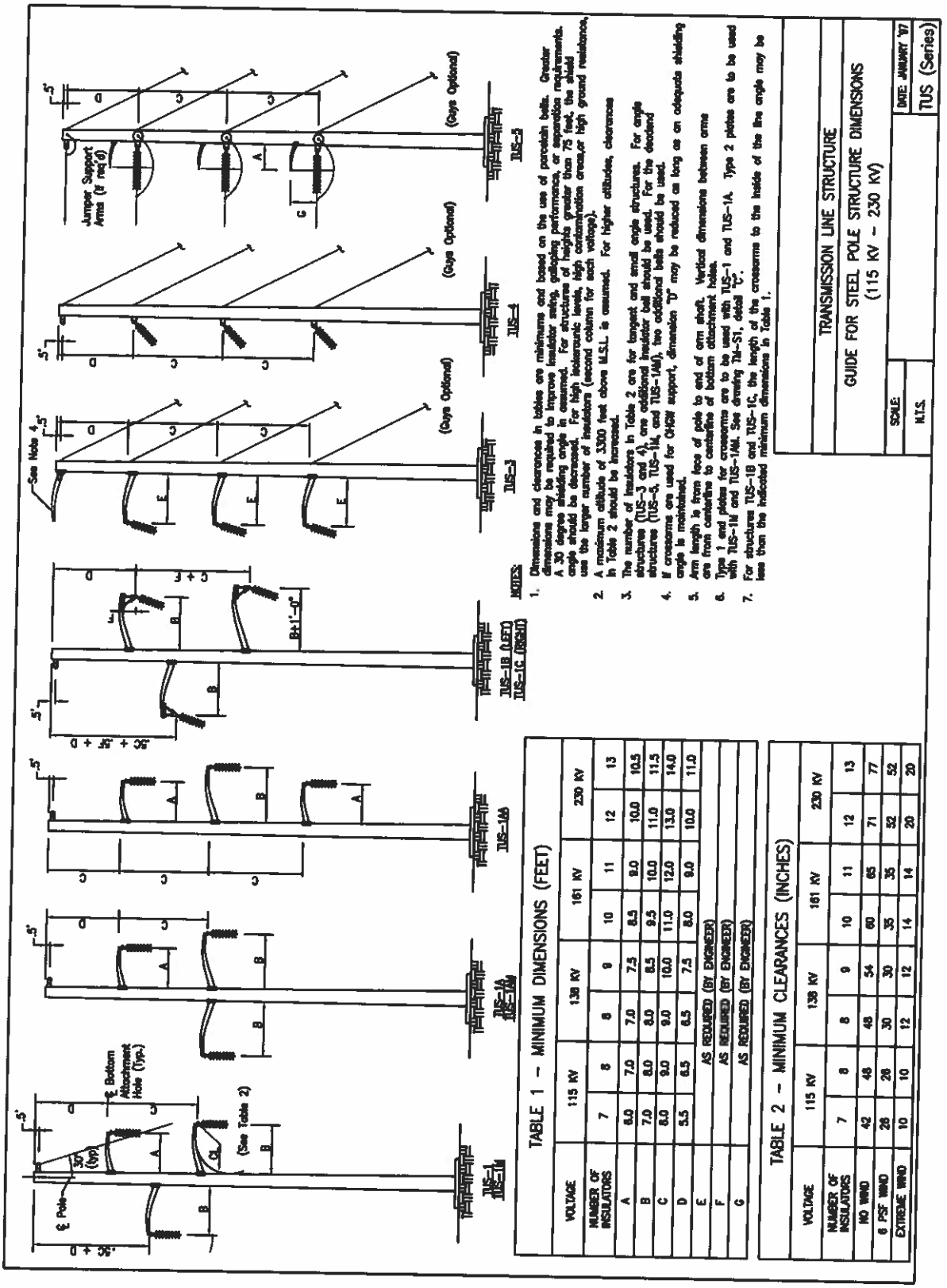
(f) *Complete design/erection reproducible drawings for each structure type.*

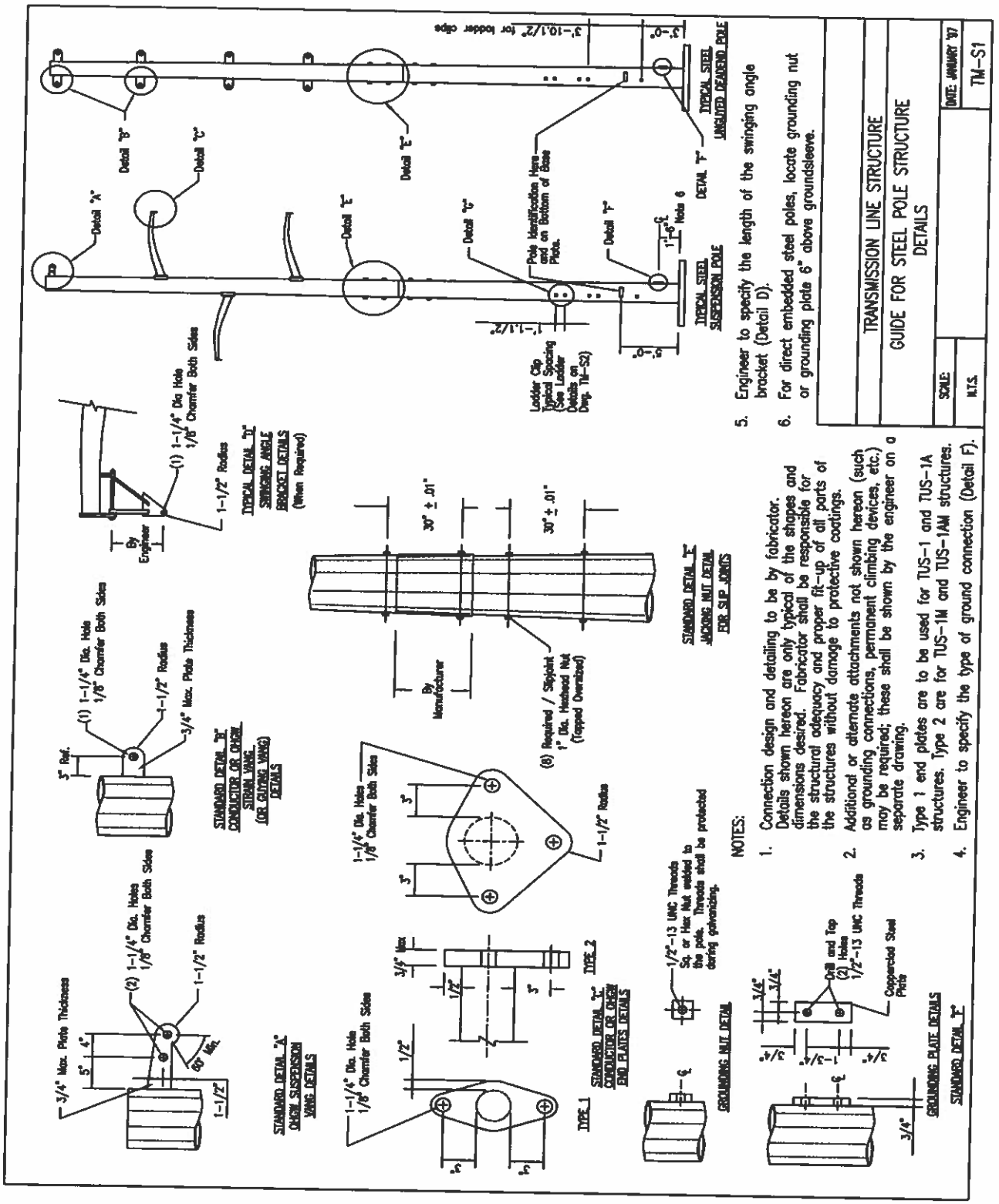
(g) *Identification and weight of each structure - include the weight of components and a bill of materials for each structure.*

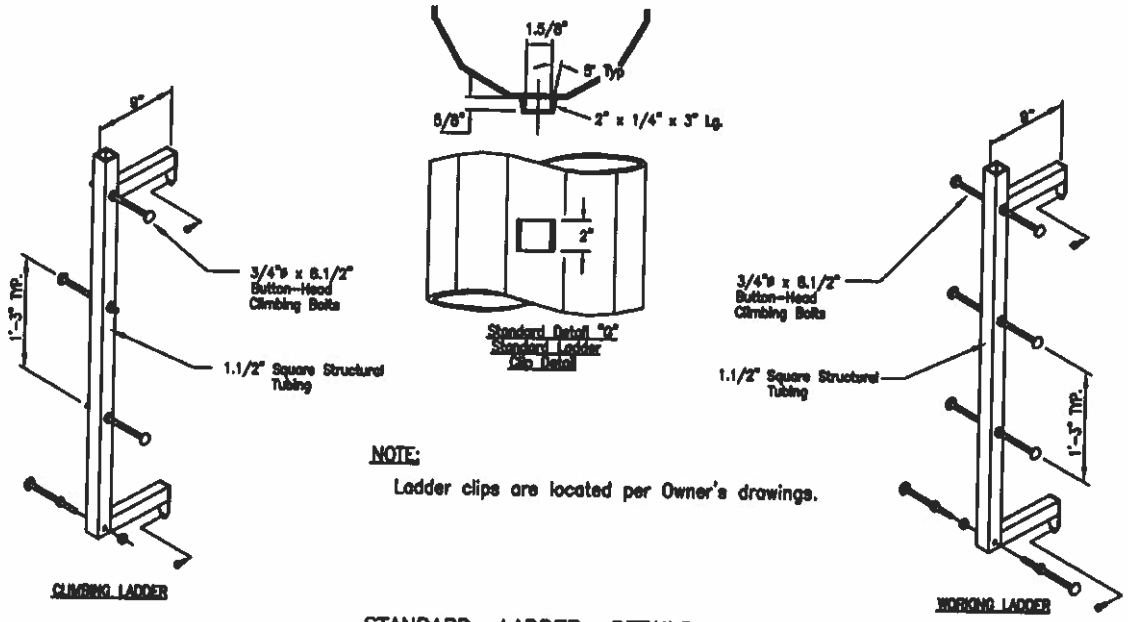
(h) *Assembly instructions.*

c. *Final documentation (as built) after construction.*

d. *Test reports (as requested).*


TRANSMISSION LINE STRUCTURE
GUIDE FOR STEEL POLE STRUCTURE DIMENSIONS
(115 KV – 230 KV)
SCALE: N.T.S.
DATE: JANUARY '97
TUS (Series)
NOTES:
1. Dimensions and clearances in tables are minimums and based on the use of porcelain bells. Greater dimensions may be required to improve insulator swing, galloping performance, or separation requirements. A 30 degree shielding angle is assumed. For structures of heights greater than 75 feet, the shield angle should be decreased. For high isokeraunic levels, high contamination areas,or high ground resistance, use the larger number of insulators (second column for each voltage).
2. A maximum altitude of 3300 feet above M.S.L. is assumed. For higher altitudes, clearances in Table 2 should be increased.
3. The number of insulators in Table 2 are for tangent and small angle structures. For angle structures (TUS–3 and 4), one additional insulator bell should be used. For the deadend structures (TUS–5, TUS–1M, and TUS–1AM), two additional bells should be used.
4. If crossarms are used for OHGW support, dimension "D" may be reduced as long as an adequate shielding angle is maintained.
5. Arm length is from face of pole to end of arm shaft. Vertical dimensions between arms are from centerline to centerline of bottom attachment holes.
6. Type 1 end plates for crossarms are to be used with TUS–1 and TUS–1A. Type 2 plates are to be used with TUS–1M and TUS–1AM. See drawing TM–51, detail "C".
7. For structures TUS–1B and TUS–1C, the length of the crossarms to the inside of the line angle may be less than the indicated minimum dimensions in Table 1.
TABLE 1 – MINIMUM DIMENSIONS (FEET)
VOLTAGE | 115 KV | | 138 KV | | 161 KV | | 230 KV | |
NUMBER OF INSULATORS | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 13
A | 6.0 | 7.0 | 7.0 | 7.5 | 8.5 | 9.0 | 10.0 | 10.5
B | 7.0 | 8.0 | 8.0 | 8.5 | 9.5 | 10.0 | 11.0 | 11.5
C | 8.0 | 9.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0
D | 5.5 | 6.5 | 6.5 | 7.5 | 8.0 | 9.0 | 10.0 | 11.0
E | AS REQUIRED (BY ENGINEER)
F | AS REQUIRED (BY ENGINEER)
G | AS REQUIRED (BY ENGINEER)
TABLE 2 – MINIMUM CLEARANCES (INCHES)
VOLTAGE | 115 KV | | 138 KV | | 161 KV | | 230 KV | |
NUMBER OF INSULATORS | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 13
NO WIND | 42 | 48 | 48 | 54 | 60 | 65 | 71 | 77
6 PSF WIND | 28 | 28 | 30 | 30 | 35 | 35 | 52 | 52
EXTREME WIND | 10 | 10 | 12 | 12 | 14 | 14 | 20 | 20
TUS–1
TUS–1M
TUS–1A
TUS–1AM
TUS–1B
TUS–1C
TUS–3
TUS–4
TUS–5
Jumper Support Arms (if req'd)
(Guys Optional)
See Note 4
℄ Pole
℄ Bottom Attachment Hole (Typ.)
(See Table 2)
30° (typ)

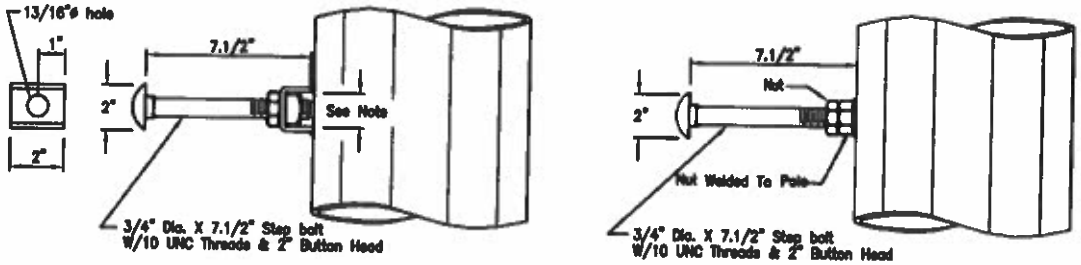

TRANSMISSION LINE STRUCTURE
GUIDE FOR STEEL POLE STRUCTURE
DETAILS
SCALE: N.T.S.
DATE: JANUARY '97
TM-S1
NOTES:
1. Connection design and detailing to be by fabricator. Details shown hereon are only typical of the shapes and dimensions desired. Fabricator shall be responsible for the structural adequacy and proper fit-up of all parts of the structures without damage to protective coatings.
2. Additional or alternate attachments not shown hereon (such as grounding connections, permanent climbing devices, etc.) may be required; these shall be shown by the engineer on a separate drawing.
3. Type 1 end plates are to be used for TUS-1 and TUS-1A structures. Type 2 are for TUS-1M and TUS-1AM structures.
4. Engineer to specify the type of ground connection (Detail F).
5. Engineer to specify the length of the swinging angle bracket (Detail D).
6. For direct embedded steel poles, locate grounding nut or grounding plate 6" above groundsleeve.
TYPICAL STEEL UNGUYED DEADEND POLE
TYPICAL STEEL SUSPENSION POLE
Detail "A"
Detail "B"
Detail "C"
Detail "D"
Detail "E"
Detail "F"
Detail "G"
Detail "H"
Detail "I"
Pole Identification Here and on Bottom of Base Plate.
Ladder Clip Typical Spacing (See Ladder Details on Dwg. TM-S2)
Note 6
3'-10 1/2" for ladder clips
1'-1 1/2"
1'-6"
0'-0"
0'-6"
(1) 1-1/4" Dia Hole 1/8" Chamfer Both Sides
1-1/2" Radius
By Engineer
TYPICAL DETAIL "D" SWINGING ANGLE BRACKET DETAILS (When Required)
30" ± .01"
30" ± .01"
By Manufacturer
(8) Required / Skiplant 1" Dia. Headed Nut (Tapped Oversized)
STANDARD DETAIL "E" MOUNTING NUT DETAIL FOR SLIP JOINTS
(1) 1-1/4" Dia. Hole 1/8" Chamfer Both Sides
1-1/2" Radius
3/4" Max. Plate Thickness
5" Ref.
STANDARD DETAIL "B" CONDUCTOR OR CHORD STRAIN VANE (OR GUYING VANE) DETAILS
(2) 1-1/4" Dia. Holes 1/8" Chamfer Both Sides
1-1/2" Radius
3/4" Max. Plate Thickness
5" 4"
45° Max.
1-1/2"
STANDARD DETAIL "A" CHORD SUSPENSION VANE DETAILS
1-1/4" Dia. Hole 1/8" Chamfer Both Sides
1/2"
3/4" Max
1/2"
3"
3"
TYPE 1
TYPE 2
STANDARD DETAIL "C" CONDUCTOR OR CHORD END PLATES DETAILS
1/2"-13 UNC Threads Sq. or Hex Nut welded to the pole. Threads shall be protected during galvanizing.
GROUNDING NUT DETAIL
3/4"
3/4"
Drill and Tap (2) Holes 1/2"-13 UNC Threads
Copperclad Steel Plate
3/4"
3/4"
3/4"
GROUNDING PLATE DETAILS
STANDARD DETAIL "F"



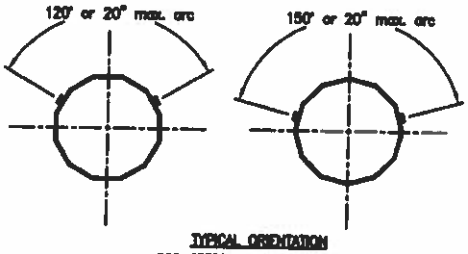
NOTE:
Ladder clips are located per Owner's drawings.

STANDARD LADDER DETAILS

NOTE:
1. Step bolt clip shall be designed and fabricated to prevent square nut rotation while step bolt is installed.
2. Step bolts are located per owner's drawings.



STANDARD STEP BOLT DETAILS



TRANSMISSION LINE STRUCTURE		
GUIDE FOR STEEL POLE STRUCTURE DETAILS		
SCALE: N.T.S.		DATE: JANUARY '97 TM-S2

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SPECIFICATIONS FOR STEEL SINGLE POLE AND H-FRAME STRUCTURES

1. SCOPE

This specification covers the design, materials, welding, inspection, protective coatings, drawings and delivery of steel transmission single pole and H-frame structures. The proposal submitted by the manufacturer shall include field bolts, locknuts, vangs, attachment provisions for arms and/or insulators, anchor bolts, base plates, and other necessary items to make a complete structure.

2. DEFINITIONS

Camber - Pole curvature, induce in fabrication, used to counteract predetermined pole deflection, such that the pole will appear straight under a specified load condition.

D/t - the ratio of the diameter of a tubular pole to the steel plate thickness.

Engineer - a registered or licensed person, who may be a staff employee or an outside consultant, and who provides engineering services. Engineer also includes duly authorized assistants and representatives of the licensed person.

Factored load - The maximum design load which includes the appropriate load factor specified.

Groundline - a designated location on the pole where the surface of the ground will be after installation of a direct embedded pole.

Load factors (LF) - a multiplier which is applied to each of the vertical, transverse and longitudinal structure loads to obtain a factored load.

P-delta (P-Δ) moment - secondary moment created by the vertical loads acting on the structure when the structure deflects from its unloaded position.

Point of fixity - location on the pole at groundline or below groundline where the maximum moment occurs.

Pole twist - spiral rotation of a pole section relative to the pole end. It is caused by the residual stress in the steel as received from the mill, the clamping force holding the tube shells together and the heat applied during the seam welding process.

Raking - the practice of installing a straight pole out of plumb, or at an inclined angle

w/t - Ratio of the width of the pole (flat-to-flat) to the plate thickness

UNC – Unified Coarse Threads

3. CODES AND STANDARDS

Codes, standards, or other documents referred to in this specification shall be considered as part of this specification. The following codes and standards are referenced:

a. American Society of Civil Engineers (ASCE) Standard, Design of Steel Transmission Pole Structures, ASCE 48, latest edition.

b. American Society for Testing and Materials (ASTM), various standards, latest revision.

c. American Concrete Institute (ACI), Building Code Requirements for Reinforced Concrete, ACI 318, latest edition.

d. American Welding Society (AWS), Structural Welding Code, AWS D1.1, latest edition.

e. American National Standards Institute (ANSI), National Electrical Safety Code, ANSI C2, latest edition.

f. Society for Protective Coatings (SSPC, formerly Steel Structure Painting Council)/ National Association of Corrosion Engineers (NACE) Surface Preparations Specification, SSPC/NACE SP-6/NACE 3.

4. CONFLICT BETWEEN THIS SPECIFICATION, DRAWINGS, AND REFERENCED DOCUMENTS

In the event of conflict between this specification and the above referenced documents, the requirements of this specification shall take precedence. In the case of conflict between several referenced documents, the more stringent requirement shall be followed. If a conflict exits between this specification or the referenced documents and the attached drawings, the attached drawings shall be followed. If clarification is necessary, contact the owner or owner's representative.

5. GENERAL REQUIREMENTS

The design, fabrication, allowable stresses, processes, tolerances, and inspection shall conform to the ASCE Standard, Design of Steel Transmission Pole Structures (ASCE 48), latest edition, with the following additions and/or exceptions:

a. Design

(1) Pole designs shall be prepared from the attached configuration drawings (Attachments A and B of this Specification) and design loads (Attachment B of this Specification). The structure shall be capable of withstanding all

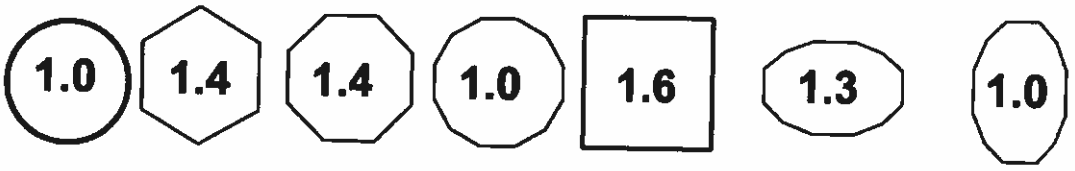
specified loading cases including secondary stresses from foundation movements and pole deflection (P-Δ) when specified in Attachment B of this Specification but not considering the possible restraining effect of conductors or shield wires. The structure shall withstand the loads without failure, permanent distortion, or exceeding any specified deflection limitations.

(2) Wind pressures shown in the loading criteria shall be multiplied by the appropriate shape factor applied to the poles. Pressures in psf shall be computed as follows:

$$p = W \times C_d$$

Where p = pressure on projected area of the pole normal to wind, W = wind pressure, and C_d = shape (or drag) factor.

Shape factors for computing the wind on poles are:



(3) The maximum design unit stress shall be the minimum yield strength as stated in applicable ASTM specifications for the particular application and types of loads, including load factors.

(4) Poles shall be designed with a minimum number of joints. Field welding shall not be allowed as part of the design of a new pole. The shaft joints to be made in the field shall be slip joints or bolted flange joints. Slip joint length shall be at least 1-1/2 times the largest inside diameter of the female section. Bolted flange joints shall be used for medium angle and heavy angle guyed structures and X-braced H-frame structures. If approved by the owner or owner's representative, a strap across the pole splice to prevent separation of the male and female sections of the pole may be used for X-braced H-frame structures. Approval must be obtained prior to bid.

Manufacturer shall verify slip joint fit before shipment. Joints should not interfere with joints, step nuts, ladder clips, or jacking nuts.

Sufficient jacking lugs and permanent orientation marks shall be provided at all slip joints to ensure proper alignment and complete overlap of the joint.

(5) The factored load in guys shall not exceed 65 percent of the rated breaking strength of the guy.

(6) Design of anchor bolts shall be in accordance with the ACI-318, latest Edition, Building Code Requirements for Reinforced Concrete, assuming a concrete strength as specified by the owner.

When anchor bolts are specified, they shall have the top 2 feet galvanized. Anchor bolts shall be threaded at the top end a distance equal to the baseplate thickness plus the thickness of two anchor bolt nuts plus 2-1/2". Each anchor bolt shall include two heavy hex nuts.

Welding on anchor bolts will only be allowed in the bottom 12 inches. Only one length of anchor bolt shall be used on each pole. Anchor bolts/clusters shall be plainly marked to indicate the structure type, structure number, orientation, and top of concrete.

Anchor bolts shall be designed to be shipped as a rigid cage with top and bottom plates holding the anchor bolts in place. The anchor bolt thread shall be protected during shipping. The anchor bolts shall be welded to the holding plate in the bottom of the cage. The top template shall be designed to be removable and to support the assembled cage during lifting and setting operations without detrimental deformations. Bolt clusters shall be designed to be rigid enough to withstand the normal jolts of shipping, handling and installation with no displacement of bolts from the proper positions within the cluster.

The removable template at the top shall be marked to show the centerline for tangent structures and the angle bisector for angle structures. Matching marks are to be on the base plate of the structure so proper alignment can be made.

(7) Minimum plate thickness for all pole components shall be 3/16 inch.

(8) Structures which are to be direct embedded shall have bearing plates and ground sleeves. Bearing plates shall have a diameter not more than 2 inches greater than the maximum pole diameter.

Galvanized poles shall have a drain hole at the bottom. The drain hole shall not be more than 20% of the bottom plate surface area. When a painted finish is specified, poles shall be hermetically sealed. Ground sleeves shall have a minimum length of 3 feet for single pole structures and 4 feet for H-frames.

The ground sleeve shall have a minimum thickness of 3/16 inch and shall be centered at the groundline. A seal weld shall be provided around the ground sleeve. The ground sleeve shall not be considered in strength calculations.

(9) Poles shall have nearly a uniform taper throughout their entire length. The maximum difference in tapers between two pole sections measured by the diameters shall be .20 inch/ft. for poles with variable taper.

(10) Poles with elliptical cross sections shall have a minor axis dimension equal to at least 75 percent of the major axis dimension.

(11) All unguyed angle poles or unguyed tangent deadends shall be precambered to remain plumb when the calculated deflection at the top of the pole exceeds 1.5 percent of the pole height under an initial conductor tension loading of 60°F, no wind, and no load factors. Pole height shall be the height of the pole from the top of the baseplate, or designated groundline, to the top. Tangent poles with unbalanced vertical loadings shall be precambered for the previously stated conditions.

(12) Arms shall be designed so the end of the arm is at the specified height under a loading of initial conductor tension, 60°F, no wind, and no-load factors. Arms shall not deflect vertically more than 12 inches at the end of the arm under heavy ice conditions (without any load factors applied).

Arms shall be upswept or straight, tapered, steel tubular members, of any cross-sectional type, which meet the dimensions shown on the attached drawings (Attachment D of this Specification).

Arm end plate connection details for hardware attachment shall be typical of those shown on the attached drawings. The arms shall be hermetically sealed when a painted finish is specified. Galvanized arms shall have drain holes where appropriate. If weathering steel is used for the arms, attachments and the arm shall be designed to avoid trapping or holding moisture.

(13) Lifting lugs are optional. The manufacturer shall supply all instructions for handling and erection of poles and arms.

(14) In the design of connections for vangs, brackets, or stiffeners attached to the pole shaft, care shall be taken to distribute the loads sufficiently to protect the wall of the pole from local buckling.

(15) Each pole shall be permanently marked on the pole shaft 60 inches above groundline and on the bottom of baseplate or bearing plate with the following identifying information: structure type, height, structure number, factored groundline moment, owner name, and date manufactured. The method of identification shall be approved by the owner.

(16) Weathering steel structures shall be designed to eliminate water and refuse traps.

Tubular sections shall be sealed from moisture entering the inside of the pole. Factory drilled pole holes shall be plugged to prevent moisture intrusion during shipping. For field drilled poles and factory drilled poles, manufacturer shall provide silicon sealant to seal all through-bolt holes. Nondrilled poles when assembled shall be effectively sealed to prevent moisture intrusion.

Connections shall be designed to reduce the effect of pack-out by preventing moisture from entering the joint or by designing the connection to allow moisture to easily drain off.

Plastic plugs shall be installed in all nuts welded to the structure and all tapped holes.

(17) Application requirements: (See Attachment C of this Specification)

b. Materials

(1) All materials shall comply with the applicable requirements of ASTM specifications. Any modifications to ASTM specifications must be approved by the owner's representative prior to bidding.

(2) Poles, arms and conductor brackets shall conform with ASTM A36, ASTM A572, ASTM A588, ASTM A871 or ASTM A595.

(3) Base plate shall conform with ASTM A572, ASTM A588, ASTM A633, or ASTM A595.

(4) Anchor bolts shall conform to ASTM A615, Grade 60 or 75.

(5) Other bolts and nuts shall conform, as applicable, to ASTM A307, ASTM A325, ASTM A354, or ASTM A394. Locknuts shall be provided for each structure bolt, or American Nut Company (ANCO) type self-locking nuts may be used. Locknuts shall be the galvanized MF type or ANCO type.

(6) Anchor bolts, structural plate, and weld material shall meet ASCE requirements for Charpy tests.

(7) For galvanized structures, steel used for the pole shaft and arms shall have a silicon content less than .06 percent.

c. Fabrication

(1) All welding shall be in accordance with the AWS D1.1, latest edition. Welders shall be qualified in accordance with AWS D1.1 welding procedures.

(2) One hundred percent penetration welds shall be required in, but not limited to, the following areas:

- circumferential welds (C-welds) joining structural members;
- longitudinal welds in the female portion of the joint within the slip joint area;
- welds at the butt joints of back-up strips; and
- base plate to shaft weld.
- longitudinal welds within 3 inches of C-welds, flange welds, base welds and ends of tubes.

(3) Full penetration or equivalent 90 percent partial penetration with fillet overlay shall be used for arm-to-arm base, vang-to-plate shaft, and arm box joints.

(4) Quality and acceptability of every inch of the full penetration welds shall be determined by visual and ultrasonic inspection.

(5) All other penetration welds shall have 60 percent minimum penetration. Quality and acceptability of all welds other than full penetration welds shall be determined by visual inspection, supplemented by magnetic particle, ultrasonic or dye penetrant inspection.

(6) All weld back-up strips shall be continuous the full length of the welds. Care shall be exercised in the design of welded connections to avoid areas of high stress concentration which could be subject to fatigue or brittle fractures.

(7) Field welding shall not be permitted except with owner's approval and the manufacturer's direction in repairing a pole.

(8) All parts of the structure shall be neatly finished and free from kinks or twists. All holes, blocks, and clips shall be made with sharp tools and shall be clean-cut without torn or ragged edges.

(9) Before being laid out or worked in any manner, structural material shall be straight and clean. If straightening is necessary, it shall be done by methods that will not damage the metal.

(10) Shearing and cutting shall be performed carefully and all portions of the work shall be finished neatly. Copes and re-entrant cuts shall be filleted before cutting.

(11) All forming or bending during fabrication shall be done by methods that will prevent embrittlement or loss of strength in the material being worked.

(12) Holes for connection bolts shall be 1/16 inch larger than the nominal diameter of the bolts. Holes in the flange plates for bolted splices shall be 1/8 inch larger than the bolt diameter. Holes in the base plates for anchor bolts shall be 3/8 inch larger than the nominal diameter of the anchor bolts. The details of all connections and splices shall be subject to the approval of the owner or his representatives.

(13) Holes in steel plates which are punched must be smooth and cylindrical without excessive tear out or depressions. Any burrs that remain after punching shall be removed by grinding, reaming, etc.

(14) Holes of any diameter may be drilled in plate of any thickness. Care shall be taken to maintain accuracy when drilling stacks of plates.

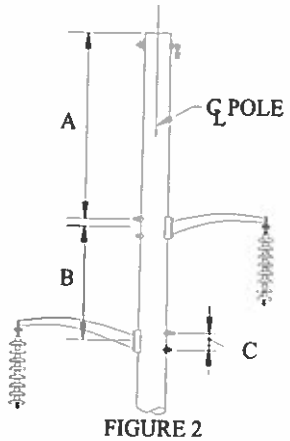
(15) Holes may be made by use of a machine guided oxygen torch. Flame cut edges shall be reasonably smooth and suitable for the stresses transmitted to them.

(16) Field drilled holes must be approved by the owner. If the manufacturer is aware of the owner's intent to field drill holes, the manufacture must supply a galvanizing touch-up kit for galvanized poles or a silicon sealant for weathering steel poles.

d. Tolerances

Manufacturing tolerances shall be limited to the following:

Pole Length	One piece: ±2 inches, or ±1 inch ±1/8 inch per 10 feet of length, whichever is greater (i.e. - 120 foot pole shall have a length of 120 feet ±2½ inches)
	Assembled pole with flange connections: same as for one piece Assembled pole with slip joint connections: The accumulation of the slip joint tolerances not to exceed –6", +12"
Pole Diameter	-0 inch, +1/4 inch
Pole End Squareness	±1/2 inch per foot of pole diameter
Pole Sweep	1/8 inch per 10 feet of pole length
Pole Twist	Limit twist to 1°/10' of length, not to exceed 4°/tube segment. Overall structure twist shall be limited to 10° for embedded and 6° for base plated structures. Connections for all appurtenances to the pole shall account for the pole twist and should align vertically.
Slip Joint tolerances	Tolerances per manufacturer's recommendations and total pole length requirements above.

Location of Groups of Bolt Holes from Top of Pole	±1.0 inches (tolerance to dimension 'A', Figure 2)	 FIGURE 2
Location of Centerline Between Groups of Bolt Holes	±1.0 inch (tolerance to dimension 'B', Figure 2)	
Location of Holes Within a Group of Bolt Holes	±1/8 inch (tolerance to dimension 'C', Figure 2)	
Bolt Hole Alignment	Not to vary from the longitudinal pole centerline of that group of holes by more than 1/16 inch	
Location of Identification Plate	±2.0 inch	

e. Grounding

(1) A grounding connection shall be welded to the pole shaft, 18 inches above the groundline or 6 inches above the ground collar. The grounding connection will be either the two-hole NEMA pad, or a nut, or a threaded insert installed in the pole, or an approved alternative.

(2) Grounding pad face shall not be painted or covered with other coatings. The grounding nut thread and grounding pad threads shall be protected from coatings.

(3) Threaded inserts installed for grounding shall be made of Type 316 stainless steel and provided with standard ½ inch, 13 UNC threads. Threads shall be protected from coatings.

f. Climbing Devices

(1) Design Loads

(a) Step Bolts and removable steps: The step bolts, removable steps and attachment to the pole shall be designed to support a minimum of a 300-pound worker and equipment multiplied by a load factor as

defined in paragraph 5.f.(2). The load shall be at the outer edge of the step or bolt.

(b) Removable Ladders: The ladder and each attachment to the pole shall be designed to support a minimum of a 300-pound worker and equipment multiplied by a load factor as defined in paragraph 5.f.(2). The load shall be at the outer edge of the step or bolt.

(2) Load Factor

A load factor of 2.0 shall be applied to the design loads in 5.6.1. These loads shall be supported without permanent deformation.

(3) Location

Climbing devices shall start 8 feet above groundline and extend to the pole top unless specified by the owner. The climbing device shall be spaced such that each step is 1 foot 6 inches apart and orientated to provide maximum ease of climbing. They shall be located to avoid interference with other attachments

g. Finishes

(1) The following finishes are acceptable: galvanizing, zinc primer and painting, weathering steel, and below grade coating.

(a) Galvanizing - All structures and structural components which are hot-dip galvanized shall meet all the requirements of ASTM A123 or ASTM A153. Measures shall be taken to prevent warping and distortion according to ASTM A384 and to prevent embrittlement according ASTM A143. Poles made of ASTM A588 steel shall not be galvanized due to the high silicon content of the steel. One gallon of zinc enriched paint shall be provided with each five poles.

(b) Zinc Primer and Painting - Poles which are to be painted shall be hermetically sealed to prevent corrosion of interior surfaces. After shot or sand blasting and cleaning in accordance with the surface preparations specification, SSPC/NACE SP-6/NACE 3, a zinc primer of 3 mils dry film thickness (DFT) and two coats of finish paint, each 3 mils DFT shall be applied to all exterior surfaces in accordance with the paint supplier's recommendations. One gallon each of primer and finish paint shall be supplied with each five poles. A guarantee against flaking or fading of the paint for a minimum of 5 years shall be provided.

(c) Weathering Steel - Steel shall conform to ASTM A588 or A871. After fabrication, poles made of weathering steel shall be cleaned of oil,

scale, etc., in accordance with the surface preparation specification SSPC/NACE SP-6/NACE 3, to ensure uniform and rapid formation of the protective oxide layer.

(d) Coatings for the Embedded Portion of the Pole - When poles are to be directly embedded, a 16 mil (minimum dry film thickness), two component hydrocarbon extended polyurethane coating that is resistant to ultraviolet light shall be applied on the exposed surface of the embedded portion of the pole. The coating shall extend from the butt to the top of the ground sleeve. Other coatings shall be approved by the owner prior to their use.

(2) Bolts and nuts with yield strengths under 100,000 psi shall be hot-dip galvanized per ASTM A153 and ASTM A143, or mechanically coated with zinc in accordance with ASTM B454, Class 50. Bolting materials with yield strengths in excess of 100,000 psi shall not be hot-dip galvanized. Instead, they shall be painted with zinc enriched paint or mechanically coated with zinc per ASTM B454, Class 50.

(3) Compliance with coating thickness requirements shall be checked with a magnetic thickness gauge.

h. Inspection and Testing

(1) The owner and the owner's designated agents shall have free entry at all times while work is being carried on, to all parts of the manufacturer's plant to inspect any part of the production of the poles covered by this specification.

(2) Steel members which are bent or warped or otherwise improperly fabricated shall be properly repaired or replaced.

(3) The cost of tests made by the manufacturer (except full scale load tests on poles), including cost of the certified test reports shall be considered included in the price.

(4) The manufacturer shall make tests in accordance with ASTM A370 and ASTM A673 to verify that the material used in the structures meets the impact properties.

(5) Mill test reports showing chemical and physical properties of all material furnished under this specification shall be maintained by the manufacturer for a period of 5 years and shall be traceable to the structure.

(6) All plates over 1-1/2 inches thick shall be ultrasonically tested to assure against defects which could lead to lamellar tearing.

(7) Welders or welding operators shall be qualified in accordance with the provisions of AWS D1.1.

(8) The manufacturer shall make certified welding reports for each structure. The reports covering welding shall include all welds of each structure. Each weld shall be clearly identified; and the report shall consist of the method of testing, whether the weld is acceptable, the identification of the structure, the date, and the name and signature of the inspector.

i. Structure Testing

(1) The structures which are to have full-scale load tests performed on them are listed in Attachment C of this Specification.

(2) Details of the test procedures and methods of measuring and recording test loads and deflections shall be specified by the manufacturer prior to testing and shall be subject to the review and approval of the owner or his representative.

(3) Deflections shall be recorded in the transverse and longitudinal directions when applicable. Deflection measurements shall be taken under the no load condition both before and after testing.

(4) Material procurement for test poles shall be identical to material procurement procedures for regular production run poles.

(5) A full report listing results shall be submitted after completion of all testing. Copies of mill test reports shall be included in the load test report. The report shall also include a complete description of the load tests with diagrams and photographs.

(6) The owner or his representative reserves the right to be present during testing and shall be notified 2 weeks prior to the start of structure fabrication.

j. Shipping

(1) Each shipment shall be accompanied by a list of all parts, identifiable by structure type and number. Arms, bolts and miscellaneous hardware will be identified by the list for match up with the respective pole shaft. All parts required for any one structure shall be in one shipment, if possible.

(2) The owner and owner's representative shall be notified prior to shipment that such shipment is to take place, and they reserve the right to inspect the components prior to shipment. The notification shall give quantities, weight, name of common carrier used, and expected time of arrival.

(3) The anchor bolts shall be welded to the holding plate in the bottom of the cage. A removable template shall be used at the top of the cage and shall be marked to show the centerline for tangent structures and the angle bisector for angle structures. Matching marks are to be on the base plate so proper alignment can be made. Bolt clusters shall be rigid enough to withstand the normal jolts of shipping and handling with no displacement of bolts from the proper positions within the cluster.

(4) Unless otherwise agreed to by the owner, the anchor bolt cage shall be shipped at least 30 days prior to pole shipment.

(5) Salt-treated wood blocking and urethane foams shall not be used when shipping or storing steel poles.

6. INFORMATION TO BE SUPPLIED BY THE MANUFACTURER

a. Information to be supplied with the proposal (Attachment E of this Specification).

(1) Calculated shipping weight of each structure excluding anchor bolts. Separate weights shall be given for arms and poles.

(2) Calculated shipping weight of anchor bolts.

(3) Factored groundline reactions in poles and guy wires.

(4) Anchor bolt size, length and locations (bolt circle diameters).

(5) Type of material of major components (ASTM number).

(6) Description of pole shaft, including thickness, length, diameter, cross-sectional geometry, and method of fastening each shaft component.

(7) Data showing the design of the arm, arm connections, arm attachment plates and brackets.

(8) Sketches or draft drawings of structure and structure attachments.

b. Documentation to be supplied for the owner's approval prior to fabrication

Documentation includes final design calculations for pole shaft, base plate, anchor bolts, arms, and other appurtenances, including their connections for all structures. The following information shall be supplied:

(1) For the loading cases with load factors, the total shear, axial forces, moments, stresses or stress ratios, section moduli, cross-sectional areas, deflections w/t's for polygonal and D/t's for round cross sections at all splices, at arm attachment points (top and bottom), and at least every 10 feet along the pole.

(2) For the critical loading case, shear and axial forces, moments, stresses, section moduli, cross-sectional areas at the arm connections, bolt stresses in the arm connection, and deflection at the end of the arm.

(3) Anticipated deflections at the top of the pole and at the ends of the arms shall be indicated for each pole for the normal, everyday loading condition of 60°F, no wind, no load factors.

(4) For all specified loading cases, reactions and groundline moments shall be supplied.

(5) Detail drawings for each structure type giving weights of structure components, dimensions, and bill of materials.

(6) Assembly instructions and erection drawings. Slip joint lengths and allowable tolerances. Special handling instructions.

c. Final Documents shall be supplied to the owner for the items in Section 6.b.(5), after erection of all structures and prior to final payment.

d. Test Reports (as requested).

(1) Certified mill test reports for all structural material.

(2) Certified welding reports for each structure.

(3) Impact property test reports showing that the material used in the structures meets the impact properties.

(4) Test reports on coating thickness.

(5) Report of structure testing, when required, including photographs, diagrams, load trees, etc.

7. APPROVAL, ACCEPTANCE, AND OWNERSHIP

a. Final designs must be approved by the owner or owner's representative before material ordering and fabrication. Material ordering and fabrication prior to approval will be at supplier's risk. It is understood that award of this contract does not constitute acceptance of design calculations submitted with the bid, if corrections are required in the final structure designs due to manufacturer's errors, omissions, or misinterpretations of the specifications, the quoted price shall not change. Approval of the drawings and calculations by the owner or the owner's representative does not relieve the supplier of responsibility for the adequacy of the

design, correctness of dimensions, details on the drawings, and the proper fit of parts.

b. After delivery, the poles will be inspected and shall be free of dirt, oil blisters, flux, black spots, dross, tear-drop edges, flaking paint or zinc; and in general, shall be smooth, attractive, and unscarred. Poles not meeting this requirement shall be repaired or replaced by the fabricator at no additional cost to the owner.

c. All final drawings shall become the property of the owner, who shall have full rights to reproduce drawings and use them as the owner sees fit, including submitting them to other vendors for the purpose of obtaining bids on future steel pole purchases.

8. LIST OF ATTACHMENTS TO THIS SPECIFICATION

- Attachment A, Structure Dimensions and Other Information (to be completed by the engineer)
- Attachment B, Design Loads (to be completed by the engineer)
- Attachment C, Application Requirements (to be completed by the engineer)
- Attachment D, Drawings (to be completed by the engineer)
- Attachment E, Bid Summary-Design Information, Weights, and Costs (to be completed by the manufacturer and submitted with proposal)

Attachment A. Structure Dimensions and Other Information (To be completed by engineer)

ATTACHMENT "A": STRUCTURE DIMENSIONS AND OTHER INFORMATION

A. CLEARANCE REQUIREMENTS

INSULATOR STRING LENGTH____IN.

LOADING CONDITION	SWING ANGLE	CLEARANCE (INCHES)
NORMAL,C1 Φ1		
6 LB.,C2 Φ2		
HIGH WIND,C3 Φ3		

B. SHIELD ANGLE IS____

C. GUY INFORMATION

GUY TYPE AND SIZE:

R.B.S: LEAD:

D. ARM DIMENSIONS

	ARM	LENGTH	ARM	LENGTH

E. POLE DIMENSIONS

dim	TOTAL POLE LENGTH
L1	
L2	
L3	
L4	
L5	
L6	

F. LOAD INFORMATION

DESIGN SPANS: V.S. H.S. RULING SPAN:

LINE ANGLE: MAX: MIN.

CONDUCTOR: DESCRIPTION OF LOAD, TEM	UNIT LOADS VERT	LF	TRANS	LF	LONGITUDINA KIPS	LF	WIRE TENSION KIPS	LF
OHGW								

TRANSMISSION LINE STRUCTURE

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Attachment B. Design Loads (To be completed by engineer)

ATTACHMENT "B" DESIGN LOADS CONDUCTOR_____ OHGW_____ V.S._____ H.S._____

A. LOADS WITH LOAD FACTOR (LF)

DESCRIPTION OF LOAD	TEMP F	LOAD IN KIPS (INCLUDES L.F) V1	T1	L1	V2	T2	L2	V3	T3	L3	VG	TG	LG	W PSF	Δg	θg

B. LOADS WITHOUT LOAD FACTOR (LF)

DESCRIPTION OF LOAD	TEMP F	LOAD IN KIPS (DOES NOT INCLUDE L.F) V1	T1	L1	V2	T2	L2	V3	T3	L3	VG	TG	LG	W PSF	Δg	θg

COMMENTS:

V1=VERTICAL LOAD, KIPS
T1=TRANSVERSE LOAD, KIPS
L1=LONGITUDINAL LOAD, KIPS
w=WIND LOAD ON THE POLE,PSF
Δ = DEFLECTION AT GROUNDLINE
θg=ROTATION AT THE GROUND.

TRANSMISSION LINE STRUCTURE

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Attachment C. Application Requirements

1. Pole deflection limitations
   a. Means of achieving..... Pole Strength
   b. Amount of..... See Drawings
   c. Loading conditions for..... See Drawings

2. Foundation type..... Direct Embed & Concrete Pier

   a. Design concrete compressive strength (psi).. TBD
   b. Maximum anticipated foundation rotation measured from the vertical axis(degrees) and maximum anticipated deflection at the groundline (inches)..... N/A

3. Special Charpy requirements..... N/A

4. Maximum diameter (flat-to-flat) at groundline (inches).....a. Tangent: Not Specified

   b. Angle: Not Specified

   c. Deadend: Not Specified

5. Maximum taper (inches/foot) based on total difference between top and bottom diameters. 0.45 inches/ft

6. Guy wire modulus of elasticity..... N/A

7. a. Surface protection desired..... N/A
   b. If painted, color desire..... N/A

8. a. Climbing device desired..... Step Bolts
   b. Quantity of removable ladders or step bolts. Determined By Vendor

9. Unguyed angle poles to be raked or precambered..... N/A

10. Unguyed tangent deadends to be raked or precambered..... N/A

11. Grounding plate or nut..... NEMA 2 Hole Pad

Attachment C. Application Requirements (Cont'd)

12. Component weight restrictions..... N/A
13. Pole length restrictions..... N/A
14. Delivery schedule..... TBD
15. Free on board destination..... Yes

16. Structures to be tested:

Structure Type	Load Cases to be Tested
a.	See Load Tables in Structure Drawings
b.	
c.	

17. Miscellaneous

Attachment D. Drawings (To be added by owner)

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Attachment E. Bid Summary-Design Information, Weights, and Costs
(To be completed by the manufacturer and submitted with proposal)

POLE DESIGN

DESCRIPTION		STRUCTURE HEIGHT									
DIAMETER TAPER (IN/FT), 1ST SECT.											
DIAMETER TAPER (IN/FT), 2ND SECT.											
BOTTOM DIAMETER											
TOP DIAMETER											
CROSS SECTION TYPE											
MATERIAL THICKNESS (IN),1ST SEC											
MATERIAL THICKNESS (IN),2ND SEC											
ASTM	MATERIAL										
	GRADE										
GOVERNING LOAD CASE(S)											
MAX. MOMENT AT GROUNDLINE											
MAX. SHEAR AT GROUNDLINE											
MAX. AXIAL LOAD AT GROUNDLINE											
MAX. LOAD IN GUY											
ANCHOR BOLTS	SIZE/SPACING										
	LENGTH										
	CAGE DIAMETER										

ARM DESIGN

DESCRIPTION		ARM TYPE AND DATA									
		A	B	C	D	E	F			OHGW	
TAPER (IN/FT)											
END DIAMETER (IN)											
DIAMETER AT POLE (IN)											
CROSS SECTION TYPE											
ASTM	MATERIAL										
	GRADE										
GOVERNING LOAD CASE(S)											
MOMENT AT THE POLE (KIP-FT)											
GOVERNING LOAD CASE(S)											
MOMENT AT THE POLE (KIP-FT)											

SUMMARY

ITEMS	STRUCTURE HEIGHTS									
WEIGHT OF ARMS (TOTAL)										
WEIGHT OF POLE										
WEIGht OF ANCHOR BOLTS										
TOTAL WEIGHT PER STRUCTURE										
TOTAL COST PER STRUCTURE										
NUMBER OF STRUCTURES										
TOTAL WEIGHTS										
TOTAL COSTS										

COMMENTS

TRANSMISSION LINE STRUCTURE

ATTACHMENT E
BID SUMMARY - DESIGN, WEIGHTS, AND COSTS
(information to be supplied with proposal)

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APPENDIX A

COMMENTARY

APPENDIX A

COMMENTARY ON GUIDE SPECIFICATIONS FOR STEEL POLE STRUCTURES

1. General

The necessity of a clear bid specification for the purchase of steel poles is very important to the bid evaluation process and the acquisition of structurally adequate poles. The specification should contain sufficient requirements and information so that all bids can be evaluated equally and so that the fabricator clearly understands what is expected.

The basis of the technical specification is the American Society of Civil Engineers (ASCE) standard on Design of Steel Transmission Pole Structures, with additions and/or exceptions made to the specification. There are several items in the specification which need further explanation. The section references in the commentary refer to the section in the Specifications.

2. Section 5.a - Design Requirements

Loads - Section 5.a. (1)

The primary loads for transmission pole structures are weather loads and erection loads. Erection loads in the handling of the steel poles are determined by the manufacturer and included in the manufacturer's design. Erection loads incurred in the construction of the line should be determined by the owner and specified in the loading trees. Weather loads must be clearly specified by the owner. The location and direction of loads should be indicated in a loading agenda or loading trees, and should have units of Newton's, pounds, or kips (or for uniform wind loads on the structure, Pascal's, lb./ft.^{2}, or kips/ft.^{2}). The specifying of loads in the form of general environmental criteria such as wind velocity or radial thickness of ice, is insufficient. Not only is there difficulty in evaluating bids, but there also is a greater possibility of error in calculated design loads.

ASCE Publication on the Guidelines for Electrical Transmission Line Structural Loadings, (Manual 74), describes different load conditions. Load factors for NESC light, medium, and heavy loading districts should be at least equal to those given in the latest edition of NESC for Grade B construction. Load factors for extreme ice and extreme wind should be at least 1.1. The load factors suggested for extreme conditions are made with the idea that testing of the structure will be to the calculated loads with a load factor of 1.0. Extreme wind loads for recurrence intervals greater than 50 years should also be considered. An appropriate gust factor should be applied to the wind velocity when considering wind on the structure. Arms should be able to sustain a minimum working load of 500 pounds for a lineman in addition to conductor and insulator design loads.

The normal load for 60°F no wind should be given as one of the loading cases so that davit arms and/or camber of a pole can be properly designed.

P-delta (P-Δ) Moments

The specification requires the fabricator to include in its analysis the secondary moment due to the unbalanced vertical load. Whenever there is a transverse or longitudinal load, the pole will deflect in the direction of the load. As a result, the vertical loads are no longer in its original position. The vertical loads have moved over as the pole deflects, causing additional moments (sometimes called P-Δ moments). This specification requires this deflection related moment to be included in the analysis. The deflection and resulting P-Δ moment should be calculated for the loads (including load factors) indicated in the loading agenda.

Foundation Rotation and Deflection

This specification allows the user the option of specifying a foundation rotation, either as a maximum for all load cases or as a certain amount for each load case. For purposes of bidding and design, the owner or owner's engineer also has the option to simply specify a fixed base with no foundation rotation or deflection.

When specifying the maximum value for the foundation rotation and deflection for all load cases, the engineer establishes performance requirements for the steel pole and foundation. In determining this value, aesthetics, phase-to-structure clearances, phase-to-ground clearances, or even the ability to replumb a structure should be considered.

The specifying of a rotation and deflection for each load case is a refinement in analysis and design which allows the user to match types and probability of loads with foundation response. For instance, under a 50-year extreme wind load, one may allow more foundation deflection and rotation than under NESC heavy loading district loads.

In the case where foundation rotation-deflection is specified, the manufacturer should include such effects in calculations of final deflected pole stresses (P-Δ effects). The rotation and deflections when specified should be for the respective loads with load factors.

Longitudinal Loads

Because steel poles are flexible structures, there may be a reduction in induced moments in a pole under some types of longitudinal loads due to the restraining effect of the overhead ground wires. Traditionally, static longitudinal loads are specified due to the complexity of calculating the influence of structure flexibility. Reducing these loads because of the restraining effects of the static wires presents certain difficulties in bid evaluation.

In order to be certain that steel pole bids can be evaluated on an equal basis, this specification requires that all longitudinal loads specified in the loading agenda are not to be reduced due to flexibility of the structure. If the owner wishes to take advantage of structure flexibility, then the owner's engineer should estimate structure and line parameters. The "reduced" longitudinal design loads should then be specified on the loading trees.

This approach is better than having the steel pole manufacturers account for structure flexibility since: (1) not all manufacturers have the capability to perform such an analysis, (2) the owner or owner's engineer will have to evaluate the manufacturer's design anyway, and (3) plan and profile drawings would have to be included in the contract documents so that proper evaluation of the effect of longitudinal loads between deadends can be made.

Shape Factors - Section 5.a.(2)

Shape factors (drag coefficients) have been established for various pole cross sections so that manufacturers will be designing on the same basis. These drag coefficients are a function of wind velocity, diameter, and shape of the member. If the user modifies this section of the specification in order to reflect more refined drag coefficients, the user should be certain to provide all additional information needed to clearly and precisely define the loads.

Guy Wires - Section 5.a.(5)

Any time a steel pole structure is guyed, the guy type, size, modulus of elasticity and guy slope or angle must be specified by the owner. The manufacturer needs this information to properly analyze the structure. This specification limits the load in the guy to 65 percent of its ASTM rated breaking strength. The manufacturer should design the pole and guy wire(s) as a system. The manufacturer may wish to reduce pole capacity by using a larger than specified guy wire size. This action should be avoided unless the owner approves the use of a larger guy size, and subsequent anchor changes.

In design, the loads with the respective load factors are applied at appropriate locations on the guyed structure.

The guy modulus of elasticity can increase from a minimum value at the time of manufacture, to a maximum value which results from periodic stretching and relaxing during the load cycles. Ranges from 19,000 ksi to 28,000 ksi have been stated. The ASCE 48 Design of Steel Transmission Pole Structures has suggested a guy wire modulus of elasticity of 23,000 ksi be used by the pole designer whenever it is not specified.

Ratio of Minor to Major Axis - Section 5.a.(10)

Longitudinal loads are sometimes difficult to determine. In order to reduce the chances of a cascading failure in a tangent structure, this specification requires the minor axis of an elliptical or rectangular section to be not less than 75 percent of the major axis. This requirement will provide inherent longitudinal strength for steel pole tangent structures. In most instances, this inherent longitudinal strength is naturally provided in the design process.

Wind Induced Vibrations

Members of all types of transmission structures may occasionally be subject to wind induced vibrations.

The manufacturer should detail each structure using good design practices considering this possibility. If vibrations are experienced, the owner should add additional damping to the structure. Damping may be particularly important on structures which are to be installed without conductors for an extended period of time.

Direct Embedded Steel Poles - Section 5.a.(8)

There may be problems associated with requiring a base/bearing plate for direct embedded poles where soil conditions require the use of driller's mud during the augering process. When installing the pole, the pole may float and it is impossible to set it in the foundation unless the water is removed from the hole, which may cause the sides of the hole to collapse. Specifying galvanized poles with a 6 to 12-inch diameter hole in the base plate may be necessary. Once crushed rock is placed in the bottom of the hole, the pole lowered, the drillers mud and water can be pumped out of the hole as the pole is set. The remaining water in the pole will drain out of the bottom of the pole through the crushed rock. If weathering steel poles are used and a hole is placed in the bearing plate, the embedded portion of the pole should be coated inside and outside.

Use of direct embedded steel poles should be evaluated for the first two spans outside of a substation or generating plant. The large amount of copper used in a substation grounding grid may create a galvanic corrosion cell, with the steel of the pole sacrificing itself. Anodes or extra subsurface protection may be needed.

3. **Section 5.b - Materials**

Charpy Requirements - Section 5.b.(6)

A Charpy test is a notch-bar impact test used to compare notch sensitivities of materials. The impact values cannot be converted into energy figures for use directly in engineering design. The impact value from the notch-bar impact test is used only as a comparison test. For example, if a type of steel has been found to have a good notch toughness in

service and its impact value is known, it is assumed that other types of steel having the same impact value will also have the same notch toughness. The ASCE design standard for steel poles has established impact values for the Charpy notch-bar impact test. These values are a function of yield stress, plate or bar thickness, and temperature.

Notch-bar impact tests are used to help determine if a normally ductile material might behave in a brittle manner. Three main factors which influence if a material will behave in a brittle or ductile manner are triaxiality, strain rate, and temperature. Ductile materials tend to become more brittle as triaxiality increases, strain rate increases, or temperature decreases. Since brittle materials require far less energy for fracture than ductile materials of the same strength, one can realize the importance of the Charpy test for steel poles used on transmission lines.

The tendency is to reduce temperature requirements of the Charpy test for structures to be in service in warm climates such as Louisiana or Florida. This is not recommended. However, for locations in which temperatures may be extremely low, lower temperature values may need to be specified.

The ASCE design standard specification contains Charpy requirements for structural plate, anchor bolts, and weld materials. The material used for making welds is required to meet the impact requirements for the lowest toughness requirements of the plates being joined.

4. **Section 5.c - Fabrication** (no comments)

5. **Section 5.d - Finishes**

Weathering Steel

There are environments where weathering steel is not recommended in a bare, uncoated condition because the protective, tight oxide will not form properly. These environments include: (1) atmospheres containing concentrated corrosive industrial fumes, (2) marine locations subject to salt-water spray or salt-laden fogs, or (3) applications where the steel may be continuously submerged in water (salt or fresh)or buried (bare) in soil. Use of weathering steel poles near roads that are salted during the winter should be avoided.

In general, weathering steel is intended for and is most often used in a bare, uncoated condition. However, those surfaces that will not be boldly exposed to the weather or subjected to a wet-dry cycle should be protected from corrosion. Flat, horizontal surfaces are particularly vulnerable. Also, in areas where ground cover will grow to a height where it will contact the pole and rub the protective weathering steel coat off, or in areas where the vegetation will keep the pole moist, the steel surface should be protected from corrosion by application of a coating. For direct embedded steel poles, the polyurethane coating may have to be extended above the top of the ground sleeve to protect the weathering steel pole from moisture entrapped by vegetation or rubbing by groundcover.

If the pole is to be embedded in concrete, the interface between the pole, concrete, and the atmosphere should be protected in such a way as to prevent water leakage between the concrete and steel. Otherwise, moisture would remain and possibly cause corrosion at the same rate as carbon steel.

Blast cleaning after fabrication of a weathering steel pole will help to assure a cleaner, more uniform, weathering appearance in a shorter period of time.

Grounding

When poles are direct embedded, this specification requires a polyurethane coating to be applied to the exterior surface of the embedded portion of the pole. This coating will tend to insulate the pole from the ground and as such, supplemental grounding is necessary. When the pole is galvanized and there is no coating on the embedded portion of the pole, the pole may be used as the pole ground. If the foundation is a concrete caisson, a separate ground should be installed.

Use of copper or copper clad ground wire and rods should be avoided with direct embedded poles.

Additional Protection

The owner or owner's representative should determine if the embedded poles should be protected by anodes. If it is necessary, requirements for sacrificial anodes and their installation should be incorporated in the construction specification.

6. **Section 5.h - Inspection And Testing** (no comments)

7. **Section 5.i - Structure Testing**

   An option is available in the specification for full-scale testing of a structure or structures. For a manufacturer which has been designing and fabricating steel poles with the same processes for a number of years, the need for testing of a steel pole is questionable. Structure testing may be appropriate in cases where there are unusual requirements, new fabrication techniques, or where there are numerous tangent structures of the same or similar design.

8. **Section 5.j - Shipping**

   The owner may wish to order 5 percent overage of all fastening hardware.

   Lumber treated with salts (Ammoniacal copper arsenate, ACA, Ammoniacal copper zinc arsenate, ACZA, and Chromated copper arsenate, CCA) to retard "decay or fire" will chemically attack the steel. Urethane foam or some foams containing fire retardants should also not be used in packaging and shipping. When these materials become wet, they become very corrosive.

9. Section 6 - Information To Be Supplied By The Manufacturer With The Proposal

In order to properly evaluate bids, the specification requires certain information to be supplied with the bid. This information may be supplied on the preliminary drawings from the bidder. If the forms in Attachment B are used, one will be able to quickly review the information on the forms and simultaneously compare the information from the different manufacturers.

10. Section 7 - Approval, Acceptance, and Ownership (no comments)

APPENDIX B

EXAMPLES OF ATTACHMENTS A & B OF THE SPECIFICATIONS

ATTACHMENT "A": STRUCTURE DIMENSIONS AND OTHER INFORMATION

A. ARM DESIGN - CLEARANCE REQUIREMENTS

NSULATOR STRING LENGTH : 70

LOADING CONDITION	SWING ANGLE DEGREES	CLEARANCE C1,C2,C3 (INCHES)
NORMAL,C1, Φ1	22°	66
6 LB. C2 Φ2	60°	35
HIGH WIND,C3 Φ3	78°	14

B. SHIELD ANGLE IS 30±

C. GUY INFORMATION

GUY TYPE AND SIZE : N.A.

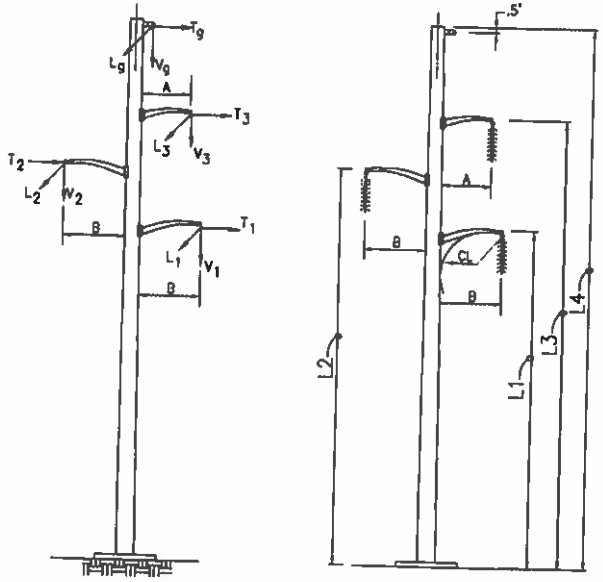
R.B.S. : N.A. Lead : N.A.

D. ARM DIMENSIONS

ARM	LENGTH	ARM	LENGTH
A	9.0		
B	10.0		

E. POLE DIMENSIONS

DIM	TOTAL POLE LENGTH									
	80	90	100	110						
L1	59	69	79	89						
L2	65	75	85	95						
L3	71	81	91	101						
L4	80	90	100	110						
L5										
L6										



F. LOAD INFORMATION

DESIGN SPANS : V.S. 1200' H.S. 900' **RULING SPAN** 800'

LINE ANGLE : MAX. 0° MIN. : 0° **WT. OF INSUL(LBS)** 600

CONDUCTOR : 795 26/7

DESCRIPT. OF LOAD,	TEMP	UNIT LOADS VERT	LF	TRANS	LF	LONGITUDINAL KIPS	LF	WIRE TENSION KIPS	LF
NESC Heavy (4)	, 0°	2.094	1.5	0.703	2.5	1.4	1.65	13.0	1.65
High Wind (21 psf)	, 60°	1.094	1.1	1.939	1.1	---	---	10.8	1.1
Ext Ice& Wind (1", 4 psf)	, 32°	3.715	1.1	1.036	1.1	---	---	14.8	1.1
Unbal. Ice (1"/0")	, 32°	2.405	1.1	---	---	---	---	3.1	1.1
No Load	, 60°	1.094	---	---	---	---	---	7.7	1.0
No Load	, 32°	1.094	---	---	---	---	---	8.6	1.0
OHGW									
NESC Heavy (4)	, 0°	0.980	1.5	0.478	2.5	0	---	8.3	1.65
High Wind (21 psf)	, 60°	0.399	1.1	0.761	1.1	---	---	6.7	1.1
Ext Ice& Wind (1", 4 psf)	, 32°	2.184	1.1	0.812	1.1	---	---	9.6	1.1
Unbal. Ice (1"/0")	, 32°	1.291	1.1	---	---	---	---	2.21	1.1
No Load	, 60°	0.339	---	---	---	---	---	5.9	1.0
No Load	, 32°	0.339	---	---	---	---	---	6.3	1.0

CROWDER TAP

TRANSMISSION LINE STRUCTURE

TANGENT SUSPENSION
161 kV

Scale	Rural Cooperative	9/1/2007
None		TUS-1

ATTACHMENT "B" DESIGN LOADS (CONDUCTOR 795, 26/7 ACSR OHGW 7/16 E.H.S. V.S. 1200' H.S. 900')

a. LOADS WITH OLF

DESCRIPTION OF LOAD	TEMP	LOADS IN KIPS (INCLUDES L.F)												w		
	°F	V1	T1	L1	V2	T2	L2	V3	T3	L3	VG	TG	LG	psf	Δg	θui
1. NESC Heavy	0	5.27	1.58	2.31	5.27	1.58	2.31	5.27	1.58	2.31	1.76	1.08	0.00	10.0	0	0
2. High Wind (21 psf)	60	2.10	1.92	---	2.10	1.92	---	2.10	1.92	---	0.53	0.75	---	39.0	0	0
3. Ext.Ice & wind (1", 4psf)	32	5.56	1.03	---	5.56	1.03	---	5.56	1.03	---	2.88	0.80	---	4.0	0	0
4. Unbalanced Ice (cond)	32	3.83	---	3.41	5.84	---	---	5.84	---	---	2.88	---	---	---	0	0
5. Unbalanced Ice (OHGW)	32	5.89	---	---	5.84	---	---	5.84	---	---	1.70	---	2.43	---	0	0
6. High Wind (no cond)	60				---	---	---	---	---	---	---	---	---	39.0	0	0

b. LOADS WITHOUT OLF

DESCRIPTION OF LOAD	TEMP	LOADS IN KIPS (DOES NOT INCLUDE L.F.)												w		
	°F	V1	T1	L1	V2	T2	L2	V3	T3	L3	VG	TG	LG	psf	Δg	θg
1. NESC Load	0	3.36	0.63	1.40	3.36	0.63	1.40	3.36	0.63	1.40	1.18	0.43	0.00	4.0	0	0
2. High Wind (21 psf)	60	1.80	1.75	---	1.80	1.75	---	1.80	1.75	---	0.48	0.68	---	35.5	0	0
3. Ext.Ice & wind (1", 4psf)	32	5.06	0.93	---	5.06	0.93	---	5.06	0.93	---	2.62	0.73	---	4.0	0	0
															0	0
															0	0
															0	0
7. No Load	60	1.31	0.00	---	1.31	0.00	---	1.31	0.00	---		---	---	---	0	0

COMMENTS:

1. "w"is for a shape factor of 1.0.
2. Loads "T" and "L" are reversible.
3. High wind from load case "6" is from any direction.
4. Load case "4" is for any conductor position.
5. Refer to Drwg. on Att. A for load location.

V1=VERTICAL LOAD, KIPS
T1=TRANSVERSE LOAD, KIPS
L1=LONGITUDINAL LOAD, KIPS
w = WIND LOAD ON THE POLE, PSF
Δ = DEFLECTION AT GROUNDLINE

CROWDER TAP

TRANSMISSION LINE STRUCTURE

TANGENT SUSPENSION
161 kV

Scale	Rural Cooperative	9/1/2007
None		TUS-1

APPENDIX C

SELECTED SI-METRIC CONVERSIONS

Selected SI-Metric Conversions

AREA

To Convert From	To	Multiply By
circular mil (cmil)	square meter (m^2)	5.067075 E-10
square centimeter (cm^2)	square meter (m^2)	*1.000 E-04
square foot (ft^2)	square meter (m^2)	*9.290304 E-02
square inch (in^2)	square meter (m^2)	*6.451600 E-04
square kilometer (km^2)	square meter (m^2)	*1.000 E+06
square mile (mi^2)	square meter (m^2)	2.589988 E+06

FORCE

To Convert From	To	Multiply By
kilogram force (kgf)	Newton (N)	*9.806650
kip	Newton (N)	4.448222 E+03
pound force (lbf)	Newton (N)	4.44822

FORCE PER LENGTH

To Convert From	To	Multiply By
kilogram force per meter (kgf/m)	Newton per meter (N/m)	*9.806650
pound per foot(lb/ft)	Newton per meter (N/m)	1.459390 E+01

DENSITY

To Convert From	To	Multiply By
pound per cubic inch (lb/in^3)	kilogram per cubic meter (kg/m^3)	2.767990 E+04
pound per cubic foot (lb/ft^3)	kilogram per cubic	1.601846 E+01

LENGTH

To Convert From	To	Multiply By
foot (ft)	meter (m)	3.048 E-01
inch (in)	meter (m)	*2.540 E-02
kilometer (km)	meter (m)	*1.000 E+03
mile (mi)	meter (m)	*1.609344 E+03

*Exact Conversion

Selected SI-Metric Conversions (Cont.)

LOAD CONCENTRATION

To Convert From	To	Multiply By
pound per square inch (lb/in^2)	kilograms per square meter (kg/m^2)	7.030696 E+02
pound per square foot (lb/ft^2)	kilograms per square meter (kg/m^2)	4.788026
ton per square foot (ton/ft^2)	kilograms per square meter (kg/m^2)	9.071847 E+02

PRESSURE

To Convert From	To	Multiply By
kip per square inch (kip/in^2)	Pascal (Pa)	6.894757 E+06
kip per square foot (kip/ft^2)	Pascal (Pa)	4.788026 E+04
Newton per square meter (N/m^2)	Pascal (Pa)	*1.000
pound per square foot (lb/ft^2)	Pascal (Pa)	4.788026 E+01
pound per square inch (lb/in^2)	Pascal (Pa)	6.894757 E+03

BENDING MOMENT

To Convert From	To	Multiply By
kilogram force meter (kgf-m)	Newton meter (N-m)	*9.806650
kip-foot (kip-ft)	Newton meter (N-m)	1.355818 E+02
pound-foot (lb-ft)	Newton meter (N-m)	1.355818

VELOCITY

To Convert From	To	Multiply By
foot per second(ft/s)	meter per second (m/s)	*3.048 E-01
kilometer per hour (km/h)	meter per second (m/s)	2.777778 E-01
mile per hour(mi/h)	meter per second (m/s)	4.437030 E-01
meter per hour(m/h)	meter per second (m/s)	2.777778 E-04

*Exact Conversion.

Disclaimer: The contents of this guidance document does not have the force and effect of law and is not meant to bind the public in any way. This document is intended only to provide clarity to the public regarding existing requirements under the law or agency policies.

UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Utilities Service

BULLETIN 1724E-214

RD-GD-2019-96

SUBJECT: Guide Specification for Standard Class Steel Transmission Poles

TO: RUS Electric Borrowers, Consulting Engineers, and RUS Electric Program Staff

EFFECTIVE DATE: Date of Approval

OFFICE OF PRIMARY INTEREST: Engineering Standards Branch, Electric Program

FILING INSTRUCTIONS: This bulletin replaces RUS Bulletin 1724E-214, "Guide Specification for Standard Class Steel Transmission Poles" issued March 23, 2017.

AVAILABILITY: This bulletin can be accessed via the Internet at: https://www.rd.usda.gov/publications/regulations-guidelines/bulletins/electric

PURPOSE: This bulletin provides guidance for procuring standard class steel poles for transmission applications.

JAMES ELLIOTT Digitally signed by JAMES ELLIOTT Date: 2019.04.09 11:32:43 -04'00'
Christopher A. McLean
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April 9, 2019
Date

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ABBREVIATIONS

ACA	Ammoniacal Copper Arsenate
ACSR	Aluminum conductor steel reinforced
ACZA	Ammoniacal Copper Zinc Arsenate
ANCO	American Nut Company
AISC	American Institute of Steel Construction
ANSI	American National Standards Institute
ASCE	American Society of Civil Engineers
ASTM	American Society for Testing and Materials
AWS	American Welding Society
CCA	Chromated Copper Arsenate
DFT	Dry Film Thickness
Eq. F	Equivalency Factor
HSS	High Strength Steel
kV	kilovolt
ksi	kips (1000 lb.) per square inch
mph	miles per hour
LF	Load factor
NACE	National Association of Corrosion Engineers
NESC	National Electrical Safety Code
NEMA	National Electrical Manufacturers Association
OHGW	Overhead ground wire
psf	pounds per square foot
psi	pounds per square inch
UNC	unified coarse threads
RUS	Rural Utilities Service
SSPC	Steel Structure Painting Council

DEFINITIONS

Borrower – An entity which borrows or seeks to borrow money from or arranges financing with the assistance of the Rural Utilities Service through guarantees, lien accommodations or lien subordinations.

RUS Form 198 – *Equipment* Contract.

Rural Utilities Service (RUS) – An Agency of the United States Department of Agriculture, under Rural Development.

INDEX:

Materials and Equipment: Guide Specifications for Standard Class Steel Poles
Poles: Steel
Specifications and Standards: Guide Specifications for Standard Class Steel Poles.
Transmission Facilities: Poles (Steel)

INSTRUCTIONS WHEN USING THE GUIDE SPECIFICATIONS FOR STANDARD CLASS STEEL TRANSMISSION POLES

1. PURPOSE

The intent of this guide specification is to provide Rural Utilities Service (RUS) Electric Program borrowers a basis for procuring standard class steel poles for transmission applications. Use of this specification should help eliminate ambiguities that might arise in the evaluation process of competitively bid standard class steel poles procurements.

Borrowers or their engineering representatives will need to complete this specification and add documents as appropriate. Modifications to this specification may be necessary to consider special applications or preferences of the owner.

2. SCOPE

This suggested purchase specification covers the technical aspects of design, materials, manufacturing, inspection, testing, and delivery of direct embedded standard class steel poles. It is recommended that this specification be limited to single poles that are not guyed, not subjected to unbalanced lateral loads, or do not have unusual deflection or other special limitations. For applications that consider these items, it is recommended that the owner use "Guide Specifications for Steel Single Pole and H-Frame Structures," RUS Bulletin 1724E-204.

This guide specification does not include contract (front-end) documents or specifications for construction. The user of this specification should add these documents, including general conditions and any supplemental instructions to the bidders. This specification may be expanded to include H-frame structures.

3. INITIAL DESIGN CONSIDERATIONS

There are engineering decisions required of the user of this specification to determine which standard class steel poles to specify. Some examples include, but are not limited to:

- *Amount of foundation rotation in contributing to P-delta moments;*
- *Location of point of fixity;*
- *Embedment depths;*
- *Load cases to be considered in addition to those required by the National Electrical Safety Code (NESC); and*
- *Deflection limitations.*

Prior to the selection of a standard class pole, the user should perform the engineering required for these types of issues or employ an engineering consultant to do so. See Appendix A of this bulletin for a discussion of some of these items.

4. *INFORMATION TO BE COMPLETED BY THE OWNER*

Users of these specifications should detach the instructions and the Appendices, and add or complete the following:

a. *Documents and general information to be added to the technical specification: Front-end documents and general information which need to be added to this technical specification.*

- *RUS Form 198, Equipment Contract (Recommended for competitive bidding)*
- *Supplemental Instructions to Bidders*
- *General Conditions*

When there is competitive bidding, it is recommended that RUS Form 198 be used. This form covers Notice and Instructions to Bidders, Proposal, and Equipment Contract. For the 2nd item above, Supplemental Instructions, the user may want to add such items as Bid Submission, Bid Price and Schedule, Bid Acceptance Period, Bid Requirements, and Bid Data. A section on General Conditions could include such items as Definition of Terms, Interpretation of Bid Documents, Addenda to the Bid Documents, Insurance, Method of Payment (if RUS Form 198 is not used), Quantities, and Tabulation of Unit Prices.

b. *Requirements to the technical specifications to be added or completed by the owner or owner's representative and supplied to the bidders include:*

(1) *Configuration requirements and other information (Attachment A of the Specification or equivalent):*
- *Pole Length*
- *Pole Class*
- *Pole Framing (Pole attachment requirements)*
- *Embedment Depths*

(2) *Strength requirements and standard class designations for steel poles*

This specification establishes standard steel pole sizes. The engineer in the design process needs to select the appropriate standard class pole from Table 1 based on loading requirements and a calculated load 2 feet from the top.

Minimum design loads have to meet NESC requirements which are appropriate for the loading district, the NESC extreme wind load provisions, NESC extreme ice with concurrent wind and any necessary extreme ice and wind conditions with the appropriate load factors and any local codes. The design loads account for all loading cases, including wind on pole and secondary stresses from foundation deflection and rotation, and from vertical loads acting on lateral pole deflection (P-delta effect).

The American Society of Civil Engineers (ASCE) Guidelines for Electrical Transmission Line Structural Loading can be used for developing loads produced by climate, accidents, construction and maintenance. Calculations need to include the vertical, transverse, and longitudinal loads with wind on the structure and the dead weight of the structure for any given loading condition applied simultaneously. All loads require appropriate load factors.

(3) Application Requirements (Attachment B of the Specification to be completed by the owner.)

- *Type of pole finish.*
- *Special Charpy requirements.*
- *Desired method of surface protection.*
- *Preference of climbing ladders, steps or stepbolts. Also, quantity of removable ladders, steps or step bolts to be supplied with the total order of poles should be specified.*
- *Location of climbing and /or working ladders or step bolts.*
- *Ground collar*
- *Pole grounding method.*
- *Delivery schedule, and free on board destination, and owner's contact.*
- *Miscellaneous additional items such as special attachments requirements, climbing devices, hot line maintenance requirements switch operating mechanisms, location of bolt holes for other equipment requirements.*
- *Pole tests (if required).*

5. INFORMATION TO BE COMPLETED BY THE MANUFACTURER

a. The owner or owner's representative should have the following information completed and submitted by each bidder (Attachment C of this specification or equivalent).

(1) Design information (Pole Framing Drawing and length). This will demonstrate conformance with the design needs.

(2) For each standard class steel pole, provide the diameter at the top, at the ground line, and at the bottom, plus the pole taper. This will demonstrate conformance with the requirements of paragraph 5.a.(2)(c).

(3) For each standard class steel pole, provide the following general information: the weight of each pole; the tip load of each pole class; the location of the point of fixity; the type of steel according to American Society of Testing and Materials (ASTM) number and yield; the pole cross sectional shape; and the connection details for multiple piece poles

(slip/flange joints). This will demonstrate conformance with the requirements of paragraphs 5.a.(1), 5.a.(2), 5.a.(3), and 5.a.(6).

(4) *For each standard class steel pole, provide the following calculations at the ground line: Moment, Shear, Axial load, and Cross-sectional area. This will demonstrate conformance with the requirements of section 5.a.*

(5) *For each standard class steel pole, provide the following calculations at the point of fixity: Moment, Shear, Axial load, and Cross-sectional area. This will demonstrate conformance with the requirements of section 5.a.*

(6) *For each standard class steel pole, provide the wall thickness at the pole top, ground line, and bottom. This may be provided in catalog form.*

(7) *For each standard class steel pole provide the pole top deflection due to design load.*

b. *Documentation which the successful bidder needs to supply for approval by owner or owner's representative prior to manufacture of the pole include:*

(1) *Description of pole including geometry, thickness, length, diameter, taper, and hole locations.*

(2) *Complete design/erection reproducible drawings for each pole class.*

(3) *Anticipated deflection of pole at specified tip load.*

(4) *Connection and Assembly Details on multiple piece poles.*

c. *Test reports (as requested by the owner).*

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SPECIFICATIONS FOR STANDARD CLASS STEEL TRANSMISSION POLES

1. **SCOPE:** This specification covers the design, materials, welding, inspection, protective coatings, drawings and delivery of unguyed standard class, direct embedded, steel transmission poles. The poles are to be used in single pole, unguyed situations.

2. **DEFINITIONS**

Appurtenance – Any hardware or structural members that are attached to the pole to make a complete structure.

Bearing Plate – A plate at the base of the pole that is intended to transfer the vertical loads of the pole.

Charpy Impact – The impact properties of the material which are used to evaluate the susceptibility of structural steel to brittle fracture. See ASTM A370 and ASCE 48 for details.

Crook – A localized deviation from straightness that causes the centerline of one section of the pole not to align with the centerline of another section of the pole.

Circumferential Weld /C-weld – A weld perpendicular to the long axis of a structural member.

D/t – The ratio of the diameter of a tubular pole to the plate thickness.

Engineer – A registered or licensed person, who may be a staff employee or an outside consultant, and who provides engineering services. Engineer also includes duly authorized assistants and representatives of the licensed person.

Ground Collar – An additional steel plate jacket that encapsulates the portion of the buried pole immediately above and below the *groundline.*

Group of Bolt Holes – All of the holes in which an appurtenance will be attached.

Guyed Structure – A structure in which cable supports are used to increase its lateral load resistance.

Groundline – A designated location on the pole where the surface of the ground will be after installation of a direct embedded pole. The groundline location will be used to locate the *ground collar* and other attachments to the pole.

Flanged Connection/splice – A bolted type connection.

Factored Load – The maximum design load that includes the appropriate load factor specified.

In-Line Face – The face of the pole which "faces" an adjacent structure in the line.

Longitudinal Weld – A weld parallel to the long axis of a structural member.

Manufacturer – The company responsible for the fabrication of the poles. The manufacturer fabricates the poles based on the design drawings developed by the structural designer, which is the manufacturer's engineer responsible for the structural design of the poles.

Load Factors (LF) – A multiplier, which is applied to each of the vertical, transverse and longitudinal structure loads to obtain a *factored load*.

Owner – The Rural Utilities Service borrower or owner's representative.

P-delta (P-Δ) Moment – A measure of the increase in bending moment resulting from a structure's displacement under load.

Pole Height – For this bulletin, this term is used interchangeably with *pole length*.

Pole Length – The length from the pole top to the bearing plate on the pole bottom.

Pole Sweep – The measure of deviation from straightness along the length of the pole.

Point of Fixity – The point where the maximum moment occurs. The actual location of this point is dependent on the characteristics of soils around the embedded portion of the pole. For this specification it will be assumed to be equal to 7 percent of the pole length.

Pole Twist – spiral rotation of a pole section relative to the pole end. It is caused by the residual stress in the steel as received from the mill, the clamping force holding the tube shells together and the heat applied during the seam welding process.

Slip Connection/splice – A telescoping type connection of two tapered tubular pole sections.

Standard Class Pole – A direct embedded steel pole that is designed according to a standardized strength and loading criteria established by the owner.

Taper – The change in diameter of a tubular section from its base to its top.

Tip Load – The horizontal load that is applied to the standard class pole at a distance of 2 feet from the pole top.

Yield Strength – The minimum stress at which a material will start to physically deform without further increase in the load or which produces a permanent 0.2 percent deformation. This is also known as the elastic limit of the material.

Ultimate Moment Capacity – The moment that is developed in the pole at the time the yield strength of the pole is realized.

w/t – Ratio of a flat width of a multisided pole to the thickness of the steel plate.

Weathering Steel – Steel that conforms to ASTM A588 or A871. This steel forms a natural protective oxide layer on the surface.

3. CODES AND STANDARDS

Codes, standards, or other documents referred to in this specification shall be considered as part of this specification. The following codes and standards are referenced:

a. American Institute of Steel Construction (AISC), "Specification for the Design, Fabrication and Erection of Structural Steel for Buildings," latest edition.

b. American Society of Civil Engineers (ASCE) Standard, "Design of Steel Transmission Pole Structures," ASCE 48, latest edition.

c. American Society of Testing and Materials (ASTM), various standards, latest revision. Referenced ASTM specifications:

A6/A6M	Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling
A36/A36M	Specification for Carbon Structural Steel
A123/A123M	Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
A143	Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement
A153/153M	Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
A325	Specification for High-Strength Bolts for Structural Steel Joints
A354	Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners
A370	Test Methods and Definitions for Mechanical Testing of Steel Products

A384	Practice for Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies
A570/A570M	Specification for Steel, Sheet and Strip, Carbon, Hot-Rolled, Structural Quality
A572/A572M	Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel
A588/588M	Specification for High Strength Low-Alloy Structural Steel with 50 ksi Minimum Yield Point to 4 in. Thick
A595	Specification for Steel Tubes, Low-Carbon, Tapered for Structural Use
A607	Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, columbium or Vanadium, or Both, Hot-Rolled and Cold-Rolled
A673/A673M	Specification for Sampling Procedure for Impact Testing of Structural Steel
A871/A871M	Specification for High Strength Low-Alloy Structural Steel Plate with Atmospheric Corrosion Resistance
B695	Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
B696	Specification for Coatings of Cadmium Mechanically Deposited

d. American Welding society (AWS), Structural Welding Code, AWS D1.1, latest edition.

e. American National Standards Institute (ANSI), National Electrical Safety Code, ANSI C2, latest edition.

f. Society for Protective Coatings (SSPC, formerly Steel Structure Painting Council)/ National Association of Corrosion Engineers (NACE) Surface Preparations Specification, SSPC/NACE SP-6/NACE 3.

4. CONFLICT BETWEEN THIS SPECIFICATION, DRAWINGS, AND REFERENCES DOCUMENTS

In the event of conflict between this specification and the above referenced documents, the requirements of this specification shall take precedence. In the case of conflict between several referenced documents, the most stringent requirement shall be followed. If a conflict exits between this specification or the referenced documents and the attached drawings, the attached drawings shall be followed. If clarification is necessary, contact the owner.

5. GENERAL REQUIREMENTS

The design, fabrication, allowable stresses, processes, tolerances, and inspection shall conform to ASCE Standard, "Design of Steel Transmission Pole Structures" (ASCE 48), latest edition, with the following additions and/or exceptions:

a. Design Requirements

(1) Pole designs shall be prepared for the attached Standard Class design loads. The poles shall be designed to meet ASCE 48, "Design of Steel Transmission Pole Structures", design methods. The point-of-fixity shall be considered to be located at a distance from the pole bottom that is equal to 7 percent of the pole length. The pole shall be symmetrically designed such that the strength required in any one direction shall be required in all directions about the longitudinal axis.

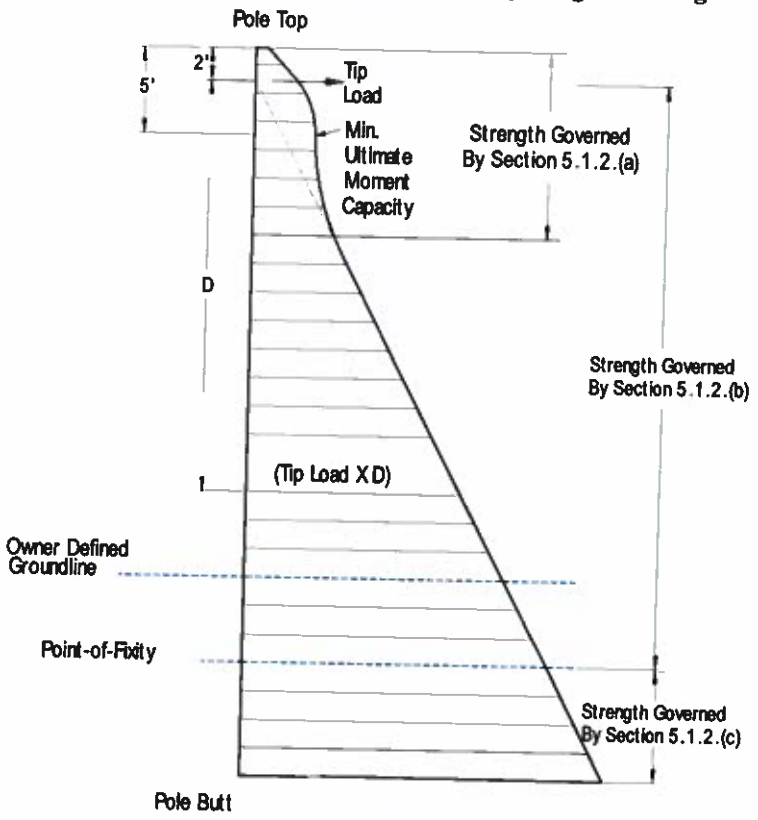
(2) Using the corresponding values in Table 1, the poles shall be designed for the following requirements as illustrated by Figure 1.

(a) The pole shall develop the minimum ultimate moment capacity required in Table 1 at a distance of five feet from the pole top.

(b) The pole shall develop the minimum ultimate moment capacity above the point-of-fixity that is calculated by multiplying the tip load in Table 1 by the distance to the tip load.

(c) The geometry and taper of the pole shall be uniform throughout their entire length (top to butt).

Figure 1
Minimum Ultimate Moment Capacity Diagram along the Pole



(3) The poles shall be designed to withstand the specified tip loading in Table 1 without exceeding a pole deflection of 15 percent of the pole length above the point of fixity when tested in accordance with ASCE 48.

(4) Overall length of poles shall be designed and manufactured in incremental lengths of 5 feet.

Table 1
Strength Requirements

Standard Class Designations for Steel Poles	Minimum Ultimate Moment Capacity At Five Feet From Pole Top (Ft.-Kip)	Horizontal Tip Load Applied 2 Ft from Pole Top (Lbs.)
S-12.0	96	12,000
S-11.0	88	11,000
S-10.0	80	10,000
S-09.0	72	9,000
S-08.0	64	8,000
S-07.4	57	7,410
S-06.5	50	6,500
S-05.7	44	5,655
S-04.9	38	4,875
S-04.2	32	4,160
S-03.5	27	3,510
S-02.9	23	2,925
S-02.4	19	2,405
S-02.0	15	1,950

(5) Poles shall be designed for the loads generated from handling and erecting without causing permanent deformation or damage to the pole when handled according to the manufacturer's instructions. Handling and erecting loads shall include but not be limited to, a one-point (tilting) pickup and a two-point (horizontal) pickup.

(6) The maximum design unit stress shall be the minimum yield strength as stated in applicable ASTM specifications for the particular application and types of loads, including load factors.

(7) Minimum plate thickness for all pole components shall be 3/16 inch.

(8) The owner shall provide the pole manufacturer with the load capabilities, attachment method, and attachment location of the appurtenances. The pole manufacture shall verify that the pole will not have a localized strength problem at the attachment point.

(9) All poles shall have bearing plates. Bearing plates shall have diameter not more than 2 inches greater than the maximum diameter at the pole butt.

(10) Galvanized poles shall have a drain hole at the bottom. This hole shall not be greater than 20 percent of the bottom plate surface area.

(11) Grade and type of steel shall be uniform for the poles.

(12) Ground collars to protect the pole groundline area from corrosive environments are required per Attachment B. Length of the ground collar shall be as specified ~~in Attachment B~~. Per Structure Drawings

(13) Ground collars shall have a minimum thickness of 3/16 inch; shall be centered at the groundline; and shall not be considered in strength calculations. A seal weld shall be provided around the ground collar at the top and bottom of the ground collar.

(14) The top of the pole shall be permanently covered with a structural steel plate that is bolted or otherwise permanently attached to the pole. The pole shall be delivered with the pole cover attached in place.

(15) Lifting lugs are optional. The manufacturer shall supply all guidelines for handling and erection of poles and arms.

(16) In the design of connections for vangs, brackets, or stiffeners attached to the pole shaft, care shall be taken to distribute the loads sufficiently to protect the wall of the pole from local buckling.

(17) Weathering steel structures shall be designed to eliminate water and refuse traps. The tubular sections shall be sealed from moisture entering the inside of the pole. Factory drilled holes shall be plugged to prevent moisture intrusion during shipping. Connections shall be designed to reduce the effect of pack-out by preventing moisture from entering the joint or by designing the connection to allow moisture to easily drain off.

(18) Plastic plugs shall be installed in all nuts welded to the structure and all tapped holes.

(19) Pole design and design calculations shall be the responsibility of the manufacturer.

(20) Poles shall be designed with the minimum number of joints.

(21) Field welding is not normally permitted. In rare instances, it will be permitted to make minor repairs. All welds must be approved by the owner and must follow the manufacturer's direction.

(22) Flange connections for weathering steel poles shall be designed to avoid pack-out.

(23) Application requirements: (See Attachment B of this Specification)

b. Materials

(1) All materials shall comply with the applicable requirements of ASTM specifications. Any modifications from ASTM specifications must be approved by the owner or the owner's representative.

(2) Steel utilized for the purposes of making poles shall conform with the following ASTM Specifications: ASTM A36, ASTM A570, ASTM A572, ASTM 588, ASTM A607, ASTM A871 or ASTM A595, and must be qualified to the requirements contained in ASTM A6/A6M-96b.

(3) Structural plate, and weld material, shall conform to ASTM A370 and ASCE 48. Plates shall be heat-lot tested in conformance with ASTM A 673 Charpy V-Notch Impact test for properties of 15 ft-lbs. at –20°F.

(4) For galvanized structures, steel used for the pole shaft and arms shall have a silicon content less than .06 percent.

(5) Bolts and nuts shall conform, as applicable to ASTM A307, ASTM A325, and ASTM A354. Locknuts or American Nut Company (ANCO) type self-locking nut shall be provided for each bolt. Locknuts shall be the galvanized MF type or ANCO type. Other types of nut locking devices must be approved by the owner.

c. Fabrication

(1) All welding shall be in accordance with the American Welding Society Code AWS D1.1, latest edition. Welders shall be qualified in accordance with AWS D1.1 welding procedures.

(2) One hundred percent penetration welds shall be required in, but not limited to, the following areas:

- Circumferential welds (C-welds) joining structural members;
- Longitudinal welds in the female portion of the joint within the slip joint area plus 6 inches;
- Welds at butt joints with back-up strips; and
- Longitudinal welds within 3 inches of C-welds, flange welds, base welds and ends of tubes.

(3) Full penetration, or equivalent 90 percent partial penetration with fillet overlay to develop the shaft capacity, shall be used for arm-to-arm brackets, vang-to-plate reinforcement, and arm box joints.

(4) Quality and acceptability along the entire length of full penetration welds shall be determined by visual and ultrasonic inspection.

(5) All other penetration welds shall have 60 percent minimum penetration. Quality and acceptability of all welds other than full penetration welds shall be determined by visual inspection, supplemented by magnetic particle, ultrasonic, or dye penetrant inspection.

(6) All weld back-up strips shall be welded continuous for the length of the welds. Care shall be exercised in the design of welded connections to avoid areas of high stress concentration that could be subject to fatigue or brittle fractures.

(7) Field welding shall not be permitted except with owners, or owner's representative's approval, and the manufacturer's direction in repairing the pole.

(8) All parts of the pole shall be neatly finished and free from kinks or twists. All holes, blocks, and clips shall be made with sharp tools and shall be clean-cut without torn or ragged edges.

(9) Before being laid out or worked in any manner, structural material shall be straight and clean. If straightening is necessary, it shall be done by methods that will not compromise the steel.

(10) Shearing and cutting shall be performed carefully and all portions of the work shall be finished neatly. Copes and re-entrant cuts shall be finished neatly.

(11) All forming or bending during fabrication shall be done by methods that will prevent embrittlement or loss of strength in the material being worked.

(12) Holes for connection bolts shall be 1/8 inch larger than the nominal diameter of the bolts. Holes in the flange plates for bolted splices shall be 1/8 inch larger than the bolt diameter. The details of all connections and splices shall be subject to the approval of the owner or the owner's representative.

(13) Holes in steel plates which are punched must be smooth and cylindrical without excessive tear out or depressions. Any burrs that remain after punching shall be removed by grinding, reaming, etc.

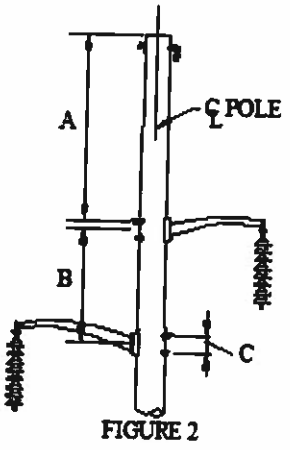
(14) Holes of any diameter may be drilled in plate of any thickness. Care shall be taken to maintain accuracy when drilling stacks of plates.

(15) Holes may be made by use of a machine guided oxygen torch. Flame cut edges shall be reasonably smooth to minimize stress concentrations.

(16) Field drilled holes must be approved by the owner. If the manufacturer is aware of the owner's intent to field drill holes, the manufacture must supply a galvanizing touch-up kit for galvanized poles or a silicon sealant for weathering steel poles.

d. Tolerances

Manufacturing tolerances shall be limited to the following:

Pole Length	One piece: ±2 inches, or ±1 inch ±1/8 inch per 10 feet of length, whichever is greater (i.e. - 120-foot pole shall have a length of 120 feet ±2½ inches)	
	Assembled pole with flange connections: same as for one piece Assembled pole with slip joint connections: The accumulation of the slip joint tolerances not to exceed – 6-inch, +12 inch	
Pole Diameter	-0 inch, +1/4 inch	
Pole End Squareness	±1/2 inch per foot of pole diameter	
Pole Sweep	1/8 inch per 10 feet of pole length	
Pole Twist	Limit twist to 1°/10' of length, not to exceed 4°/tube segment. Overall structure twist shall be limited to 10° for embedded and 6° for base plated structures. Connections for all appurtenances to the pole shall account for the pole twist and should align vertically.	
Slip Joint tolerances	Tolerances per manufacturer's recommendations and total pole length requirements above. See Paragraph 5.g.	
Pole Taper	See paragraph 5.a.(2)(c) .	
Location of Groups of Bolt Holes from Top of Pole	±1.0 inches (tolerance to dimension A, Figure 2)	 FIGURE 2
Location of Centerline Between Groups of Bolt Holes	±1.0 inch (tolerance to dimension B, Figure 2)	
Location of Holes Within a Group of Bolt Holes	±1/8 inch (tolerance to dimension C, Figure 2)	
Bolt Hole Diameter	See Paragraph 5.c.(12) for hole diameters	
Bolt Hole Alignment	Not to vary from the longitudinal pole centerline of that group of holes by more than 1/16 inch	
Location of Identification Plate	±2.0 inch	

e. Grounding

(1) A grounding connection shall be welded to the pole shaft, 18 inches above the groundline or 6 inches above the ground collar. The grounding connection will be either the two-hole National Electrical Manufacturers Association (NEMA) pad, or a nut, or a threaded insert installed in the pole, or an approved alternative.

(2) Grounding pad face shall not be painted or covered with other coatings. The grounding nut thread and grounding pad threads shall be protected from coatings.

(3) Threaded inserts installed for grounding shall be made of Type 316 stainless steel and provided with standard ½ inch, 13 UNC threads (Unified Coarse threads). Threads shall be protected from unapproved coatings.

f. Climbing Devices

(1) Design Loads:

(a) Step Bolts and removable steps: The step bolts, removable steps and attachment to the pole shall be designed to support a minimum of a 300-pound worker and equipment multiplied by a load factor as defined in paragraph 5.f.(2). The load shall be at the outer edge of the step or bolt.

(b) Removable Ladders: The ladder and each attachment to the pole shall be designed to support a minimum of a 300-pound worker and equipment multiplied by a load factor as defined in paragraph 5.f.(2). The load shall be at the outer edge of the step or bolt.

(2) Load Factor: A load factor of 2.0 shall be applied to the design loads in 5.6.1. These loads shall be supported without permanent deformation.

(3) Location: Climbing devices shall start 8 feet above groundline and extend to the pole top unless specified by the owner. The climbing device shall be spaced such that each step is 1 foot 6 inches apart and orientated to provide maximum ease of climbing. They shall be located to avoid interference with other attachments.

(4) Finish: Step bolts, removable steps, and removable ladders shall be hot dipped galvanized. For weathering steel poles, step bolts may be weathering steel.

(5) Intent of steps/ladder: This system is intended for climbing the pole and working on the structure. It is not intended to replace the worker's fall arrest system.

g. Splices

(1) Poles shall be designed with a minimum number of joints. Field welding shall not be allowed as part of the design of a new pole. The shaft joints to be made in the field shall be slip joints or bolted flange joints. Slip joints shall be designed for a nominal lap that will develop the full required design strength of the pole at that point. The minimum lap shall meet the requirements of ASCE 48. All welds on both sections of the pole, in the area of the splice, shall be complete penetration welds for at least a length equal to the maximum lap dimension.

(2) Manufacturer shall verify slip joint fit, through dimensional measurement or actual fit-up, before shipment. Joints should not interfere with threaded inserts, step nuts, ladder clips, or jacking nuts.

(3) Sufficient jacking lugs and permanent orientation marks shall be provided at all slips joints to ensure proper alignment and complete overlap of the joint.

(4) The axis of the pole shall not be distorted after the pole is mated. Shims shall not be allowed to straighten the pole unless approved by the owner. The owner reserves the right to reject a pole based on the improper mating of a pole splice.

h. Appurtenances

(1) Appurtenance material shall be supplied by the owner. The owner shall provide the pole manufacturer connector and/or member locations, orientations, size, types, and strength capacities.

(2) The steel pole manufacturer and the owner shall work together to assure design coordination and fit up of all appurtenance connections and members to poles. Also refer to paragraph 5.a.(8) of this specification.

i. Finishes

(1) The following finishes are acceptable: Galvanizing, zinc primer combined with paint, weathering steel, and a below grade coating.

(a) Galvanizing – All poles and structural components which are hot-dip galvanized shall meet all the requirements of ASTM A123 or ASTM A153. Measures shall be taken to prevent warping and

distortion according to ASTM A384 and to prevent embrittlement according to ASTM A143. Poles made of ASTM A588 steel shall not be galvanized due to the high silicon content of the steel. One gallon of zinc enriched paint shall be provided with each five poles.

(b) Zinc Primer and Painting - Poles which are to be painted shall be hermetically sealed to prevent corrosion of interior surfaces. After shot or sand blasting and cleaning in accordance with the surface preparations specification, SSPC/NACE SP-6/NACE 3, a zinc primer of 3 mils dry film thickness (DFT) and two coats of finish paint, each 3 mils DFT shall be applied to all exterior surfaces in accordance with the paint supplier's recommendations. One gallon each of primer and finish paint shall be supplied with each five poles. A guarantee against flaking or fading of the paint for a minimum of 5 years shall be provided.

(c) Weathering Steel - Steel shall conform to ASTM A588 or A871. After fabrication, poles made of weathering steel shall be cleaned of oil, scale, etc., in accordance with the surface preparation specification SSPC/NACE SP-6/NACE 3, to ensure uniform and rapid formation of the protective oxide layer.

(d) Coatings for the Embedded Portion of the Pole A minimum 16 mil DFT of two component hydrocarbon extended polyurethane coating that is resistant to ultraviolet light shall be applied on the exposed surface of the embedded portion of the pole. The coating shall extend from the butt to 2 inches below the top of the ground collar, or 16 inches above groundline. Other coatings shall be approved by the owner prior to their use. One-quart container of touch up shall be provided with each five poles.

(2) Bolts and nuts with yield strengths under 100,000 psi shall be hot-dip galvanized per ASTM A153 and ASTM A143, or mechanically coated with zinc in accordance with ASTM B695, Class 50. Bolting materials with yield strengths in excess of 100,000 psi shall not be hot-dip galvanized. Instead, they shall be painted with zinc enriched paint or mechanically coated with zinc per ASTM B695, Class 50. Bolts and nuts made from weathering steel do not require a galvanizing coating.

(3) Compliance with coating thickness requirements shall be checked with a magnetic thickness gauge.

j. Markings

(1) Each Pole shall be permanently marked on the pole shaft 60 inches above groundline and on the bottom side of the bearing plate with the following identifying information, unless specified otherwise by the owner:

- Manufacturer's name
- Month and year of manufacture
- Length and class of pole
- Ultimate moment capacity of the pole
- Owner's name
- Pole weight

(2) The identification information listed above shall be permanently marked on the transverse side of the pole. The method of identification shall be approved by the owner. The lettering shall be at least 3/4 inch in height.

(3) Information on the butt of the pole may be with permanent paint applied with a 1/2-inch-wide brush. Paint identification markings may not be used in any other location.

(4) Each section of a spliced pole shall be marked such that the intended mate section can be easily identified. The markings shall be permanent and legible and contain at least the following information:

- Pole Length and Class (each section and total pole); and
- Structure number (if known).

k. Inspection and Testing

(1) The owner and the owner's representative shall have free entry at all times during fabrication, to all parts of the manufacturer's plant to inspect any part of the production of the poles covered by this specification.

(2) Steel members that are bent or warped or otherwise improperly fabricated shall be properly repaired or replaced at the sole discretion of the owner.

(3) The cost of tests made by the manufacturer (except full scale load tests on poles), including cost of the certified test reports shall be considered included in the bid price.

(4) The manufacturer shall make tests in accordance with ASTM A370 and A673 to verify that the material used in the structures meets the impact properties.

(5) Mill test reports showing chemical and physical properties of all material furnished under this specification shall be maintained by the manufacturer for a period of 5 years and shall be traceable to the pole.

(6) All plates over 1-1/2 inches thick shall be ultrasonically tested to assure against defects that could lead to lamellar tearing.

(7) Qualification of welders or welding operators will be verified as to conformance with the provisions of AWS D1.1.

(8) The manufacturer shall make certified welding reports for each pole. The reports covering welding shall include all welds of a pole. Each weld shall be clearly identified; and the report shall consist of the method of testing, whether the weld is acceptable, the identification of the pole, the date, and the name and signature of the inspector.

l. Full Scale Structure Testing

(1) The poles that are to have full-scale load tests performed on them are listed in Attachment B. Cost for such test shall be the responsibility of the owner, shall be separated from the manufacturer's bid, and shall be negotiated in advance of any test preparation.

(2) Details of the test procedures and methods of measuring and recording test loads and deflections shall be specified by the manufacturer prior to testing and shall be subject to the review and approval of the owner or the owner's representative.

(3) Deflections shall be recorded in the transverse and longitudinal directions when applicable. Deflection measurements shall be taken under the no load condition both before and after testing.

(4) Material procurement for test poles shall be identical to material procurement procedures for regular production run poles.

(5) A full report listing results shall be submitted after completion of all testing. Copies of mill test reports shall be included in the load test report. The report shall also include a complete description of the load tests with diagrams and photographs.

(6) The owner or the owner's representative reserves the right to be present during testing and shall be notified 2 weeks prior to the start of pole test.

6. SHIPPING AND DELIVERY

a. Shipping

(1) Each shipment shall be accompanied by a bill of materials, identifiable by pole type and number. Bolts and miscellaneous hardware will be identified by the list for match up with the respective pole shaft. All parts that are required for any one pole shall be in one shipment, if possible.

(2) The owner and owner's representative shall be notified prior to shipment that such shipment is to take place, and they reserve the right to inspect the components prior to shipment. The notification shall give quantities, weight, name of common carrier used, and expected time of arrival.

(3) Salt-treated wood blocking and urethane foams shall not be used when shipping or storing weathering steel poles.

(4) Transportation and site handling shall be performed with acceptable equipment and methods by qualified personnel. The manufacturer shall exercise precaution to protect poles against damage in transit.

(5) Handling instructions shall be included with the pole shipment (if special handling is required).

b. Delivery

(1) The owner may take delivery at a designated location with the delivering carrier's equipment. The manufacturer shall coordinate with the owner to ensure smooth and efficient delivery of poles.

(2) The owner will provide all labor, equipment, and materials for the unloading of poles at the project site. A pole is considered delivered when the pole is lifted from the trailer or semitrailer of the delivery carrier.

7. DRAWINGS AND INFORMATION TO BE SUPPLIED BY THE MANUFACTURER

a. Information to be supplied with the proposal (See Attachment C)

(1) Pole diameter at the top, groundline, and bottom.
(2) The pole taper of each pole in inches/foot.
(3) The calculated weight of each class and length of pole.
(4) General information about each pole length and class including tip load, location of point of fixity, type of steel used for the pole (ASTM number

and yield), cross sectional shape, and connection details of multiple piece poles (slip joints/flange joints/welded to be one piece).

(5) Calculated groundline and point-of-fixity reactions due to the tip loadings (including shear, moment, and axial reactions) in order to demonstrate conformance with the requirements of 5.1.1 and 5.1.2.

(6) Description of pole shaft cross section including thickness of the plate at the bottom, groundline, and at the top.

(7) For each standard class pole, provide pole top deflection using the specified tip loading in order to demonstrate conformance with the requirements of and 5.1.3.

(8) The cost of each pole by size and length. Also, the total order cost for each class and length of pole.

b. Documentation to be supplied for the Owner's Approval Prior to Fabrication (as requested by the owner): Documentation includes final design calculations for the pole shaft at 5-foot intervals and will be based upon the pole loading shown in Table 1.

The following information shall be supplied:

- Total shear forces
- Moment
- Design Stress, Allowable stress, and Stress ratio
- Section moduli
- Cross-sectional area
- Deflection at the pole top due to tip load
- Detail drawings for each structure type giving weights of structure
- Bill of materials list (if any)
- Assembly instructions and erection drawings
  (Slip joint lengths and allowable tolerances)
- Special handling instructions (if required)

c. Test Reports (as requested).

- Certified mill test reports for all structural material.
- Certified welding reports for each pole.
- Impact property test reports showing that the material used in the poles meets the impact properties.
- Test reports on coating thickness.
- Report of pole testing, when required, including photographs, and diagrams.

8. APPROVALS, ACCEPTANCE AND OWNERSHIP

a. Final designs must be approved by the owner or owner's representative before material ordering and fabrication. Material ordering and fabrication prior to approval will be at supplier's risk. It is understood that award of this contract does not constitute acceptance of design calculations submitted with the bid, if corrections are required in the final structure designs due to manufacturer's errors, omissions, or misinterpretations of the specifications, the quoted price shall not change. Approval of the drawings and calculations by the owner or the owner's Representative does not relieve the supplier of responsibility for the adequacy of the design, correctness of dimensions, details on the drawings, and the proper fit of parts.

b. After delivery, the poles will be inspected and shall be free of dirt, oil blisters, flux, black spots, dross, teardrop edges, flaking paint or zinc; and in general, shall be smooth, attractive, and unscarred. Poles not meeting this requirement shall be repaired or replaced by the manufacturer at no additional cost to the owner. Final decision to repair rather than replace a pole shall be at the owner's sole discretion.

c. All final drawings shall become the property of the owner, who shall have full rights to reproduce drawings and use them as the owner sees fit.

9. LIST OF ATTACHMENTS TO THIS SPECIFICATION:

Attachment A, and B to be completed by the engineer. Attachment C to be completed by the manufacturer.

- ~~Attachment A, Structure Dimensions and Pole Framing Drawings~~ See Structure Drawings
- Attachment B, Application Requirements
- ~~Attachment C, Bid Summary~~

See Itemized Proposal & Pole Data Summary Tables

Attachment A
Structure Dimensions and Pole Framing Drawings
(To be Completed by the Engineer)

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Attachment B. Application Requirements
(To be Completed by the Engineer)

1. Type of finish of the pole (indicate by checking one)
   Weathering X
   Galvanized X
   Zinc primer and paint
2. Special Charpy requirements N/A
3. Surface protection desired for embedded portion of the pole (indicate by checking one or both)
   Polyurethane Coating X
   Anodes
4. Climbing device type (indicate by checking one)
   Step Bolts X
   Ladder
   Removable Steps
5. Location of climbing device See General Specifications & Structure Drawings
6. Length of ground collar 36" Min.
7. Grounding plate or nut NEMA 2 Hole Pad
8. Delivery schedule TBD. Quote out Estimated Lead Times
9. Free on board destination Yes
10. Pole test (if required) N/A
11. Additional Requirements (below) See Structure Drawings for further Details

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Attachment C. Standard Class Steel Pole Bid Summary

Standard Class Steel Pole Bid Summary (Information to be supplied with the bid)						
DESIGN INFORMATION						
Pole framing drawing						
Pole Class						
Pole Length						
POLE DESCRIPTION						
Top Diameter						
Groundline Diameter						
Bottom Diameter						
Taper (in/ft)						
GENERAL						
Pole Wt/ each						
Tip Load						
Point of Fixity Loc						
Steel (ASTM/yield)						
Cross section shape						
Splice joint type						
CALCULATIONS AT THE GROUNDLINE						
Moment						
Shear						
Axial						
Cross Sectional Area						
CALCULATIONS AT THE POINT OF FIXITY						
Moment						
Shear						
Axial						
Cross Sectional Area						
WALL THICKNESS						
Top						
Groundline						
Bottom						
DEFLECTION (Top)						
COST SUMMARY						
COST/POLE						
NUMBER OF POLES						
TOTAL COSTS						
COMMENTS:	TRANSMISSION LINE POLES ATTACHMENT C BID SUMMARY - DESIGN INFORMATION,WEIGHTS, AND PRICE INFORMATION (INFORMATION TO BE SUPPLIED WITH THE PROPOSAL)					

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APPENDIX A
COMMENTARY

1. General

The necessity of a clear bid specification for the purchase of standard class steel poles is very important to the bid evaluation process and the acquisition of structurally adequate poles. The specification should contain sufficient requirements and information so that all bids can be evaluated equally and so that the manufacturer clearly understands what is expected of the manufacturer.

Scope

While use of this standard class steel pole specification is not prohibited to poles which are guyed, which are subjected to unbalanced lateral loads or which have deflection or other special limitations, the owner must be prudent when using this specification in these types of applications.

It is recognized that, with the proper understanding and usage of some computerized structural analysis and transmission line design programs, it is possible to select a standard class steel pole which might otherwise be beyond the scope of this specification. The owner must be sure that combined bending and buckling analysis is performed, and that deflections are properly modeled.

The owner should recognize when the design of a steel pole may be more prudently accomplished using the "Guide Specification for Steel Single Pole and H-Frame Structures," RUS Bulletin 1724E-204, which requires the actual loading conditions to be specified. In using RUS Bulletin 1724E-204, the manufacturer assumes full responsibility in designing and manufacturing a structurally adequate pole.

Standard Class Pole

In some cases, utilities prefer to specify certain steel poles to be designed according to standardized loading criteria, much like the standard classifications for wood poles.

In utilizing standard class steel poles, a complete structural analysis is still required for all structures. All appropriate loading criteria are considered in the analysis. Once the required steel pole strength is determined, a standard class steel pole that meets the actual loading conditions can be selected. A complete design example is shown in Appendix C.

Without considering all the potential reasons for specifying standard class poles, this specification is developed in order to establish a standard classification system and to assist the owner in procuring a standard class steel pole which is properly designed for the intended loading criteria.

This guide specification attempts to eliminate ambiguity in specifying and purchasing standard class steel poles. Since it has become a widespread practice in the industry to design and manufacture poles which are based on the wood pole classification system of the American National Standards Institute (ANSI 05.1), the steel pole classifications developed in this specification generally follow the wood pole classification system. However, to avoid confusion with the wood pole classifications, the steel pole classifications have a unique naming system.

Wood Pole Equivalency

In some cases, the owner may design a transmission line based on wood pole classifications as described in ANSI 05.1 and then wish to order steel poles which meet the wood pole equivalent loadings. Because of the differences in strength factors applied to wood poles in comparison to steel poles, the owner must be sure that the strength factors are properly accounted for in the design of the steel poles.

"Wood pole equivalent" is a term that may be defined in a number of ways. For purposes of this commentary, the term "wood pole equivalent" is defined as a standard class steel pole which is equated by required factored loading to an ANSI 05.1 standard class wood pole. The equation is made by a ratio of the strength factors applicable for each pole type and loading criteria.

The design and purchase of steel poles as an equivalent to wood poles can be vague even with clear instructions. As such, the owner should be sure that the equivalency is properly determined. Once the equivalency is determined, the owner should specify the standard class steel pole based on the classifications detailed in paragraph 5.a.(2). In doing this, the manufacturer will not be involved in the equivalency process and the ambiguity should be eliminated.

The wood pole equivalency is based on the required ultimate moment capacity of the pole at the groundline based on embedment depths shown in ANSI 05.1. In obtaining a suitable equivalency, the owner must consider factors other than the equivalent groundline moment. For example, the differences in material and section properties of the wood pole versus the steel pole will result in differences in buckling analysis, pole deflections, secondary moments, applied wind forces, etc.

It is impossible to completely equate the steel pole and wood pole at all points along the pole. The owner must be certain that the steel pole selected by equivalency methods will have strength sufficient for the actual application.

Equivalency Factor (Eq.F)

The equivalency factor (Eq.F) is defined as the ratio of the wood pole strength factor to the steel pole strength factor for a given loading condition.

For example, for NESC Grade B district loading, the wood pole strength factor is 0.65 and the steel pole strength factor is 1.00. Thus, the equivalency factor will be 0.65/1.00 = 0.650.

The equivalency factor is a useful concept to understand as the owner requires a wood pole equivalent under various loading conditions and strength factors. Several examples of equivalencies are listed in the following sections.

Wood Pole Equivalency – 0.65 TO 1.00 Ratio (0.65 Eq.F)

For the NESC Grade B district loadings, the NESC allows for a strength factor of 1.00 to be applied to a load on a steel pole while it requires a strength factor of 0.65 to be applied to a load on a wood pole. As such, the ultimate strength requirement for the steel pole will be less than the ultimate strength of the wood pole for the district loading conditions.

For example, the owner designs a transmission line for wood poles based on NESC district wind loading conditions. The owner wishes to purchase a steel pole that is equivalent to a Class 1 wood pole. Based on ANSI 05.1, the Class 1 wood pole groundline strength is derived by applying a horizontal factored load of 4,500 pounds at 2 feet from the pole top based on a simple cantilever. Since the owner had classed the wood pole based on an NESC strength factor of 0.65, the owner wishes to select a steel pole meeting the same NESC district wind loading conditions. To do this, the owner will multiply the required tip loading of 4,500 pounds by 0.65/1.00, which equals 2,925 pounds. The 0.65/1.00 ratio (or 0.65 Eq.F) adjusts for the difference between wood and steel strength factors. The owner will then select a standard class steel pole which has an ultimate moment capacity based on the horizontal tip loading of at least 2,925 pounds. From paragraph 5.a.(2), the owner selects a class S-02.9 pole, which has a tip loading of 2,925 pounds.

Based on the method shown in this example, Table A-1 of this Appendix at the end of this section is a tabulation of wood pole equivalencies based on the NESC Grade B district loading.

Wood Pole Equivalency - 0.75 to 1.00 Ratio (0.75 Eq.F)

For the NESC Grade B extreme wind loadings, this specification requires a strength factor of 1.00 to be applied to an extreme wind load on a steel pole while the NESC requires a strength factor of 0.75 to be applied to an extreme wind load on a wood pole. As such, the ultimate strength requirement for the steel pole will be less than the ultimate strength of the wood pole for the NESC extreme wind loading conditions.

For example, the owner designs a transmission line for wood poles based on NESC extreme wind loading conditions. The owner wishes to purchase a steel pole that is equivalent to a Class 1 wood pole. Based on ANSI 05.1, the Class 1 wood pole groundline strength is derived by applying a horizontal factored load of 4,500 pounds at 2 feet from the pole top based on a simple cantilever. Since the owner had classed the wood pole based on an NESC extreme wind strength factor of 0.75, the owner wishes to select a steel pole meeting the same extreme wind loading conditions. To do this, the owner will multiply the required tip loading of 4,500 pounds by 0.75/1.00, which equals 3,375 pounds. The 0.75/1.00 ratio (or 0.75 Eq.F) adjusts for the difference between wood and steel extreme wind strength factors. The owner will then select a standard class steel pole which has an ultimate moment capacity based on the horizontal tip loading of at least 3,375 pounds. From paragraph 5.1.2, the owner selects a class S-03.5 pole, which has a tip loading of 3,510 pounds.

Based on the method shown in this example, Table A-2 at the end of this section is a tabulation of wood pole equivalencies based on the NESC Grade B extreme wind loading.

Wood Pole Equivalency – 1 to 1 Ratio (1.0 Eq.F)

The owner may wish to order a steel pole that has the same ultimate strength as a specified wood pole class. One common application of this is when the owner designs a transmission line using wood pole properties but utilizing steel pole strength factors. In this case, the owner has accounted for the difference in wood versus steel strength factors during the design of the project.

For example, the owner designs a transmission line for wood poles based on NESC district wind loading conditions. However, for steel poles, the owner uses the NESC district strength factor of 1.00 (applicable to steel poles) in the calculations. The owner selects a wood pole Class 1 at a specific location. Thus, the owner wishes to purchase a steel pole which is equivalent in ultimate strength to a Class 1 wood pole. Based on ANSI 05.1, the Class 1 wood pole groundline strength is derived by applying a horizontal factored load of 4,500 pounds at 2 feet from the pole top based on a simple cantilever. Therefore, the owner will require a steel pole with an ultimate moment capacity based on the same 4,500-pound tip loading. From paragraph 5.a.(2), the owner selects a Class S-04.9 steel pole, which has a tip loading of 4,875 pounds.

Based on the method shown in this example, Table A-3 is a tabulation of wood pole equivalencies based on the ultimate-to-ultimate strength comparison, or 1.0 equivalency factor.

Other Wood Pole Equivalencies

Using the wood pole equivalency methods described, the owner can develop equivalency tables for other ratios of wood versus steel strength factors.

TABLE A-1 - WOOD POLE EQUIVALENCY
BASED ON 0.65 to 1.00 RATIO
(0.65 Equivalency Factor)
(NESC Grade B District Loading)
(Equivalencies based on approximate groundline strength)

Design Wood Pole Class 0.65 Strength Factor		**Select** Steel Pole Class 1.00 Strength Factor
H6		S-07.4
H5		S-06.5
H4		S-05.7
H3		S-04.9
H2		S-04.2
H1		S-03.5
1		S-02.9
2		S-02.4
3		S-02.0

TABLE A-2 - WOOD POLE EQUIVALENCY
BASED ON 0.75 to 1.00 RATIO
(0.75 Equivalency Factor)
(NESC Grade B Extreme Loading)
(Equivalencies based on approximate groundline strength)

Design Wood Pole Class 0.75 Strength Factor		**Select** Steel Pole Class 1.00 Strength Factor
H6		S-09.0
H5		S-08.0
H4		S-06.5
H3		S-05.7
H2		S-04.9
H1		S-04.2
1		S-03.5
2		S-02.9
3		S-02.4

TABLE A-3 - WOOD POLE EQUIVALENCY
BASED on 1:1 RATIO
(1.0 Equivalency Factor)
(Ultimate-to-Ultimate Comparison)
(Equivalencies based on approximate groundline strength)

Design Wood Pole Class	**Select** Steel Pole Class
H6	S-12.0
H5	S-10.0
H4	S-09.0
H3	S-08.0
H2	S-06.5
H1	S-05.7
1	S-04.9
2	S-04.2
3	S-03.5

2. **Design** - Section 5

Loads - Paragraph 5.a

The primary loads for steel poles are weather loads. Weather, construction and maintenance loads need to be determined by the owner in order to select the proper standard class pole.

Load factors for NESC light, medium, and heavy loading districts should be at least equal to those given in the applicable edition of NESC for Grade B construction. The load factor for extreme ice and extreme wind is recommended to be at least 1.1.

In addition to using the NESC district loading requirements, the ASCE publication No. 74, "Guidelines for Transmission Line Structure Loading," can be used to provide owners with procedures for the selection of design loads and load factors related to climate, accidents, construction and maintenance.

Once the design loadings have been determined, a design of the structure should be performed by the owner's engineer or structural designer. It is recommended that a nonlinear structural analysis computer program be utilized in order to consider the loadings, secondary moments (p-delta effect), and effects of foundation rotations and deflections. As a minimum, an approximate method for determining the ultimate moment

capacity should be utilized, such as the methods given in the "Design Manual for High Voltage Transmission Lines," RUS Bulletin 1724E-200.

Once the structural analysis has been completed, the owner's engineer or structural designer may select a standard class steel pole which has the ultimate moment capacity greater than the design loading requirements. Consideration should be given for strength requirements at all points along the pole, not just at the groundline.

P-Delta Moment

Prior to selecting a standard class steel pole, the owner should determine the effect of the secondary moments due to the vertical loadings, including the effect of the pole weight, during the transmission line design process.

Whenever there is a transverse or longitudinal load, the pole will deflect in the direction of the load. As a result, the vertical load is no longer in its original position. The vertical load moves over as the pole deflects, causing additional moments in the pole. Also, the pole weight can place secondary moment loads in the pole. The additional stress caused by this secondary moment is dependent on the magnitude of the vertical load and deflected shape of the pole. Many pole designs, particularly tall poles, have to be calculated for the position of equilibrium of forces in the fully displaced position. The solution typically takes many iterations. A full nonlinear analysis will consider the change in orientation of the loads relative to the displaced positions of the structural members.

As a minimum, an approximate method for determining the effect of the secondary moments should be utilized, such as the method given in the RUS Bulletin 1724E-200.

Foundation Rotation and Deflection

Although significant foundation rotation and deflection criteria are considered to be beyond the scope of this standard class steel pole specification, some allowances can be made for these effects. They should be considered during the owner's analysis of the actual loading conditions to apply to the steel pole. Typically, this type of analysis is accomplished by nonlinear structural analysis techniques.

Once the structural analysis has been completed (including foundation rotations and deflections, p-delta effect, etc.), the owner may select a standard class steel pole that has the ultimate moment capacity greater than the design loading requirements.

Longitudinal Loads

It is recommended that RUS Bulletin 1724E-204 be utilized whenever the longitudinal loads may result in a significant unbalanced lateral loading condition.

Because steel poles are flexible structures, there may be a reduction in induced moments in a pole under some types of longitudinal loads due to the restraining effect of the overhead ground wires. Traditionally, static longitudinal loads are specified due to the complexity of calculating the influence of structure flexibility.

Guyed Poles and Guy Wires

It is generally beyond the scope of this standard class steel pole specification to consider guyed poles and guy wires in the design of the structure. It is recommended that RUS Bulletin 1724E-204 be utilized instead.

It is generally agreed that a steel pole has less buckling strength than an equivalently classed wood pole. Wood poles are solid wood and the material in the heart of the pole can resist buckling. Standard class steel poles however, are thin walled, hollow structures with limited buckling strength. The forces resulting from the attachment of the guy wires to the standard class steel pole needs to be carefully analyzed by a structural engineer. The steel pole and guy wire(s) must be designed as a system.

Any time a steel pole structure is guyed, the guy type, size, modulus of elasticity and guy slope or angle has to be determined by the owner and properly modeled in the analysis of the steel structure. The load in the guy wire should be limited to 65 percent of its ASTM rated breaking strength under actual factored loading conditions, as is required by RUS Bulletin 1724E-204. The steel pole and guy wire(s) must be designed as a system. The guy modulus of elasticity can increase from a minimum value at the time of manufacture, to a maximum value that results from periodic stretching and relaxing during the load cycles. Ranges from 19,000 ksi to 28,000 ksi have been stated. The ASCE steel pole specification (ASCE 48) has suggested the engineer use a guy wire modulus of elasticity of 23,000 ksi whenever it is not specified.

The owner should use caution in using this equivalency method of sizing standard class steel poles and its usage should be prudently influenced by the owner's experience in similar applications where actual design loadings were utilized under similar guying conditions. However, a typical situation where the owner may wish to use this specification for guyed poles is when the owner uses a transmission line design computer program, or other structural analysis program, in which minimum strength values are input for each pole type and the program is capable of combined bending and buckling analysis of guyed steel poles.

Point of Fixity - Paragraph 5.a.(1)

Point of fixity for this specification is defined as the location on the pole where maximum moment occurs. Maximum moment is calculated by the pole designer using the loadings provided by the owner and multiplying those loadings by the appropriate moment arms. The existing soil and backfill has to be able to support the pole with these bending moments applied. The location of this point of fixity could be at or below the groundline.

The exact location is theoretical and depends on the soil condition and backfill used to support the pole.

For the standard class pole, the point of fixity should remain at the same location on the pole, regardless of the embedment depth the owner may specify for a given application. Otherwise, the required pole strength could vary as the location of the point of fixity varies. Within the scope of this standard class pole specification, the point of fixity is arbitrarily considered to be located at a distance from the pole butt that is equal to 7 percent of the pole length. This value seems to work quite well over a range of pole lengths and is approximately the same value as a point of fixity located at 1/3 of the distance below the groundline based on an embedment depth of 10 percent of the pole length + 2 feet.

Pole Top Strength (Paragraph 5.a.(2)(a)

This specification sets minimum ultimate moment capacity requirements near the pole top for each standard pole classification. The similar ANSI 05.1 requirement is generally overlooked, misunderstood or not considered by manufacturers and others who seek to standardize pole sizes based on the wood pole classifications.

Upon a careful study of the ANSI 05.1 wood pole specification, one should understand that the horizontal loading applied at 2 feet from the pole top is for the purpose of determining a required groundline ultimate moment capacity for any length pole of the given class. However, the minimum required wood pole top size is specified apart from the horizontal loading requirement

For example, according to ANSI 05.1, a Class 1 wood pole must have a circumference of 27 inches at the top. When applied to the Douglas Fir or Southern Yellow Pine poles with a fiber stress of 8,000 psi, the resulting top strength is calculated as 41.5 ft-kips for the Class 1 wood pole.

Because the conductors and shield wire supports are typically located on crossarms away from the pole axis, significant moments can be generated in the pole near the top. The moments are greatly increased whenever a braced pole top assembly is utilized. These moments are not accounted for by applying the horizontal factored loading alone. Therefore, in the design of transmission poles, it is critical that a minimum ultimate moment capacity be specified near the pole top. In the absence of a minimum top strength requirement, a steel pole top strength can theoretically be negligible.

The minimum pole top strength required by this specification should be suitable for most transmission line applications. However, the owner must be sure that the top strength is properly evaluated, especially when working with wood pole equivalencies and braced structures.

Tip Loading (Paragraph 5.a.(2)(b)

The tip loading is used to develop a required ultimate moment capacity diagram at any point along the pole from 2 feet below the pole top down to the point-of-fixity. This ultimate moment capacity is determined by multiplying the tip load by the moment arm based on a simple cantilever. As a result, the required factored moment diagram is linear in shape. This same method may be utilized in structural analysis and automated transmission line design computer programs to develop an array of factored moment requirements for standard steel pole sizes.

Pole Deflection - Paragraph 5.a.(3)

Although significant horizontal pole deflection limitations are considered to be beyond the scope of this standard class steel pole specification, some allowances can be made for these effects. They should be considered during the analysis of the actual loading conditions applied to the steel pole. Typically, this type of analysis should be accomplished by nonlinear structural analysis techniques. Since the electrical clearances must be assured in the operation of transmission lines, deflections must remain within an acceptable range.

This specification limits the allowable pole deflection to 15 percent of the pole height above the point of fixity when the tip load specified in paragraph 5.a.(2) is applied under a horizontal testing procedure.

The owner should recognize that the actual pole deflection for the application will be less than the specified deflection limit of 15 percent of the pole height. With the standard class pole, all of the loading is applied near the pole top. In a typical transmission line application, the actual horizontal loading will be some distance from the pole top. As such, the actual deflection at the conductor under short term factored loading conditions can be expected to be less than 10 percent of the height above ground.

The NESC requires that electrical clearances be maintained under a wind loading of 6 psf. It is expected that the deflection of a standard class pole under this 6 psf loading condition will be less than 3 percent of the height above ground.

For situations where the owner wishes to know the deflection for a standard class pole, the owner should use a suitable structural analysis computer program in which the actual design loading conditions and steel pole properties are input into the program, or the owner should ask the pole manufacturer to provide the analysis.

If the owner has special deflection limitations, it is recommended that RUS Bulletin 1724E-204 be utilized instead of this specification. In doing so, there will be little doubt as to what the actual pole deflections will be under all loading conditions.

Minimum Plate Thickness - Paragraph 5.a.(7)

The intent of this guide is not to limit new technology. Use of plate thickness less than 3/16 inch may be possible. However, consensus from the committee members and based on current designs by the manufacturers, transmission size poles will normally require at least a plate thickness of 3/16 inch. If mild corrosion occurs, the percentage of reduced strength will be less the greater the wall thickness of the steel plate. Having the minimum plate thickness of 3/16 inch will also improve strength for mounting of davit arms and guy attachments. If an owner does decide to purchase poles with a wall thickness less than 3/16-inch, extra care should be taken in the field to avoid damage to the pole during storage, handling, and installation. Small nicks in the galvanizing or other protective coating could exaggerate future problems. Also, minor misalignments or poor fit of hardware during construction could cause a major problem. Ground collars on thin wall poles should be considered a necessity. Other sections of this commentary explain why poles purchased with this guide should not be used in guying situations, unless an engineer experienced with guyed steel structures oversees the design. This is especially true for poles of wall thickness less than 3/16 inch.

Ground Collars - Paragraphs 5.a.(12) and 5.a.(13)

Attachment B of the specification is set up to allow the owner to alter the requirement for a ground collar by putting "not required" on line 6. Ground collars are recommended for direct embedded weathering steel poles, but they are sometimes optional with galvanized steel poles. If ground collars are used, a length of 4 feet or greater is recommended.

The intent of ground collars on standard class steel poles is similar to the preservative of wood poles. The preservative protects the wood against rot and fungus attack. Similarly, the ground collar protects the steel pole from corrosion and mechanical damage.

The ground collar does not prevent nicks. The ground collar does provide nonstructural steel that can be sacrificed to corrosion. Corrosion can be due to many outside causes over which the owner has no control. A short list of potential causes includes road salt, fertilizer, poor/corrosive soil, and galvanic corrosion from pipeline crossings or underground electric lines. The ground collar also protects the pole from mechanical damage that may occur during construction or later by right-of-way crew or by property owners.

Whereas some utilities feel that galvanized poles with polyurethane coating do not need additional corrosion and mechanical protection, they do feel that weathering steel poles need additional protection to the patina and polyurethane coating. Some manufacturers claim that poles that are galvanized and the embedded portion coated with polyurethane coating (paragraph 5.i.(1)), do not require a ground collar. If nicks do occur to a galvanized pole, the galvanizing will act like a sacrificial anode and protect the nicked steel.

ASCE 48 states that bare weathering steel should not be used below grade due to the potential problems from corrosion. Some utilities add a round collar to all weathering steel poles. Still other utilities in dry climates with non-corrosive soils may not use ground collars. However, since the polyurethane coating can be nicked during construction, it is recommended that round collars be used on all weathering steel poles.

Charpy Requirements - Paragraph 5.b.(3)

Charpy test is a notch-bar impact test used to compare notch sensitivities of materials. The impact values cannot be converted into energy figures for use directly in engineering design. The impact value from the notch-bar impact test is used only as a comparison test. For example, if a type of steel has been found to have good notch toughness in service and its impact value is known, it is assumed that other types of steel having the same impact value will also have the same notch toughness. The ASCE design standard for steel poles has established impact values for the Charpy notch-bar impact test. These values are a function of yield stress, plate or bar thickness, and temperature.

Notch-bar impact tests are used to help determine if a normally ductile material might behave in a brittle manner. Three main factors that influence if a material will behave in a brittle or ductile manner are triaxiality, strain rate, and temperature. Ductile materials tend to become more brittle as triaxiality increases, strain rate increases, or temperature decreases. Since brittle materials require far less energy for fracture than ductile materials of the same strength, one can realize the importance of the Charpy test for steel poles used on transmission lines.

The tendency is to reduce temperature requirements of the Charpy test for structures to be in service in warm climates such as Louisiana or Florida. This is not recommended. However, for locations in which temperatures may be extremely low, lower temperature values may need to be specified.

The ASCE design standard specification contains Charpy requirements for structural plate, anchor bolts, and weld materials. The material used for making welds is required to meet the impact requirements for the lowest toughness requirements of the plates being joined.

Field Drilled Holes - Paragraph 5.c.(16)

Drilling holes in a pole during construction allows the maximum flexibility in the use of poles in unexpected situations. However, the cutting of the pole does affect the corrosion protection of the pole. For **galvanized poles and painted galvanized poles**, a drilled hole exposes bare steel to the weather. These holes need to be painted with a zinc rich touch up paint similar to described in paragraph 5.i.(1)(a). For poles made from **weathering steel** the hole can allow rain or ground water into the pole depending on the hole location. Weathering steel poles protect themselves from corrosion by constantly cycling from wet to dry. This cycling creates a water tight oxide layer. Inside the pole or under water the cycling cannot happen. Therefore, there is no corrosion

protection inside the pole. When water enters the pole through the field drilled holes corrosion starts. When field drilled holes are anticipated, the inside of weathering steel pole should be coated similar to the coating described in paragraph 5.i.(1)(d). If coating the inside is not practical then a thick coating of a silicon sealant shall be applied to the bolt and hole. **Field drilling of painted poles should be avoided** if possible. Drilling holes in painted poles destroys the water tightness and allows corrosion to start on the unprotected carbon steel. If holes cannot be avoided then a thick coating of a silicon sealant shall be applied to the bolt and hole.

Field Drilled Holes (wrong location/drilled in error)

Occasionally a field-drilled hole will end up in the wrong location. A rule of thumb from The American Welding Society (AWS) says a defect or hole location is critical if another hole is spaced within 2.5 times the diameter of the hole in question. (i.e. two 1 inch holes should not be closer than 2 ½ inch edge to edge). A structural analysis of the actual conditions will possibly give a different answer. If the location is critical then a field weld repair is needed by a certified welder.

If the location is not critical then it can be filled with an automotive type freeze plug and painted with touch up paint. The hole should be plugged to keep birds and insects out of the pole and to slow or prevent corrosion to the inside of the pole. The above rule of thumb does not apply to holes that are drilled at the correct elevation but on the wrong face. These poles need to be reviewed by the manufacturer and repaired by a certified welder or these poles need to be replaced.

Pole Materials (Galvanized Steel vs. Weathering Steel)

Structural grade steel is a great product for many reasons. However it has one definite problem. Mother Nature wants to return it to its natural state of iron ore. Industry has used many ways to slow the corrosion process. In 1836 a chemist patented a means for coating iron with zinc. That process of hot dip galvanizing remains substantially unchanged today. In the 1900's another method was found. By having a relatively high copper content in the raw steel a dense patina oxide coating would form on the steel and act as a tight adhered barrier preventing future atmospheric corrosion. This steel was largely forgotten until the 1960's when US Steel started marketing their version of this steel as "COR-TEN". Today it is commonly called weathering steel.

The formation of dense patina oxide on weathering steel requires a cycling from wet to dry environment - optimally 50 percent wet and 50 percent dry. Departure from the 50/50 ratio will slow the oxide formation. Unfortunately, this limitation was not well understood in the 1960's and weathering steel was used in locations where water and dirt were trapped. The result was the oxide did not form and the corrosion continued as if the steel was normal bare steel. In some cases such as highway bridges and lattice towers the corrosion caused a problem that was given the name "pack-out". In this case the corrosion takes place between two pieces of steel that are bolted together in such a configuration that water is trapped and held. The corrosion products swell.

Ultimately the forces from the swelling can exceed the strength of the bolts. This can cause structural failure. As a result of this problem weathering steel developed a bad reputation. However, with prudent attention to details, weathering steel is being used by many utilities today.

Both galvanized steel and weathering steel have their advantages. Which is better is a question that has not been answered. Weathering steel normally has a cost advantage and can be factory welded to make a one-piece pole of any length. The one-piece length of galvanized poles is limited to the length of the galvanizing tank. Weathering steel becomes a dark brown wood color. A galvanized pole starts out shiny and ends up a dull gray. Some people say that weathering steel should not be used in areas of heavy road salt or in heavily fertilized farm fields. The weathering steel manufacturers found a number of poles in undesirable conditions, tested them and found that the oxide had formed and that corrosion was not a problem. This guide makes no judgment as to which material is better or gives any guidance in the use of one versus the other. If correctly used both will perform very well. If not used as intended, neither will perform as desired. It is recommended that the owner contact the pole supplier to select the best material for the pole's intended application.

Painted Poles

Painted bare steel poles are not recommended. These poles have more construction and maintenance expenses than poles with paint over zinc primer or paint over hot dip galvanizing. The inside surface of bare steel poles is not protected and the poles can corrode from the inside out. Also the outside paint is easily chipped leaving bare steel which may quickly corrode.

Weathering Steel Poles - Paragraphs 5.i.(1)(c) and 5.i.(1)(d)

There are environments where weathering steel is not recommended in a bare, uncoated condition because the protective, tight oxide will not form properly. These environments include: (1) atmospheres containing concentrated corrosive industrial fumes, (2) marine locations subject to salt-water spray or salt-laden fogs, or (3) applications where the steel may be continuously submerged in water (salt or fresh) or buried (bare) in soil. Use of weathering steel poles near roads that are salted during the winter should be avoided.

In general, weathering steel is intended for and is most often used in a bare, uncoated condition. However, those surfaces that will not be exposed to the weather or subjected to a wet-dry cycle should be protected from corrosion. Flat, horizontal surfaces are particularly vulnerable. Also, in areas where ground cover will grow to a height where it will contact the pole and rub the protective weathering steel coat off or in areas where the vegetation will keep the pole moist, the steel surface should be protected from corrosion by application of a coating. For direct embedded steel poles, the polyurethane coating may have to be extended above the top of the ground sleeve to protect the weathering steel pole from moisture entrapped by vegetation or rubbing by groundcover.

Direct Embedded Poles - Coating General - Paragraph 5.i.(1)(d)

When poles are direct embedded, this specification requires a polyurethane coating to be applied to the exterior surface of the embedded portion of the pole. The top edge of the coating is not a smooth transition. Water and dirt can get trapped in this area. Therefore, we suggest that the transition be located about 2 inches below the top of the ground collar where there is extra metal. Some poles get set in areas of high vegetation. These poles may require the coating to extend higher on the pole. A full discussion of this is given below.

Bearing Plate, Coatings, Construction in Wet Areas - Paragraph 5.i.(1)(d)

There are many problems associated with setting poles in wet areas and or bad soils. Two of these problems are floating poles and bog or swamp shoes. The floating poles can be due to the fact that some poles are designed without drain holes in the bearing plate. When soil conditions require the use of driller's mud during the augering process, the pole may float and it is impossible to set it in the foundation unless the water is removed from the hole, which may cause the sides of the hole to collapse. The pole could be set if there was a hole in the bearing plate to allow the fluid into the pole. Galvanized poles are allowed to have a drain hole in the bearing plate to facilitate the galvanizing process (paragraph 5.a.(10)). Weathering steel poles are not normally allowed to have this same hole due to absence of corrosion protection inside the pole. Weathering steel poles should not be used in areas where water/water table is above the base/bearing plate of a steel pole. The owner may want to coat the inside of galvanized poles with a coating similar to that on the outside of the pole and described in paragraph 5.i.(1)(d).

The problem of swamp or bog shoe is the method of attaching the device to the pole. Normally this is done by drilling a hole through the pole and using a through bolt. The problem is these bolts may be at or below water line. Therefore they let water into the pole. This does not cause a major problem for galvanized poles. For weathering steel the steel needs to cycle from wet to dry to create the corrosion protection. This cannot happen under the above conditions. There are two solutions. One is to have the inside of the pole coated as described above, the other is to have the manufacture install a water tight sleeved hole at the location of the attachment bolts.

Structure Testing - Paragraph 5.L

An option is available in the specification for full scale testing of poles. For a manufacturer that has been designing and fabricating steel poles with the same processes for a good number of years, the need for testing of a steel pole is questionable. Pole testing may be appropriate in cases where there are unusual requirements, new fabrication techniques or, when new suppliers are used to validate their design.

3. MISCELLANEOUS DESIGN INFORMATION

Direct Embedded Poles Near Electric Generating Plants and Substations

Use of direct embedded steel poles should be evaluated for the first two spans outside of a substation or generating plant. The large amount of copper used in a substation grounding grid may create a galvanic corrosion cell, with the steel of the pole sacrificing itself. Anodes or extra subsurface protection may be needed.

Additional Protection

The owner or owner's representative should determine if anodes should protect the embedded poles. If it is necessary, requirements for sacrificial anodes and their installation should be incorporated in the construction specification.

Electrical Grounding and Polyurethane Coating

When poles are direct embedded, this specification requires a polyurethane coating to be applied to the exterior surface of the embedded portion of the pole. This coating will tend to insulate the pole from the ground and as such, supplemental grounding may be necessary.

Ground Rods

Use of copper or copper clad ground wire and rods should be avoided with direct embedded poles. Galvanized rods and couplings are suggested.

4. SHIPPING - Paragraph 6.a.(3)

Lumber treated with salts (Ammoniacal copper arsenate, ACA, Ammoniacal copper zinc arsenate, ACZA, and Chromated copper arsenate, CCA) to retard "decay or fire" will chemically attack the steel. Urethane foam or some foam containing fire retardants should not be used in packaging and shipping. When these materials become wet, they become very corrosive.

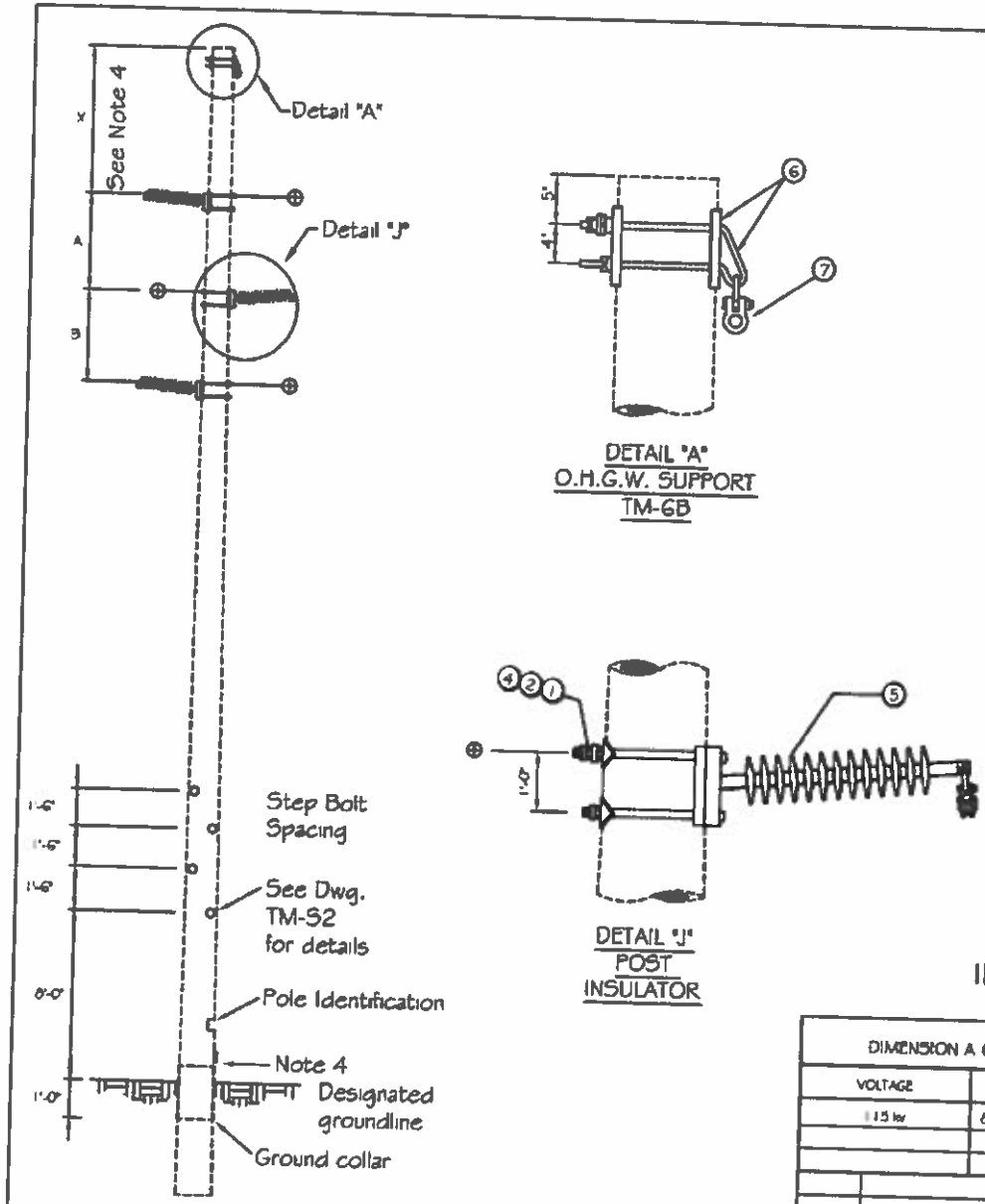
5. DRAWINGS AND INFORMATION TO BE SUPPLIED BY THE MANUFACTURER - Section 7

In order to properly evaluate bids, the specification requires certain information to be supplied with the bid. This information may be supplied on the preliminary drawings from the Bidder. If the forms in Attachment C are used, one will be able to quickly review the information on the sample forms and simultaneously compare the information from the different manufacturers.

APPENDIX B

EXAMPLES OF DRAWINGS
(Attachment A of the Specification)

STRUCTURE DIMENSIONS, POLE FRAMING DRAWINGS, AND DETAILS



DETAIL "A"
O.H.G.W. SUPPORT
TM-6B

DETAIL "J"
POST
INSULATOR

LIST OF MATERIALS

DWG. REF.	QTY.	DESCRIPTION	ITEM	DET.	CODE No.
1	6	7/8" Bolt, Machine, by req'd length	c		
2	6	Washer, 4"sq x 1/4", 15/16 hole(note 1)	d		
3	1	7/8" Clamp, Groundwire + 1 nut	dp		
4	6	7/8" Locknut, MF type	ck		
5	3	Insulator, Line Post, Polymer w/clamp		TM-3P	
6	1	OHGW SUPPORT ASSEMBLY	-	TM-6B	
7	1	OHGW ASSEMBLY, TANGENT	-	TM-4	

NOTES

1. For flat sides of a multisided pole, use a flat washer for item 2 of the List of Materials. For round poles, use a curved washer.

2. Orientation of step bolts is indicated on drawing TM-S2.

3. Groundline location and embedment depths are specified on the POLE FRAMING drawing.

4. Location of grounding nut and grounding plate is shown on the POLE FRAMING drawing.

5. The following materials are to be specified on the plan and profile drawings and staking sheets: POLES, POLE GROUNDING ASSEMBLY, AND ANY ADDITIONAL FOUNDATION UNITS

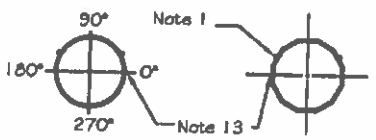
INFORMATION FOR POLE MANUFACTURERS

DIMENSION A & B		
VOLTAGE	A	B
115 kv	8'-0"	8'-0"
NO.	REVISION	DATE

EXAMPLE
TRANSMISSION LINE STRUCTURE
TANGENT HORIZONTAL LINE POST
(Steel Pole - 115kV)

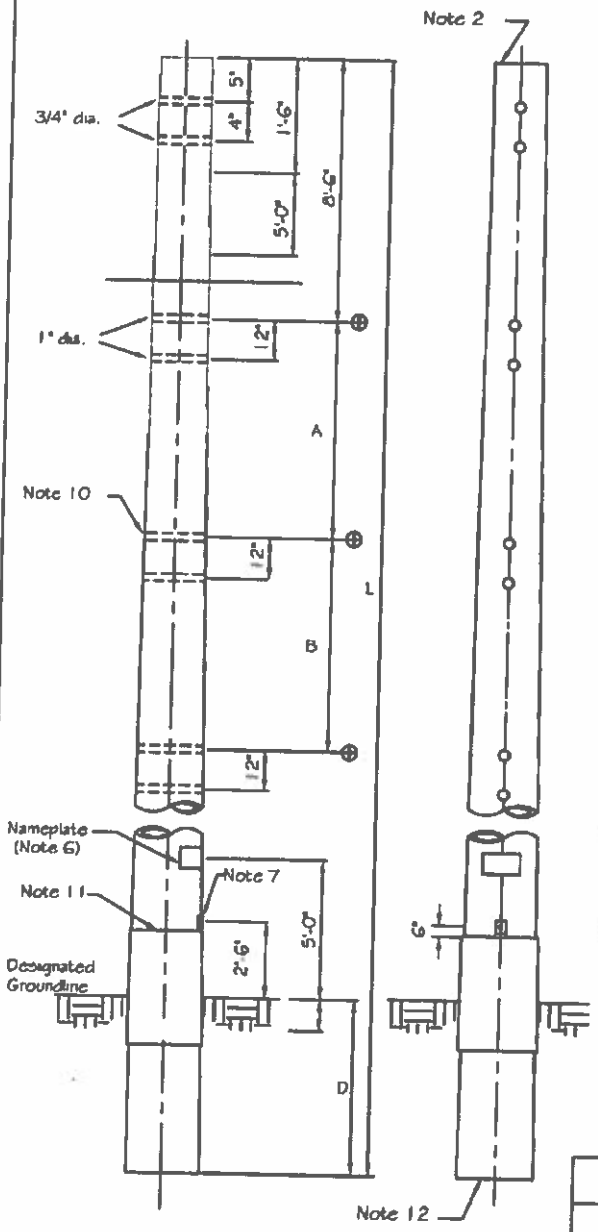
Mar., 2001

TPS-115



Round or 8 Multisided Steel Pole

12 Multisided Steel Pole



NOTES:

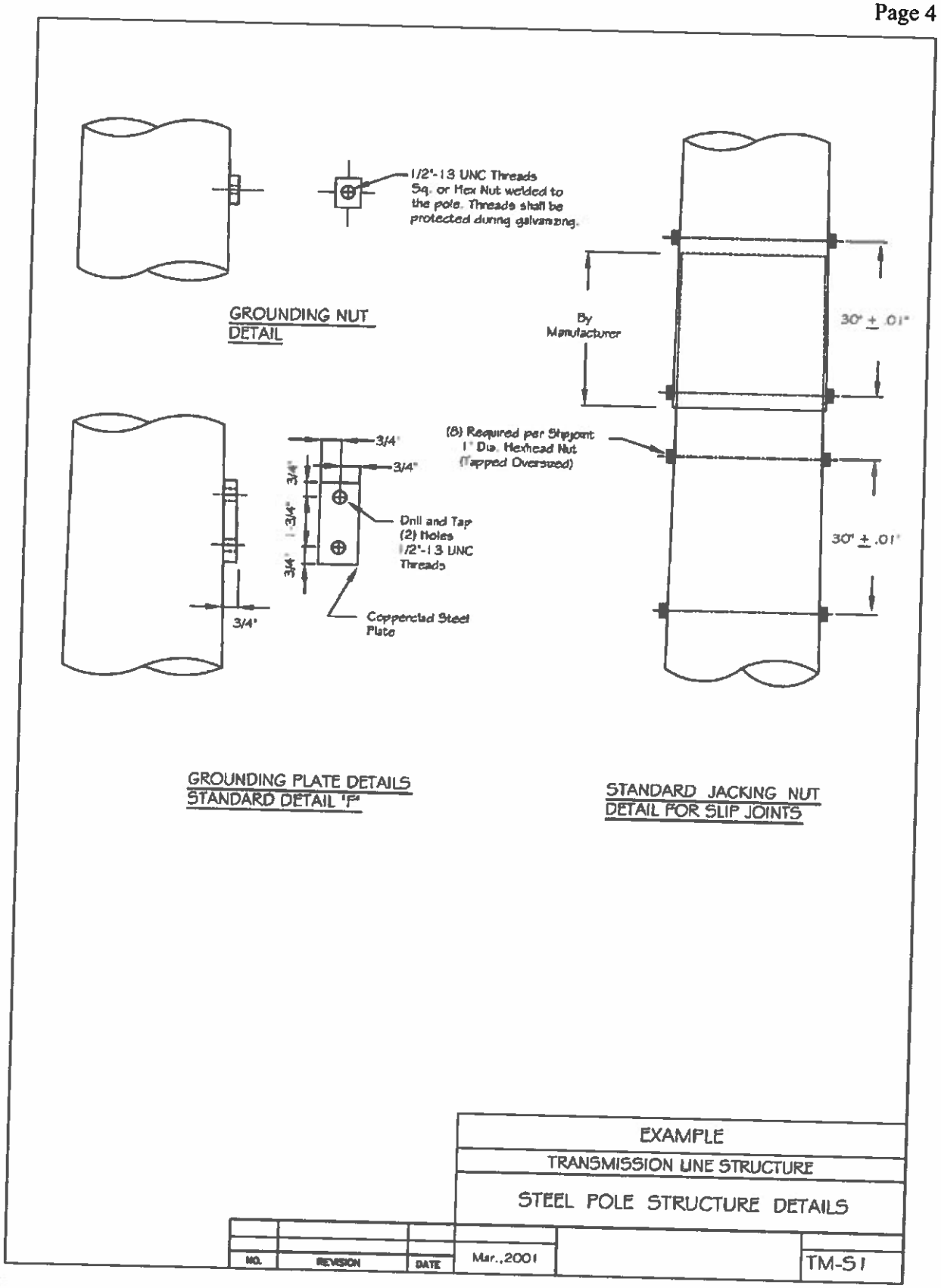
1. Provide 3/4"x7 1/2" galvanized stepbolts with locknuts at 1'-6" staggered spacing from 8' above designated groundline to 2' below poletop. Step bolts orientation is indicated on Drawing TM-92.
2. The top of the pole shall be permanently covered structural steel plate that is bolted or otherwise permanently attached to the pole. The pole shall be delivered with the pole cover attached in place.
3. Plastic plugs shall be installed in all nuts welded to the structure and all tapped holes.
4. For splice details, see drawing TM-91.
5. Tolerances: Section 5.4 of the specifications
6. Nameplate shall be located as shown with the following minimum information:
   - Manufacturer's name
   - Month and Year of manufacture
   - Length and class of pole
   - Ultimate moment capacity of the pole
   - Owner's name
   - Pole weight
7. Engineer to specify type of grounding connection. For grounding plate/nut details, see drawing TM-91.
8. Dimensions "D" from pole butt to designated groundline is given below:

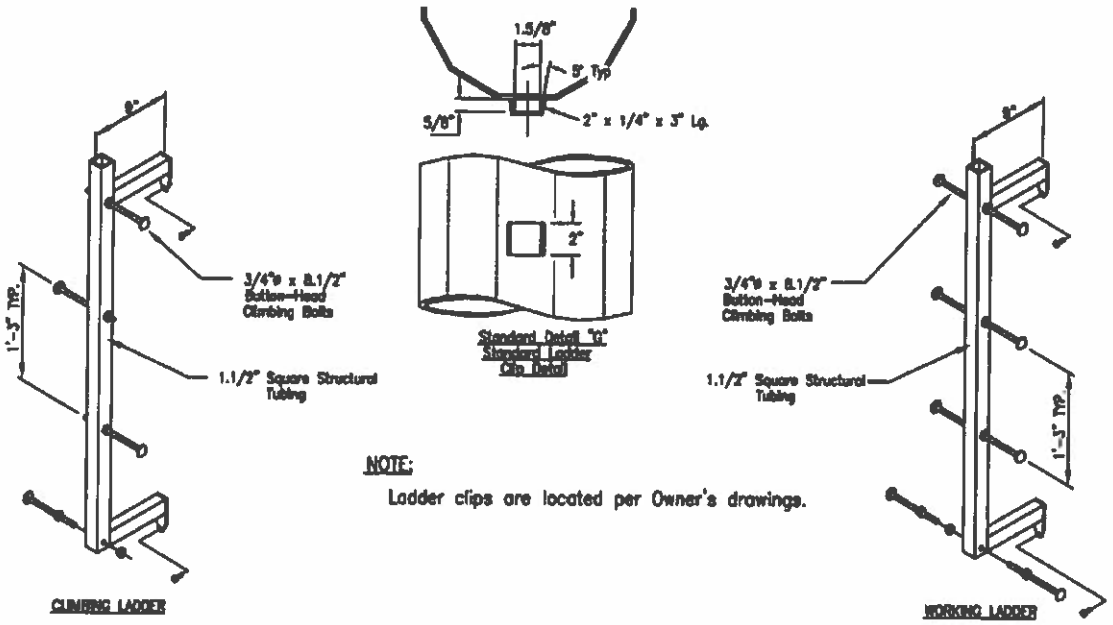
L	70'	75'	80'	85'	90'	95	100'
D		←	(Engineer to specify)	→			

9. Dimension "A" and "B" are as follows:
   A = 8'-0"
   B = 8'-0"
10. Mounting holes for insulator located on 0-180°
11. Ground collars shall have a minimum thickness of 3/16", have a length of 4 feet, and be located on the centerline of the designated groundline.
12. For galvanized poles, the drain hole in the bottom bearing plate shall not be greater than 30% of the bearing plate area.
13. For all multisided sections, a flat side should be on the 0-180° axis.

EXAMPLE
TRANSMISSION POLES
TPS-115 POLE FRAMING DRAWING
(Steel)

NO.	REVISION	DATE	Mar., 2001	TPFS-115

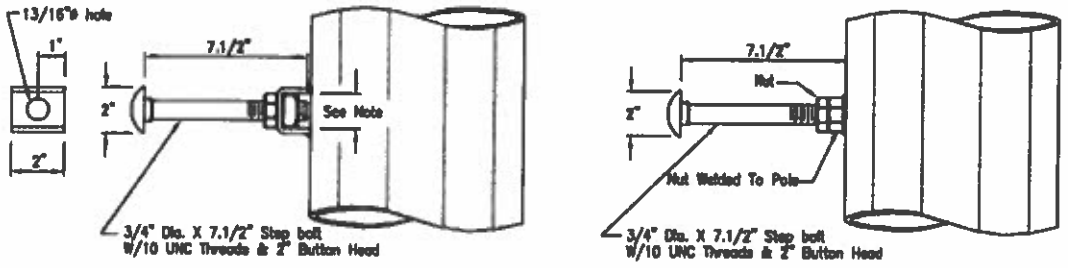

1/2"-13 UNC Threads Sq. or Hex Nut welded to the pole. Threads shall be protected during galvanizing.
GROUNDING NUT DETAIL
By Manufacturer
30" ± .01"
(8) Required per Shipjoint 1" Dia. Hexhead Nut (Tapped Oversized)
3/4"
3/4"
3/4"
3/4"
3/4"
Drill and Tap (2) Holes 1/2"-13 UNC Threads
Copperclad Steel Plate
3/4"
30" ± .01"
GROUNDING PLATE DETAILS STANDARD DETAIL "F"
STANDARD JACKING NUT DETAIL FOR SLIP JOINTS
EXAMPLE
TRANSMISSION LINE STRUCTURE
STEEL POLE STRUCTURE DETAILS
NO.
REVISION
DATE
Mar., 2001
TM-S1



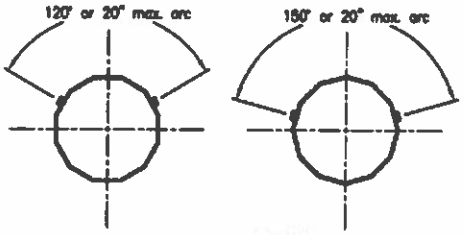
NOTE:
Ladder clips are located per Owner's drawings.

STANDARD LADDER DETAILS

NOTE:
1. Step bolt clip shall be designed and fabricated to prevent square nut rotation while step bolt is installed.
2. Step bolts are located per owner's drawings.



STANDARD STEP BOLT DETAILS



TRANSMISSION LINE STRUCTURE		
GUIDE FOR STEEL POLE STRUCTURE DETAILS		
SCALE: N.T.S.		DATE: JANUARY '97 TM-S2

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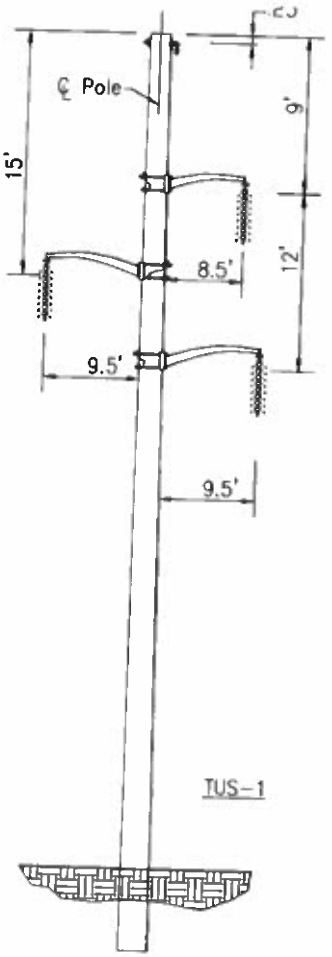
APPENDIX C. DESIGN EXAMPLES

Example 1: For the TUS-1 pole structure and loading conditions given below, determine the standard class steel pole:

General information:

Line voltage:	161 kV
Design by:	ACME Engineers
Structure type:	TUS-1 Steel Pole Structures (steel pole with upswept arms)



Geometry of the structure and location of loads:

	Distance from Pole Top, Ft.
OHGW	0.25
COND-1	9.00
COND-2	15.00
COND-3	21.00
At Gd. Line-assumed	70.00
Pole-End	80.00
Crossarm Dimensions:	
Top arm	8.5 ft
Middle arm	9.5 ft
Bottom arm	9.5 ft

Overall pole length is 80 feet. The above dimensions assume a 10.0 foot embedment depth for the steel pole (using standard rule for wood poles of 10 percent pole length plus 2 feet). Assume top of the pole has a 10 inch diameter, and the groundline diameter is 20 inches.

Load Factors (LFs) used in this example:

For NESC Light, Medium, or Heavy Loading District Loads

Vertical Loads	1.50
Transverse. Wind Loads	2.50
Transverse. Wire Tension Load at Line Angle	1.65
Longitudinal Loads	1.10
Extreme Wind Loads	1.10
Extreme Ice with Concurrent Wind Loads	1.10

Conductor and OHGW Data:

OHGW:	3/8"HSS R.B.S = 10,800 lbs
161 kV Conductor:	Drake (795 26/7 ACSR) R.B.S = 31,500 lbs

Design Span Information:

Vertical Span	900 ft.
Horizontal Span	750 ft.
Line Angle	0 degrees

Load Cases:

Load Case A: NESC Medium District Loads

Load Case B: 90 mph Extreme Wind Load (1.1 LF applied)

Load Case C: 30 mph with 1 inch ice load (1.1 LF applied)

Loading Information (summary):

NESC Medium Loading Data

		Transverse	Vertical
	Cond. Tension (kips)	lb./ft.	lb./ft.
Drake –795 26/7 ACSR	7.91	.5360	1.5162
OHGW – 3/8 HSS	2.56	.2867	.4626

Extreme Wind Loading Data (90 mph)

		Transverse	Vertical
	Cond. Tension (kips)	lb./ft.	lb./ft.
Drake –795 26/7 ACSR	6.54	1.9390	1.0940
OHGW – 3/8 HSS	1.23	.6210	.2730

Extreme Wind with Concurrent Ice (30 mph wind and 1" ice)

		Transverse	Vertical
	Cond. Tension (kips)	lb./ft.	lb./ft.
Drake –795 26/7 ACSR	12.54	.5967	3.7154
OHGW – 3/8 HSS	5.27	.4532	1.9642

Calculate forces and moments at the groundline: (assumes no pole rotation)

- **NESC Medium District Loading**

	Load Due to Wind on Wire (kips)	Load Due to Line Angle (kips)	Total Transverse Load W/LF (kips)	Moment Arm Feet	Factored Moments Ft. kips @ Groundline
OHGW	.215	0	.538	69.75	37.5
COND-1	.402	0	1.005	61.00	61.3
COND-2	.402	0	1.005	55.00	55.3
COND-3	.402	0	1.005	49.00	49.2
Groundline				0.0	
Total Shear Loads for Wire Loads			3.57		203.4
Wind on the Pole			0.88		27.2
Moments due to unbalanced vertical Wire Load (8.5 ft arm or 9 ft from conductor attachment to center of pole)					18.9
Moment due to deflection for weight of pole and for wires (p-delta moment) Approximated, based on 15 percent of the static moment from wire loads, i.e. M=.15x203.4 ft kips)					30.5
Total Transverse Shear @ Groundline			4.45		--
Total Moments @ Groundline			--		279.9

Total Groundline Moment for Medium Loading District = 279.9 ft.-kips

- **Extreme Wind Load and Extreme Ice with Concurrent Wind Load**

Similar calculations are performed for the extreme wind load and extreme ice with concurrent wind loads:

Total Ground Line Moment for Extreme Wind Load = 418 Ft-Kips
Total Groundline Moments for Extreme Ice with Concurrent Wind Loads = 165ft-kips

- **Conclusions: The Extreme Wind Loading Case controls design.**

Determine which "standardized" steel pole design to use:

Distance 2' from top to groundline = 70' – 2.0' = 68'

Load 2' from the top to
cause a 332 ft.-kip moment at groundline: = 417 ft-kips/68' = 6140 lbs.

Based on the above calculated tip load and from **Table 1 of the specification,** use a **S-06.5 pole**

Perform a quick check to verify the assumed embedment depth using RUS Bulletin 1724E-205, "Design Guide: Embedment Depths for Concrete and Steel Poles".

Discussion:

Based on the results above, the extreme wind load case controls the design. Results from a computer program which uses finite element analysis are summarized in the table below. The results compare manual linear calculations with an estimate of secondary moments to the results from a computer program which performs a nonlinear analysis.

The NESC allows the use of span factors and height adjustment factors when considering extreme wind loads (refer to RUS Bulletin 1724E-200, Design Manual for High Voltage Transmission Lines, Chapter 11). From the summary below, several conclusions can be made. The results from manual calculations and the computer analysis using finite elements are close, the major difference occurring with the estimate of secondary moments in the manual calculations. Also, the use of span factors and height adjustment factors will impact the design reactions. When using span factors and height adjustment factors, the selected 'standardized' steel pole would be:

> Load 2 ft from the top to cause a 334. ft kip moment (nonlinear analysis and span and height adjustment factors) = 4930 lbs.

Based on the above calculated tip load and from **Table 1 of the specification**, use a **S-05.7 pole**

Load Case	Groundline Moments based on manual calculations with an estimate of the secondary moments (15% of static moment)	Groundline Moments based on a nonlinear analysis	Groundline Moments based on a nonlinear analysis and using span and height adjustment factors
Load Case A NESC Medium Loading	**279**	**276**	**N.A.**
Load Case B Extreme Wind Load	**417**	**401**	**334**
Load Case C Extreme Ice with Concurrent Wind	**163**	**176**	**N.A.**

In this example, if span factors and height adjustment factors are applied in calculating the unit loads, the standard size class steel pole will be reduced by one class.

Example 2: An existing 161 kV single pole line is composed of Douglas Fir wood poles. In several locations, steel poles are to replace wood pecker damaged wood poles. The existing damaged poles are 80 ft class 1 wood poles with the TUS pole top assembly. Determine which standard size steel pole should be used to replace the wood pole. Extreme wind design load is 20.7 psf (90 mph). The line is located in the heavy loading district. The conductor is 795 ACSR Drake and the overhead ground wire is 3/8" HSS.

NESC heavy district loads with an strength factor of .65 and a load factor of 2.5 controlled the design of the original wood pole line. However, a quick comparison of the unit loads for the extreme wind and the NESC heavy district load with load factors and strength factors for steel, indicates that the extreme wind load will control the design of the steel pole.[1] Because the extreme wind case controls design of the steel replacement pole, the engineer may use Table A-2 for convenience.

Table A-2 indicates that for a class 1 wood pole, a S03.5 may be used. There may be other issues in matching classes of wood poles to steel poles that the engineer may need to consider. This example, however, shows the importance of determining the loading condition that controls the design of the steel pole. If the engineer had assumed that the NESC heavy district load controlled design of the steel pole replacement since it controlled the design of the wood pole when initially installed, then Table A-1 would have been mistakenly used and a S02.9 would have been selected as the replacement pole.

Note 1: Unit loads for extreme wind is 1.9113 lbs./ft, or 2.102 with a 1.1 LF and for the NESC heavy district load, the unit load is 1.7567 lbs./ft (.7027 times 2.5) with a 2.5 LF.

APPENDIX D

SELECTED METRIC CONVERSIONS

Selected SI-Metric Conversions

AREA

To Convert From	To	Multiply By
circular mil (cmil)	square meter (m^2)	5.067075 E-10
square centimeter (cm^2)	square meter (m^2)	*1.000 E-04
square foot (ft^2)	square meter (m^2)	*9.290304 E-02
square inch (in^2)	square meter (m^2)	*6.451600 E-04
square kilometer (km^2)	square meter (m^2)	*1.000 E+06
square mile (mi^2)	square meter (m^2)	2.589988 E+06

FORCE

To Convert From	To	Multiply By
kilogram force (kgf)	Newton (N)	*9.806650
kip	Newton (N)	4.448222 E+03
pound force (lbf)	Newton (N)	4.44822

FORCE PER LENGTH

To Convert From	To	Multiply By
kilogram force per meter (kgf/m)	Newton per meter (N/m)	*9.806650
pound per foot(lb./ft)	Newton per meter (N/m)	1.459390 E+01

DENSITY

To Convert From	To	Multiply By
pound per cubic inch (lb/in^3)	kilogram per cubic meter (kg/m^3)	2.767990 E+04
pound per cubic foot ($lb./ft^3$)	kilogram per cubic	1.601846 E+01

LENGTH

To Convert From	To	Multiply By
foot (ft)	meter (m)	3.048 E-01
inch (in)	meter (m)	*2.540 E-02
kilometer (km)	meter (m)	*1.000 E+03
mile (mi)	meter (m)	*1.609344 E+03

*Exact Conversion

Selected SI-Metric Conversions (Cont.)

LOAD CONCENTRATION

To Convert From	To	Multiply By
pound per square inch (lb/in^2)	kilograms per square meter (kg/m^2)	7.030696 E+02
pound per square foot (lb/ft^2)	kilograms per square meter (kg/m^2)	4.788026
ton per square foot (ton/ft^2)	kilograms per square meter (kg/m^2)	9.071847 E+02

PRESSURE

To Convert From	To	Multiply By
kip per square inch (kip/in^2)	Pascal (Pa)	6.894757 E+06
kip per square foot (kip/ft^2)	Pascal (Pa)	4.788026 E+04
Newton per square meter (N/m^2)	Pascal (Pa)	*1.000
pound per square foot (lb/ft^2)	Pascal (Pa)	4.788026 E+01
pound per square inch (lb/in^2)	Pascal (Pa)	6.894757 E+03

BENDING MOMENT

To Convert From	To	Multiply By
kilogram force meter (kgf-m)	Newton meter (N-m)	*9.806650
kip-foot (kip-ft)	Newton meter (N-m)	1.355818 E+02
pound-foot (lb-ft)	Newton meter (N-m)	1.355818

VELOCITY

To Convert From	To	Multiply By
foot per second (ft/s)	meter per second (m/s)	*3.048 E-01
kilometer per hour (km/h)	meter per second (m/s)	2.777778 E-01
mile per hour(mi/h)	meter per second (m/s)	4.437030 E-01
meter per hour (m/h)	meter per second (m/s)	2.777778 E-04

*Exact Conversion.

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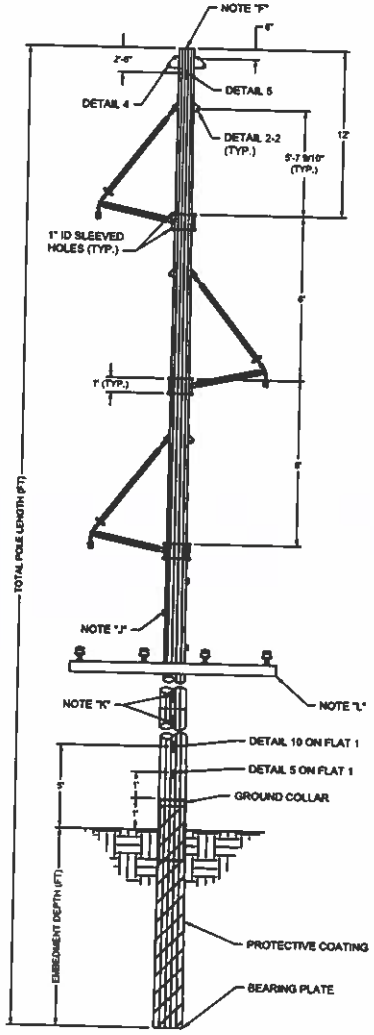

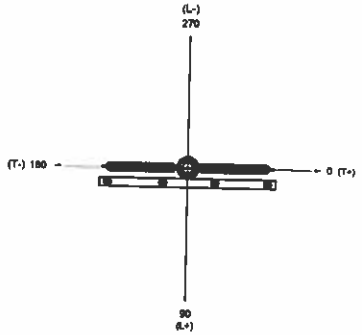

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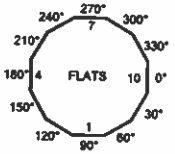

GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT DEPTH ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. BRACED POST INSULATOR (BLP) IS MACLEAN'S B29010548110744X. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMODATE BLP.
C. FIBERGLASS CROSSARM IS PUPI'S TS—144SPX-. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMMODATE CROSSARM.
D. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
E. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
F. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
G. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE POLE DATA SUMMARY TABLE.
H. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
I. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE. I.E. NO FIELD WELDING PERMITTED.
J. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS OR OTHER POLE FEATURES. STEP CLIPS SHALL START 8' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
K. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11.
L. REFERENCE APPENDIX 3 - UNDERBUILD APPURTENANCES FOR EACH STRUCTURE'S UNDERBUILD ATTACHMENT REQUIREMENTS.

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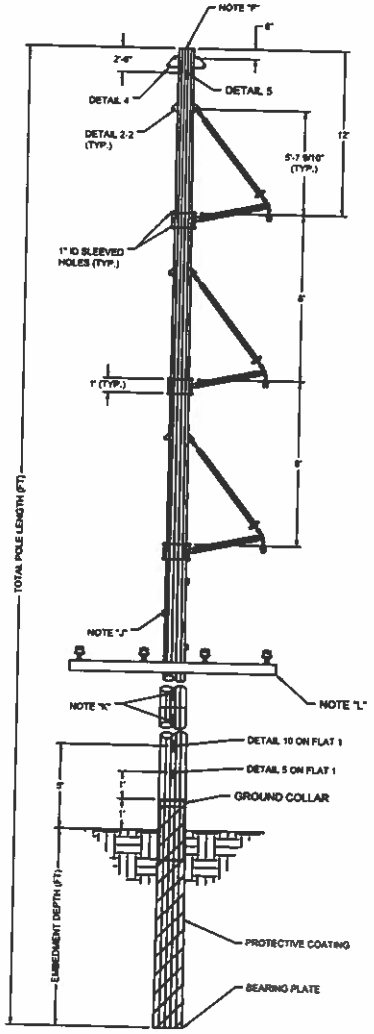
REV #	DESCRIPTION	DATE	DWN.	CKD	APPR.
0	ISSUED FOR PROCUREMENT	10/17/2025	KBW	AT	RMA

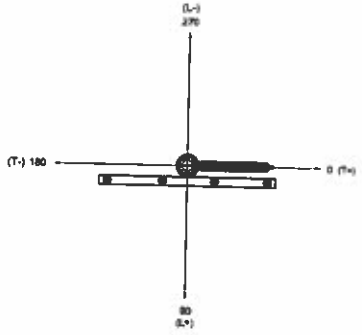
Rochelle MUNICIPAL UTILITIES
The City of Rochelle's Electric Utility Company

BHMG
BHMG ENGINEERING INC.
9751 LANDMARK PARKWAY DRIVE, SUITE 118A
ST. LOUIS, MO. 63127 (636) 333-5005
WWW.BHMG.COM
ILLINOIS LICENSE NO. *0484.004.002

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TBP-69G-STL
ALTERNATING BRACED POST TANGENT

DRAWN: KBW
APPROVED: RMA
DRAWING #: 2200-TBP-69G-STL
DATE: 10/17/2025
SCALE: N/A
SHEET: 1 OF 1





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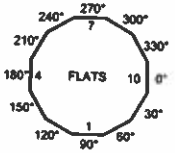

GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT DEPTH ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
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C. FIBERGLASS CROSSARM IS PUPP'S TS----144SPX-. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMMODATE CROSSARM.
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M. ORIENTATION SHOWN IS FOR POSITIVE LINE ANGLES. FOR STRUCTURES WITH NEGATIVE LINE ANGLES, FLIP ORIENTATION ALONG VERTICAL AXIS.

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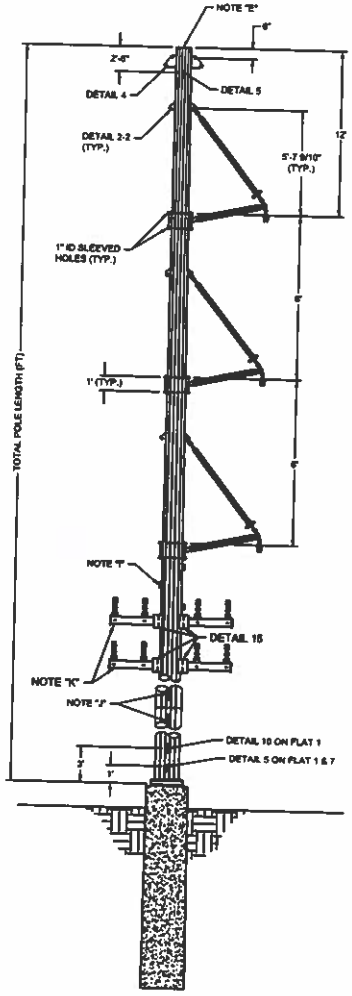
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

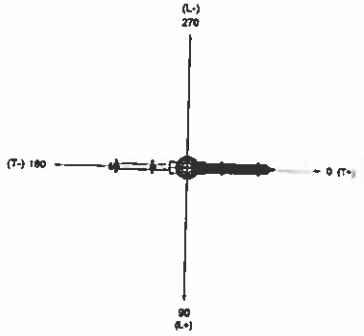
Rochelle MUNICIPAL UTILITIES
The City Of Rochelle's Municipally-owned Utility

BHMG

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TBP-89GB-STL
VERTICAL BRACED POST TANGENT

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2200-TBP-89GB-STL
DATE: 10/17/2025
SCALE: NTS
SHEET: 1 OF 1





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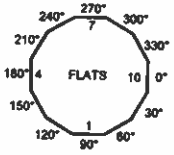

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REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

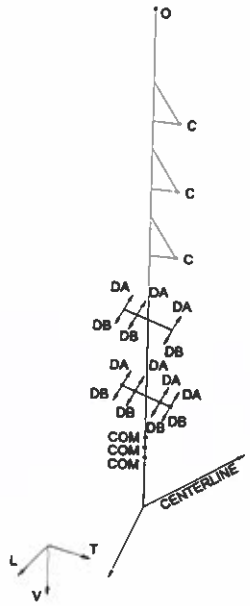
Rochelle MUNICIPAL UTILITIES

BHMG

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TBP-9608-EHQ-004
VERTICAL BRACED POST TANGENT
ON DRILLED PIER W/ DOUBLE
DAVIT ARM ASSEMBLIES

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2200-TBP-9608-EHQ-
DATE: 10/17/2025
SCALE: NTS
SHEET:

LOADING DIAGRAMS



STR 21, 22, & 24

Running Angle: Structure 21, 22, & 24				Loads (Kips)					
Load Case	Description	Wind / Ice / Temp		O	C	DA	DB	COM	Load Factor
1	NESC 250B	48mph / 0.5" / 0°F	V	0.0	2.0	0.3	0.3	0.4	1.5
			T	2.4	5.3	0.9	0.9	1.0	2.5
			L	-0.2	-0.2	-5.2	5.2	-0.2	1.65
2	NESC 250C	94mph / 0" / 60°F	V	0.4	0.9	0.2	0.2	0.2	1.1
			T	1.4	3.3	0.5	0.5	0.7	1.1
			L	-0.2	-0.2	-2.7	2.7	-0.2	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.9	2.0	0.3	0.3	0.4	1.1
			T	1.6	3.5	0.6	0.6	0.7	1.1
			L	-0.2	-0.2	-4.1	4.1	-0.2	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	1.2	2.3	0.4	0.4	0.5	1
			T	1.3	3.0	0.5	0.5	0.6	1
			L	-0.2	-0.2	-4.0	4.0	-0.2	1
5	UpliR	0mph / 0" / -15°F	V	0.0	0.0	0.1	0.1	0.1	1
			T	1.0	2.4	0.5	0.5	0.5	1
			L	-0.2	-0.2	-3.6	3.6	-0.2	1
6	Deflection	0mph / 0" / 60°F	V	0.3	0.8	0.2	0.2	0.2	1
			T	0.7	1.5	0.3	0.3	0.5	1
			L	-0.2	-0.2	-1.8	1.8	-0.2	1
7	Maintenance	0mph / 0" / 60°F	V	0.7	2.1	0.2	0.2	0.2	3
			T	0.7	1.5	0.3	0.3	0.5	1
			L	-0.2	-0.2	-1.8	1.8	-0.2	1
8	Terminal NESC 250B (No Wires Back)	48mph / 0.5" / 0°F	V	0.0	2.0	0.3	0.0	0.4	1.5
			T	2.4	5.3	0.9	0.0	1.0	2.5
			L	-0.2	-0.2	-5.2	0.0	-0.2	1.65
9	Terminal NESC 250C (No Wires Back)	94mph / 0" / 60°F	V	0.4	0.9	0.2	0.0	0.2	1.1
			T	1.4	3.3	0.5	0.0	0.7	1.1
			L	-0.2	-0.2	-2.7	0.0	-0.2	1.1
10	Terminal NESC 250D (No Wires Back)	40mph / 0.75" / 15°F	V	0.0	2.0	0.3	0.0	0.4	1.1
			T	1.6	3.5	0.6	0.0	0.7	1.1
			L	-0.2	-0.2	-4.1	0.0	-0.2	1.1
11	Terminal Extreme Ice (No Wires Back)	0mph / 1" / 30°F	V	1.2	2.3	0.4	0.0	0.5	1
			T	1.3	3.0	0.5	0.0	0.6	1
			L	-0.2	-0.2	-4.0	0.0	-0.2	1
12	Differential Ice (none ahead / full back)	0mph / 0.5" / 30°F	V	0.5	1.0	0.2	0.2	0.2	2
			T	0.9	2.1	0.4	0.4	0.5	1
			L	0.9	2.2	-7.6	7.6	-0.2	1
13	Differential Ice (full ahead / none back)	0mph / 0.5" / 30°F	V	0.5	1.1	0.2	0.2	0.2	1
			T	0.9	2.1	0.4	0.4	0.5	1
			L	-0.9	-2.2	-0.8	2.5	-0.2	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 3.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor. The applied vertical load on all attachments and attachments on davit arms shall be no less than 5000 lbs, as required by OSHA.
**Structure deflection shall be limited to 1.5% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Rulling Span (ft)	Wind Span (ft)	Weight Span (ft)
O	DNO-13429	4800	414	600	700
C	T2 397.5 KCMIL "IBIS" ACSR	11400	485	600	800
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	190	200	200
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	190	200	200
COM	ADSS ALCOA	1800	181	300	300

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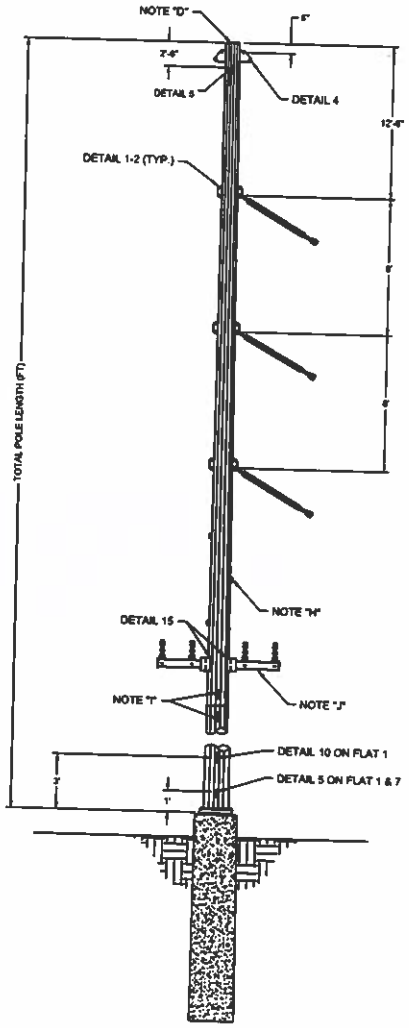
REV #	DESCRIPTION:	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	RMW	AT	RMA

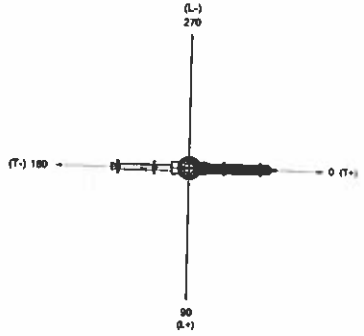
Rochelle MUNICIPAL UTILITIES
The City of Rochelle's Municipally-owned Utility

BHMG
Burns Engineering Inc.
9750 LANDMARK PARKWAY DRIVE, SUITE 110A
ST. LOUIS, MO. 63127 (636) 755-9000
www.burns-bhmg.com
ILLINOIS LICENSE NO: 184-000280-002

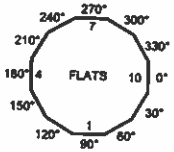
TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TBP-RKSB-END-00A
VERTICAL BRACED POST TANGENT
ON DRILLED PIER W/ DOUBLE
DAVIT ARM ASSEMBLIES

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2200-TBP-RKSB-END-0
DATE: 10/17/2025
SCALE: N/A
SHEET: 2 OF 2





PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT DEPTH ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
C. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
D. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
E. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE STRUCTURE LOADS TABLE.
F. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
G. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE. I.E. NO FIELD WELDING PERMITTED.
H. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS OR OTHER POLE FEATURES. STEP CLIPS SHALL START 6' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
I. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11.
J. REFERENCE APPENDIX 3 - UNDERBUILD APPURTENANCES FOR EACH STRUCTURE'S UNDERBUILD ATTACHMENT REQUIREMENTS.
K. ORIENTATION SHOWN IS FOR POSITIVE LINE ANGLES. FOR STRUCTURES WITH NEGATIVE LINE ANGLES, FLIP ORIENTATION ALONG VERTICAL AXIS.

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REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KWW	AT	RMA

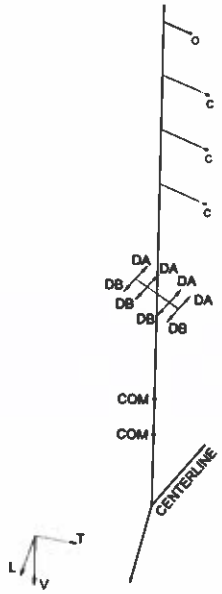
Rochelle MUNICIPAL UTILITIES
The City of Rochelle's Municipally-Owned Utility

BHMG
BHMG ENGINEERING, P.C.
9720 LANDMARK PARKWAY DRIVE, SUITE 110A
ST. LOUIS, MO. 63127 (636) 376-5555
www.bhmg.com
ILLINOIS LICENSE NO. 184004264-002

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TS-4G-ENG
I-STRING RUNNING ANGLE
ON DRILLED PIER

DRAWN: KWW
APPROVED: RMA
DRAWING #: 2209-TS-4G-ENG
DATE: 10/17/2025
SCALE: N/A
SHEET: 1 OF 2

LOADING DIAGRAMS



STR 26

Running Angle: Structure 26										
Load Case	Description	Wind / Ice / Temp		Loads (Kips) O	C	DA	DB	COM	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.9	1.8	0.4	0.3	0.4	1.9
			T	3.7	8.0	1.0	-1.3	-0.5	2.5
			L	0.2	0.2	-0.3	0.3	-0.2	1.69
2	NESC 250C	34mph / 0" / 60°F	V	0.6	0.7	0.2	0.2	0.2	1.1
			T	2.0	4.6	0.7	-0.7	-0.4	1.1
			L	0.2	0.2	-2.7	2.6	-0.2	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	1.0	1.8	0.5	0.3	0.5	1.1
			T	2.5	5.4	1.0	-0.9	-0.3	1.1
			L	0.2	0.2	-0.2	4.0	-0.2	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	1.7	2.1	0.5	0.4	0.6	1
			T	3.2	4.6	0.9	-0.8	-0.2	1
			L	0.2	-0.2	-0.2	3.6	-0.2	1
5	Uplift	0mph / 0" / -15°F	V	0.0	0.4	-0.1	-0.1	-0.1	1
			T	1.3	2.7	0.6	-0.8	-0.2	1
			L	0.2	-0.2	-0.0	3.7	-0.3	1
6	Deflection	0mph / 0" / 60°F	V	0.2	0.7	0.2	0.2	0.2	1
			T	1.0	2.4	0.4	-0.5	-0.2	1
			L	0.2	-0.2	-1.4	1.9	-0.2	1
7	Maintenance	0mph / 0" / 60°F	V	0.7	1.8	0.3	0.3	0.3	3
			T	1.0	2.4	0.6	-0.5	-0.2	1
			L	0.2	-0.2	-1.4	1.9	-0.2	1
8	Terminal NESC 250B (No Wires Back)	40mph / 0.5" / 0°F	V	0.9	1.8	0.4	0.3	0.4	1.9
			T	3.7	8.0	1.0	-1.3	-0.5	2.5
			L	0.2	0.2	-0.3	0.3	-0.2	1.69
9	Terminal NESC 250C (No Wires Back)	34mph / 0" / 60°F	V	0.6	0.7	0.2	0.2	0.2	1.1
			T	2.0	4.6	0.7	-0.7	-0.4	1.1
			L	0.2	0.2	-2.7	2.6	-0.2	1.1
10	Terminal NESC 250D (No Wires Back)	40mph / 0.75" / 15°F	V	1.0	1.8	0.5	0.3	0.5	1.1
			T	2.5	5.4	1.0	-0.9	-0.3	1.1
			L	0.2	0.2	-0.2	4.0	-0.2	1.1
11	Terminal Extreme Ice (No Wires Back)	0mph / 1" / 30°F	V	1.7	2.1	0.5	0.4	0.6	1
			T	3.2	4.6	0.9	-0.8	-0.2	1
			L	0.2	-0.2	-0.2	3.6	-0.2	1
12	Differential Ice (none ahead / full back)	0mph / 0.5" / 30°F	V	0.8	0.9	0.3	0.2	0.2	1
			T	1.3	0.2	0.5	-0.6	-0.2	1
			L	1.2	2.2	-2.0	2.0	-0.2	1
13	Differential Ice (full ahead / none back)	0mph / 0.5" / 30°F	V	0.8	0.9	0.3	0.2	0.3	1
			T	1.3	0.3	0.6	-0.6	0.2	1
			L	-1.2	-2.2	-2.0	2.0	-0.3	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 3.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor. The applied vertical load on all attachments and attachments on dead ends shall be no less than 3000 lbs, as required by OSHA.

**Structure deflection shall be limited to 1.5% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
O	DNO-13429	5000	516	600	700
C	TZ 397.5 KCMIL "IBIS" ACSR	11400	485	600	600
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	263	300	400
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	150	200	300
COM	ADSS ALCOA	2000	256	400	400

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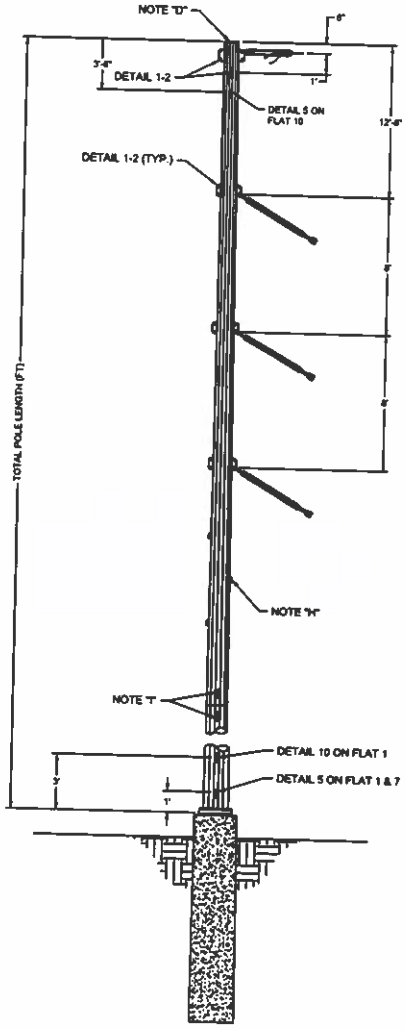
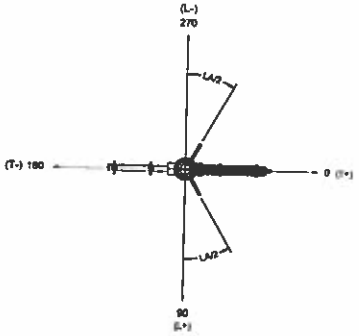
REV #	DESCRIPTION:	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES

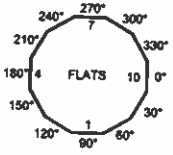
BHMG

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-4G-ENG I-STRING RUNNING ANGLE ON DRILLED PIER
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-TS-4G-ENG
DATE	10/17/2025
SCALE	N/A
SHEET	2 OF 2





PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT DEPTH ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
C. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
D. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
E. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE STRUCTURE LOADS TABLE.
F. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
G. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMITTED.
H. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS OR OTHER POLE FEATURES. STEP CLIPS SHALL START 5' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
I. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11
J. ORIENTATION SHOWN IS FOR POSITIVE LINE ANGLES. FOR STRUCTURES WITH NEGATIVE LINE ANGLES, FLIP ORIENTATION ALONG VERTICAL AXIS.

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REV #	DESCRIPTION:	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

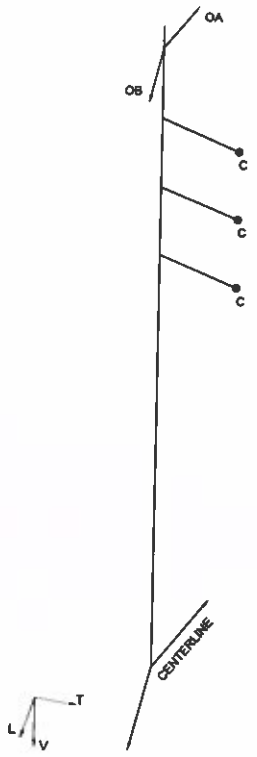
Rochelle MUNICIPAL UTILITIES
The City Of Rochelle's Locally-owned Utility

BHMG

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TS-4G-1-MOD-ENG
I-STRING RUNNING ANGLE
ON DRILLED PIER W/ OPGW DE

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2200-TS-4G-1-MOD-ENG
DATE: 10/17/2025
SCALE: N/A
SHEET: 1 OF 2

LOADING DIAGRAMS



STR 25

Running Angle: Structure 25							
Load Case	Description	Wind / Ice / Temp		Loads (Kips) OA	OB	C	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.4	0.5	1.3	1.0
			T	1.6	3.5	16.1	2.5
			L	-0.6	0.2	-0.3	1.65
2	NESC 250C	94mph / 0" / 60°F	V	0.2	0.2	0.5	1.1
			T	1.9	1.9	8.5	1.1
			L	-4.2	0.3	-0.2	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.5	0.6	1.3	1.1
			T	2.5	2.4	10.9	1.1
			L	-0.8	5.7	-0.2	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.6	0.7	1.8	1
			T	2.4	2.3	10.0	1
			L	-0.2	5.6	-0.2	1
5	Uplift	0mph / 0" / -15°F	V	-0.1	-0.1	0.1	1
			T	1.5	1.6	7.9	1
			L	3.7	4.1	-0.2	1
6	Deflection	0mph / 0" / 60°F	V	0.2	0.2	0.5	1
			T	1.0	1.1	5.2	1
			L	-2.6	2.7	-0.2	1
7	Maintenance	0mph / 0" / 60°F	V	0.3	0.4	1.1	1
			T	1.0	1.1	5.2	1
			L	-2.6	2.7	-0.2	1
8	Terminal NESC 250B (No Wires Back)	40mph / 0.5" / 0°F	V	0.5	0.0	1.3	1.5
			T	3.6	0.0	16.1	2.5
			L	-0.6	0.0	-0.3	1.65
9	Terminal NESC 250C (No Wires Back)	94mph / 0" / 60°F	V	0.2	0.0	0.5	1.1
			T	1.9	0.0	8.9	1.1
			L	-4.2	0.0	-0.2	1.1
10	Terminal NESC 250D (No Wires Back)	40mph / 0.75" / 15°F	V	0.6	0.0	1.3	1.1
			T	2.5	0.0	10.9	1.1
			L	-0.8	0.0	-0.2	1.1
11	Terminal Extreme Ice (No Wires Back)	0mph / 1" / 30°F	V	0.7	0.0	1.8	1
			T	2.4	0.0	10.0	1
			L	-0.2	0.0	-0.2	1
12	Differential Ice (none ahead / full back)	0mph / 0.5" / 30°F	V	0.2	0.4	0.7	1
			T	1.2	1.6	6.9	1
			L	-3.1	4.1	2.8	1
13	Differential Ice (full ahead / none back)	0mph / 0.5" / 30°F	V	0.2	0.2	0.7	1
			T	1.6	1.3	6.9	1
			L	-4.2	3.3	-2.1	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 3.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor. The applied vertical load on all attachments and attachments on davit arms shall be no less than 5000 lbs, as required by OSHA.
**Structure deflection shall be limited to 1.5% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	5000	516	400	300
OB	DNO-13429	4800	414	400	400
C	T2 397.5 KCMIL "IRIS" ACSR	11400	485	600	500

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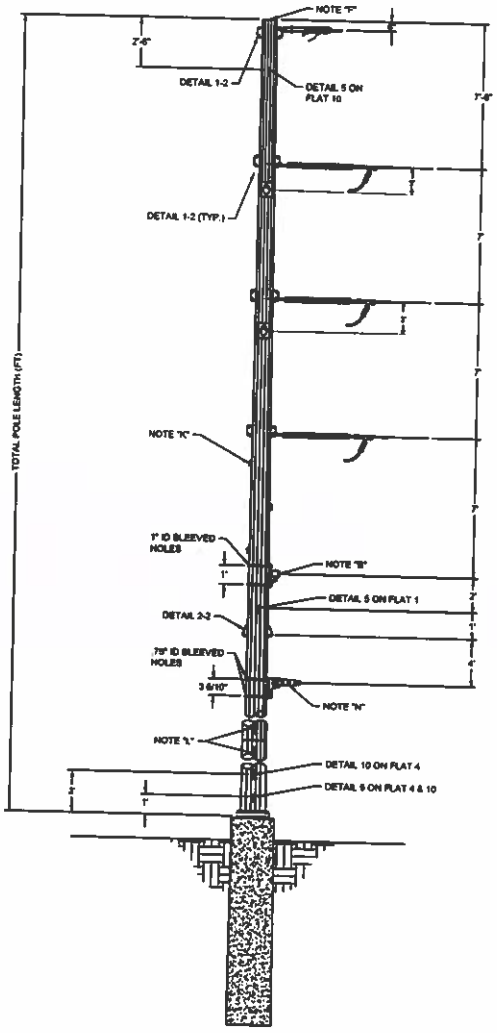
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES

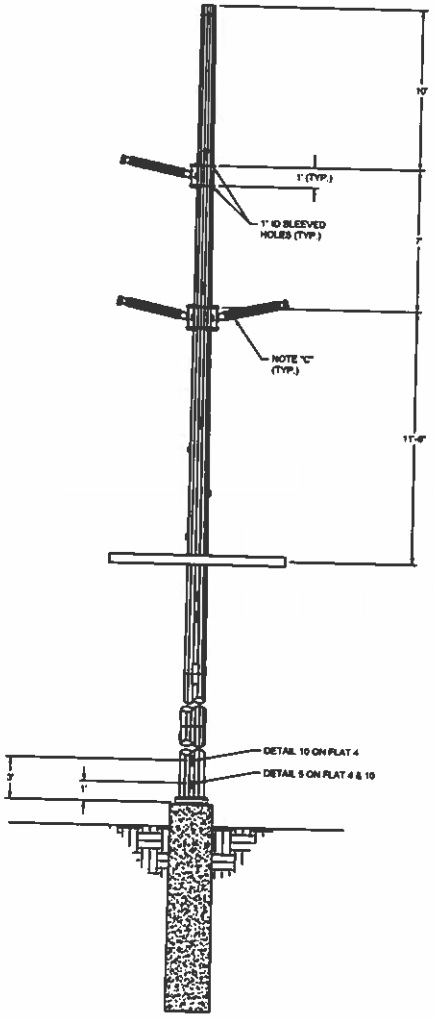
BHMG

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TS-4G-1-MOD-ENG
I-STRING RUNNING ANGLE
ON DRILLED PIER W/ OPGW DE

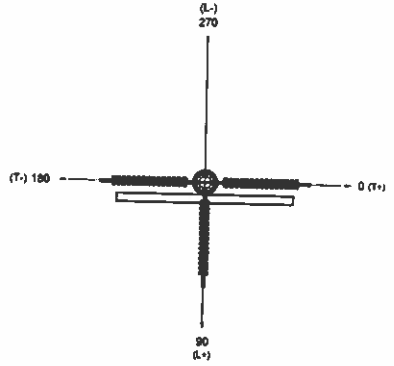
DRAWN: KMW
APPROVED: RMA
DRAWING #: 2260-TS-4G-1-MOD-ENG
DATE: 10/17/2025
SCALE: N/A
SHEET: 2 OF 2



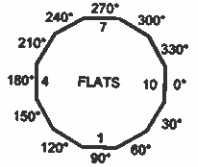
LOOKING AT 180° FLAT



LOOKING AT 90° FLAT



PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. FIBERGLASS CROSSARM IS PUPTS TB----144SP1-. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMODATE CROSSARM.
C. HORIZONTAL POST IS HUBBELL'S P2500433102G. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACE TO ACCOMMODATE POST.
D. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
E. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
F. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
G. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE STRUCTURE LOAD TABLES.
H. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
I. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMITTED.
J. ORIENTATION SHOWN IS FOR BACK-SPAN FACING STRUCTURES. FLIP ORIENTATION ALONG HORIZONTAL AXIS.
K. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS, OR OTHER POLE FEATURES. STEP CLIPS SHALL START 6' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
L. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11.
M REFERENCE APPENDIX 3 - UNDERBUILD APPURTENANCES FOR EACH STRUCTURES UNDERBUILD ATTACHMENT REQUIREMENTS.
N. HUBBEL'S CONDUIT BRACKETS (C9C3O) SHALL BE INSTALLED AT 10' SPACING AFTER THE FIRST BRACKET. BRACKETS SHALL STOP 3' ABOVE GROUND LINE.
O. OPGW FIBER SPLICE RACKS ARE TO BE PROVIDED AT STR 1, 7, 8, 18, 19, 35, & 36. SEE DETAIL 7 ON DRAWING 2200-DETAILS FOR DIMENSION INFORMATION AND SHALL IT BE ORIENTED ON A FLAT THAT DOES NOT INTERFERE WITH OTHER ATTACHMENTS.
P. DOWNLEAD TABS, PER DETAIL 9 ON DRAWING 2200-DETAILS, SHALL BE PROVIDED EVERY 6' TO 8' FOR STRUCTURES WITH OPGW FIBER SPLICE RACKS AND SHALL BE ORIENTED ON A FLAT THAT DOES NOT INTERFERE WITH OTHER ATTACHMENTS.

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REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	RMW	AT	RMA

Rochelle MUNICIPAL UTILITIES

BHMG

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-69DE-UG-ENG RISER DEADEND ON DRILLED PIER
DRAWN	
APPROVED	RMA
DRAWING #	2200-TS-69DE-UG-ENG
DATE	10/17/2025
SCALE	N/A
SHEET	3 OF 3

LOADING DIAGRAMS

Terminal Deadend: 1, 8, 19

Load Case	Description	Wind / Ice / Temp		Loads (Kips) OA	Loads (Kips) CA	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.6	1.4	1.5
			T	0.5	0.7	2.5
			L	-9.2	-20.7	1.65
2	NESC 250C	94mph / 0" / 60°F	V	0.3	0.7	1.1
			T	0.4	0.8	1.1
			L	-4.4	-10.7	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.7	1.3	1.1
			T	0.4	0.5	1.1
			L	-6.5	-14.2	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.8	1.5	1
			T	0.2	0.3	1
			L	-6.6	-13.7	1
5	UpRit	0mph / 0" / -15°F	V	0.1	0.4	1
			T	0.2	0.2	1
			L	-4.9	-10.9	1
6	Deflection (Dead-end & Switch)	0mph / 0" / 60°F	V	0.3	0.6	1
			T	0.2	0.2	1
			L	-3.0	-7.0	1
7	Maintenance	0mph / 0" / 60°F	V	0.5	1.5	3
			T	0.2	0.2	1
			L	-3.0	-7.0	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 3.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor. The applied vertical load on all attachments and attachments on davit arms shall be no less than 5000 lbs, as required by OSHA.
**Structure deflection shall be limited to 2% of the pole height under the deflection load case and 10% under all other load cases.

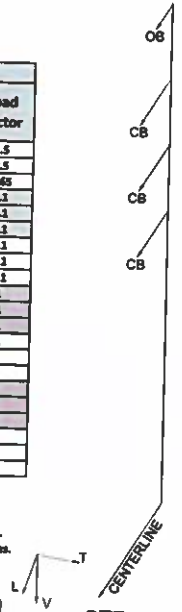
STRS 1, 8, 19

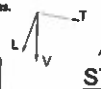
Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	5100	512	400	400
CA	T2 397.5 KCMIL "IBIS" ACSR	11400	511	400	400

Terminal Deadend: 7, 18, 35

Load Case	Description	Wind / Ice / Temp		Loads (Kips) OB	Loads (Kips) CB	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.6	1.3	1.5
			T	0.5	0.9	2.5
			L	9.2	20.7	1.65
2	NESC 250C	94mph / 0" / 60°F	V	0.3	0.6	1.1
			T	0.4	0.9	1.1
			L	4.4	10.3	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.6	1.2	1.1
			T	0.4	0.6	1.1
			L	6.5	14.2	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.8	1.4	1
			T	0.3	0.3	1
			L	6.6	13.7	1
5	UpRit	0mph / 0" / -15°F	V	0.2	0.3	1
			T	0.2	0.3	1
			L	4.9	11.2	1
6	Deflection (Dead-end & Switch)	0mph / 0" / 60°F	V	0.3	0.6	1
			T	0.2	0.2	1
			L	3.0	6.9	1
7	Maintenance	0mph / 0" / 60°F	V	0.5	1.3	3
			T	0.2	0.3	1
			L	3.0	6.9	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 3.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor. The applied vertical load on all attachments and attachments on davit arms shall be no less than 5000 lbs, as required by OSHA.
**Structure deflection shall be limited to 2% of the pole height under the deflection load case and 10% under all other load cases.





STR 7, 18, 35

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	5100	512	400	400
CA	T2 397.5 KCMIL "IBIS" ACSR	11400	511	400	400

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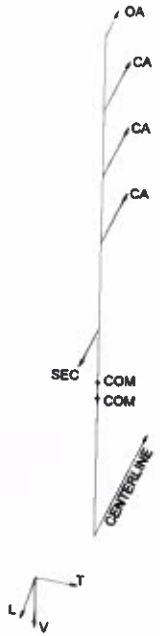
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2022	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
The City of Rochelle's Locally-owned Utility

BHMG
BHMG Engineering, LLC.
9720 LANDMARK PARKWAY DRIVE, SUITE 110A
ST. LOUIS, MO, 63127 (636) 296-6650
www.BHMG.COM
ILLINOIS LICENSE NO 184004300-002

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-69DE-UG-ENG RISER DEADEND ON DRILLED PIER
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-TS-69DE-UG-ENG
DATE	10/17/2022
SCALE	NA
SHEET	2 OF 2

LOADING DIAGRAMS



STR 36

Terminal Deadend: 36								
Load Case	Description	Wind / Ice / Temp		Loads (Kips) OA	CA	SEC	COM	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.5	1.1	0.2	0.4	1.5
			T	0.5	0.6	0.2	0.4	2.5
			L	-0.2	-30.7	1.0	-0.2	2.85
2	NESC 250C	94mph / 0" / 60°F	V	0.2	0.5	0.2	0.2	1.1
			T	0.4	0.9	0.2	0.4	1.1
			L	-4.5	-30.7	0.9	-0.2	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.5	1.0	0.2	0.4	1.3
			T	0.3	0.6	0.2	0.4	1.1
			L	-0.4	-34.1	0.7	-0.2	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.7	1.3	0.2	0.5	1
			T	0.2	0.3	0.2	0.3	2
			L	-0.3	-13.8	0.5	-0.2	1
5	Uplift	0mph / 0" / -15°F	V	-0.1	0.2	-0.1	-0.1	1
			T	0.2	0.3	0.2	0.3	2
			L	-4.3	-30.5	0.5	-0.2	1
6	Deflection (Dead-end & Switch)	0mph / 0" / 60°F	V	0.2	0.5	0.2	0.2	1
			T	0.2	0.2	0.2	0.2	2
			L	-3.0	-4.9	0.3	-0.2	1
7	Maintenance	0mph / 0" / 60°F	V	0.2	1.1	0.2	0.2	3
			T	0.2	0.2	0.2	0.2	2
			L	-3.0	-4.9	0.3	-0.2	1
8	Terminal NESC 250B (No Wires Back)	40mph / 0.5" / 0°F	V	0.5	1.1	0.0	0.4	1.5
			T	0.5	0.6	0.0	0.6	2.5
			L	-0.2	-30.7	0.0	-0.2	1.85
9	Terminal NESC 250C (No Wires Back)	94mph / 0" / 60°F	V	0.2	0.5	0.0	0.2	1.1
			T	0.4	0.9	0.0	0.4	1.1
			L	-4.5	-30.7	0.0	-0.2	1.1
10	Terminal NESC 250D (No Wires Back)	40mph / 0.75" / 15°F	V	0.5	1.0	0.0	0.4	1.3
			T	0.3	0.6	0.0	0.4	1.1
			L	-0.4	-34.1	0.0	-0.2	1.1
11	Terminal Extreme Ice (No Wires Back)	0mph / 1" / 30°F	V	0.7	1.3	0.0	0.5	1
			T	0.2	0.2	0.0	0.3	2
			L	-0.3	-13.8	0.0	-0.2	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 3.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor. The applied vertical load on all attachments and attachments on davit arms shall be no less than 3000 lbs, as required by OSHA.
**Structure deflection shall be limited to 2% of the pole height under the deflection load case and 20% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Rulling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	5100	489	400	400
CA	T2 397.5 KCMIL "IBIS" ACSR	11400	489	400	400
SEC	"SHEPHERD" XLP DUPLEX	500	71	200	200
COM	ADSS ALCOA	1800	220	300	300

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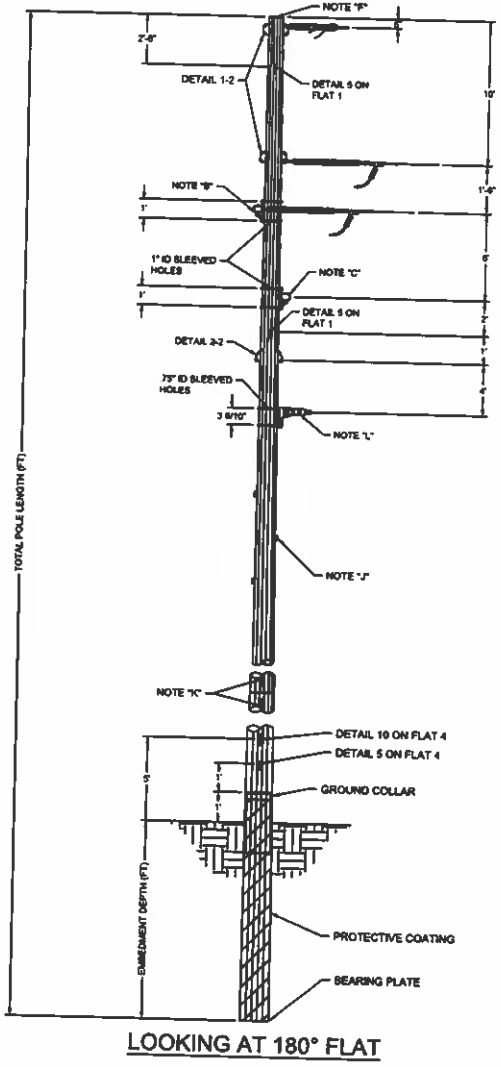
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

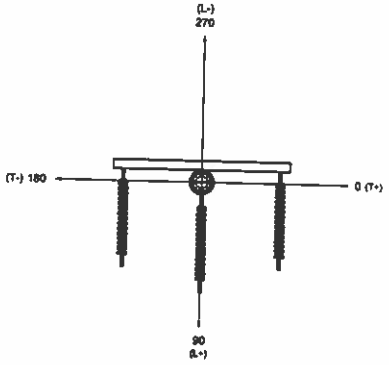
Rochelle MUNICIPAL UTILITIES

BHMG

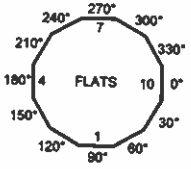
TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-69DE-UG-ENG RISER DEADEND ON DRILLED PIER
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-TS-69DE-UG-ENG
DATE	10/17/2025
SCALE	NA
SHEET	3 OF 3



LOOKING AT 180° FLAT



PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. FIBERGLASS CROSSARM IS PUPI'S DA—144545PX-. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMMODATE CROSSARM.
C. FIBERGLASS CROSSARM IS PUPI'S TB—144SPX-. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMMODATE CROSSARM.
D. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
E. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
F. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
G. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE POLE DATA SUMMARY TABLES.
H. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
I. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMITTED.
J. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS, OR OTHER POLE FEATURES. STEP CLIPS SHALL START 8' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
K. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11
L. HUBBELL'S CONDUIT BRACKETS (C6CSO) SHALL BE INSTALLED AT 10' SPACING AFTER THE FIRST BRACKET. BRACKETS SHALL STOP 3' ABOVE GROUND LINE.

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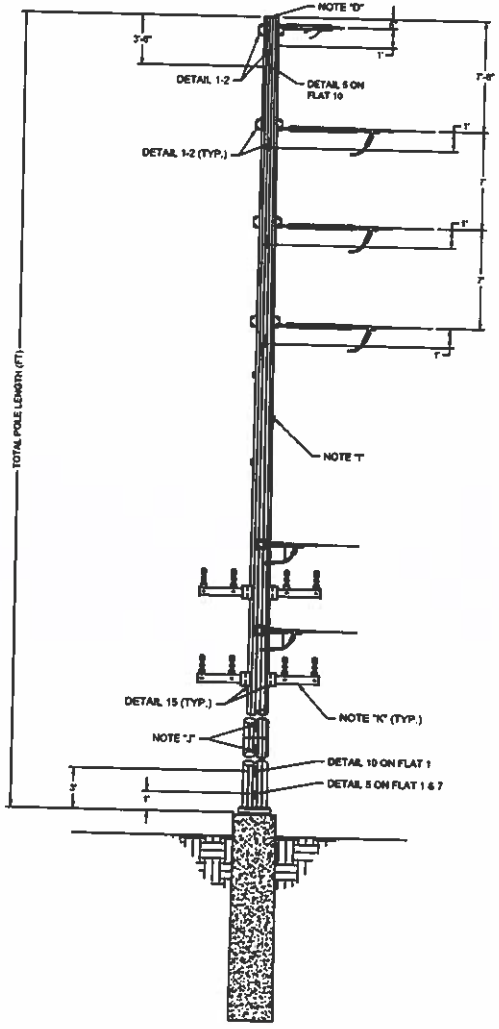
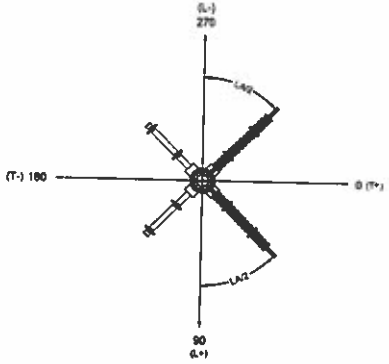
REV #	DESCRIPTION	DATE:	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
The City of Rochelle's Municipally-owned Utility

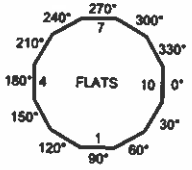
BHMG
BHMG ENGINEERS INC.
9730 LADUE ROAD, SUITE 110A
ST. LOUIS, MO. 63127 (636) 394-0000
WWW.BHMG.COM
MISSOURI LICENSE NO. 1999032044-000

TITLE:	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-RISER-STL TERMINAL DEADEND RISER
DRAWN:	KMW
APPROVED:	RMA
DRAWING #:	2200-TS-RISER-STL
DATE:	10/17/2025
SCALE:	N/A
SHEET:	1 OF 1





PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
C. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
D. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
E. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE STRUCTURE LOAD TABLES.
F. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
G. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMITTED.
H. ORIENTATION SHOWN IS FOR POSITIVE LINE ANGLES. FOR STRUCTURES WITH NEGATIVE LINE ANGLES, FLIP ORIENTATION ALONG VERTICAL AXIS.
I. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS, OR OTHER POLE FEATURES. STEP CLIPS SHALL START 8' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
J. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11
K. REFERENCE APPENDIX 3 - UNDERBUILD APPURTENANCES FOR EACH STRUCTURE'S UNDERBUILD ATTACHMENT REQUIREMENTS.
L. OPGW FIBER SPLICE RACKS ARE TO BE PROVIDED AT STR 14, 20, AND 45. SEE DETAIL 7 ON DRAWING 2200-DETAILS FOR DIMENSION INFORMATION AND SHALL BE ORIENTATED ON A FLAT THAT DOES NOT INTERFERE WITH OTHER ATTACHMENTS.
M. DOWNLEAD TABS, PER DETAIL 9 ON DRAWING 2200-DETAILS, SHALL BE PROVIDED EVERY 6' TO 8' FOR STRUCTURES WITH OPGW FIBER SPLICE RACKS AND SHALL BE ORIENTED ON A FLAT THAT DOES NOT INTERFERE WITH OTHER ATTACHMENTS.

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REV #	DESCRIPTION	DATE:	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

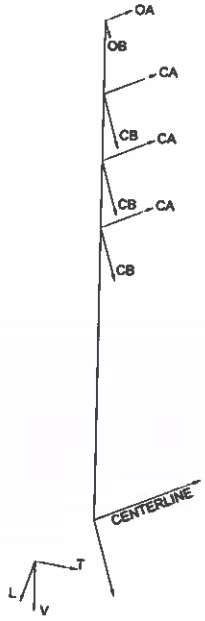
Rochelle MUNICIPAL UTILITIES

BHMG ENGINEERING INC.
901 LANDMARK PARKWAY DRIVE, SUITE 100A
ST. LOUIS, MO, 63127 (636) 300-2020
WWW.BHMG.COM
ILLINOIS LICENSE NO. 184001288-005

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TS-SG-ENG
CORNER DEADEND ON DRILLED PIER

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2200-TS-SG-ENG
DATE: 10/17/2025
SCALE: NA
SHEET: 4 OF 5

LOADING DIAGRAMS



STR 14

Terminal Deadend: 14								
Load Case	Description	Wind / Ice / Temp		Loads (Kips) OA	OB	CA	CB	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.2	0.5	0.6	1.1	1.5
			T	5.1	0.6	12.9	14.7	2.5
			L	-2.5	0.7	-11.1	13.2	1.05
2	NESC 250C	94mph / 0" / 60°F	V	0.2	0.2	0.3	0.5	1.1
			T	2.4	3.3	0.2	7.7	1.1
			L	-2.6	3.9	-0.3	7.8	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.2	0.5	0.6	1.0	1.1
			T	3.4	4.8	0.2	10.0	1.1
			L	-3.5	4.6	-0.6	10.3	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.3	0.6	0.7	1.2	1
			T	5.2	4.5	7.6	9.9	1
			L	-5.4	4.6	-7.7	9.8	1
5	Uplift	0mph / 0" / -15°F	V	-0.2	-0.1	0.6	0.1	1
			T	3.9	3.0	7.8	7.6	1
			L	-4.1	3.1	-6.0	7.9	1
6	Deflection (Dead-end & Switch)	0mph / 0" / 60°F	V	0.2	0.2	0.3	0.5	1
			T	1.9	2.1	4.5	4.8	1
			L	-2.0	2.1	-4.6	5.1	1
7	Maintenance	0mph / 0" / 60°F	V	0.2	0.2	0.6	1.1	1
			T	1.9	2.1	4.5	4.8	1
			L	-2.0	2.1	-4.6	5.1	1
8	Terminal NESC 250B (No Wires Ahead)	40mph / 0.5" / 0°F	V	0.0	0.5	0.0	1.1	1.5
			T	0.0	6.6	0.0	14.7	2.5
			L	0.0	6.7	0.0	15.1	1.05
9	Terminal NESC 250C (No Wires Ahead)	94mph / 0" / 60°F	V	0.0	0.2	0.0	0.5	1.1
			T	0.0	3.3	0.0	7.7	1.1
			L	0.0	3.3	0.0	7.8	1.1
10	Terminal NESC 250D (No Wires Ahead)	40mph / 0.75" / 15°F	V	0.0	0.5	0.0	1.0	1.1
			T	0.0	4.6	0.0	10.0	1.1
			L	0.0	4.6	0.0	10.3	1.1
11	Terminal Extreme Ice (No Wires Ahead)	0mph / 1" / 30°F	V	0.0	0.6	0.0	1.2	1
			T	0.0	4.5	0.0	9.9	1
			L	0.0	4.6	0.0	9.8	1

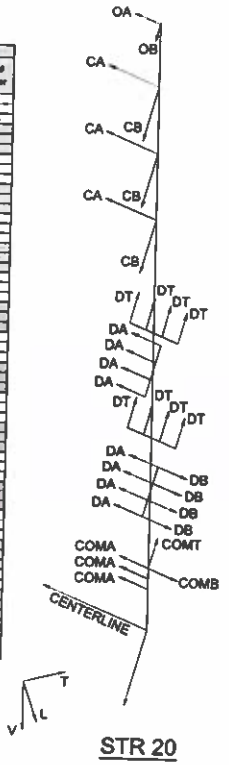
*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 1.0 while all other wire positions use a vertical load factor of 2.0. Each wire position shall be checked with the 2.0 vertical load factor.
The applied vertical load on all attachments and attachments on dead ends shall be no less than 3000 lbs, as required by OSHA.
**Structure deflection shall be limited to 2% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	4000	236	300	200
OB	DNO-13429	5000	481	400	400
CA	T2 397.5 KCMIL "IBIS" ACSR	10100	235	300	300
CB	T2 397.5 KCMIL "IBIS" ACSR	11400	481	400	400

Terminal Deadend: 20														
Load Case	Description	Wind / Ice / Temp		Loads (Kips) OA	OB	CA	CB	DA	DT	DB	COMA	COMB	COMT	Load Factor
1	NESC 250B	40mph / 0.5" / 0°F	V	0.4	0.5	0.5	1.2	0.4	0.3	0.3	0.3	0.3	0.3	1.5
			T	4.8	4.9	14.0	14.1	4.8	3.6	4.9	2.9	3.6	3.6	2.5
			L	-4.7	7.0	-20.7	21.0	-4.7	-4.2	4.2	2.5	3.2	-3.6	1.05
2	NESC 250C	94mph / 0" / 60°F	V	0.2	0.2	0.3	0.6	0.2	0.2	0.2	0.2	0.2	0.2	1.1
			T	3.1	3.1	7.4	7.6	3.0	2.4	3.1	1.6	1.8	1.8	1.1
			L	-3.2	3.3	-8.2	8.4	3.3	2.5	3.0	1.6	1.8	-1.8	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.4	0.4	1.0	1.1	0.4	0.4	0.3	0.3	0.3	0.3	1.1
			T	4.7	4.8	9.5	9.6	4.8	3.6	4.8	2.9	3.6	3.6	1.1
			L	-4.8	4.8	-10.4	10.5	4.8	3.7	4.7	2.9	3.6	-3.6	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.5	0.6	1.2	1.3	0.5	0.6	0.5	0.4	0.4	0.5	1
			T	4.3	4.3	9.0	9.0	4.3	3.4	4.3	2.6	3.4	3.3	1
			L	-4.5	4.4	-10.2	10.1	4.5	3.4	4.3	2.6	3.3	3.3	1
5	Uplift	0mph / 0" / -15°F	V	-0.1	-0.0	0.1	0.2	-0.1	-0.2	-0.2	-0.1	-0.1	0.0	1
			T	3.2	3.2	7.2	7.2	3.2	2.5	3.2	1.8	2.0	2.0	1
			L	-3.3	3.4	-8.1	8.2	3.3	2.5	3.2	1.8	2.0	-2.0	1
6	Deflection (Dead-end & Switch)	0mph / 0" / 60°F	V	0.2	0.3	0.4	0.5	0.2	0.3	0.2	0.2	0.2	0.2	1
			T	1.6	1.6	3.6	3.6	1.6	1.2	1.6	0.9	1.1	1.1	1
			L	-1.7	1.7	-3.8	3.8	1.7	1.2	1.6	0.9	1.1	-1.1	1
7	Maintenance	0mph / 0" / 60°F	V	0.2	0.3	0.5	0.6	0.2	0.3	0.2	0.2	0.2	0.2	1
			T	1.6	1.6	3.6	3.6	1.6	1.2	1.6	0.9	1.1	1.1	1
			L	-1.7	1.7	-3.8	3.8	1.7	1.2	1.6	0.9	1.1	-1.1	1
8	Terminal NESC 250B (No Wires Ahead)	40mph / 0.5" / 0°F	V	0.0	0.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5
			T	0.0	4.9	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5
			L	0.0	7.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	1.05
9	Terminal NESC 250C (No Wires Ahead)	94mph / 0" / 60°F	V	0.0	0.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.1
			T	0.0	3.1	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	1.1
			L	0.0	3.3	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	1.1
10	Terminal NESC 250D (No Wires Ahead)	40mph / 0.75" / 15°F	V	0.0	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
			T	0.0	4.8	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	1.1
			L	0.0	4.8	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1
11	Terminal Extreme Ice (No Wires Ahead)	0mph / 1" / 30°F	V	0.0	0.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1
			T	0.0	4.3	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1
			L	0.0	4.4	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 1.0 while all other wire positions use a vertical load factor of 2.0. Each wire position shall be checked with the 2.0 vertical load factor.
The applied vertical load on all attachments and attachments on dead ends shall be no less than 3000 lbs, as required by OSHA.
**Structure deflection shall be limited to 2% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	4800	413	300	300
OB	DNO-13429	5000	511	400	500
CA	T2 397.5 KCMIL "IBIS" ACSR	11400	485	300	400
CB	T2 397.5 KCMIL "IBIS" ACSR	11400	511	400	500
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	180	200	400
DT	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	169	200	300
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	169	200	300
COMA	ADSS ALCOA	1800	218	300	200
COMB	ADSS ALCOA	1800	181	200	500
COMT	ADSS ALCOA	1800	217	300	300
		1800	169	200	200



STR 20

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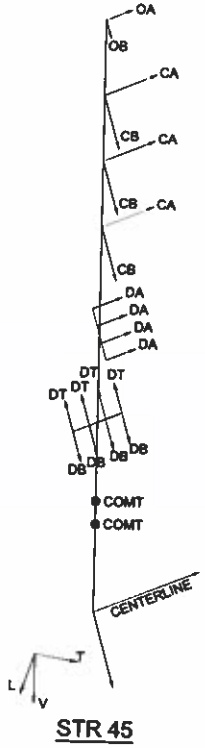
REV #	DESCRIPTION	DATE	DWN	CKD	APPR.
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
The City of Rochelle's locally-owned Utility

BHMG
BHMG ENGINEERING INC
9701 LANDMARK PARKWAY DRIVE, SUITE 118A
ST. LOUIS, MO, 63127 (314) 394-0888
www.bhmg.com
ILLINOIS LICENSE NO 184.006260-000

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-SG-ENG CORNER DEADEND ON DRILLED PIER
DRAWN	KMW
APPROVED	RMA
DRAWING #	2280-TS-SG-ENG
DATE	10/17/2025
SCALE	NA
SHEET	2 OF 3

LOADING DIAGRAMS



STR 45

Terminal Deadend: 45												
Load Case	Description	Wind / Ice / Temp	Loads Applied	OA	OB	CA	CB	DA	DB	DT	COMT	Load Factor
1	NESC 250%	40mph / 0.5" / 0°F	V	0.0	0.0	1.1	1.0	0.4	0.3	0.2	0.0	1.0
			T	0.7	0.7	10.0	10.1	0.0	0.0	0.0	0.0	0.0
			L	-0.9	0.0	-10.1	10.1	-0.0	0.0	-0.0	-0.0	0.0
2	NESC 300C	50mph / 0" / 60°F	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
			T	1.0	1.0	7.5	9.0	1.0	2.0	-0.0	-0.0	1.1
			L	-0.0	0.0	-7.5	9.0	-0.0	0.0	-0.0	-0.0	1.1
3	NESC 3000	40mph / 0.75" / 15°F	V	0.0	0.0	1.1	1.0	0.4	0.3	0.2	0.0	1.1
			T	0.0	0.7	20.0	10.1	0.1	0.1	-0.1	-0.1	1.1
			L	-0.0	0.7	-10.1	10.1	-0.1	0.1	-0.0	-0.1	1.1
4	Tolerance Ice	0mph / 1" / 30°F	V	0.7	0.0	1.2	1.1	0.0	0.0	0.0	0.0	1.1
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
5	Uplift	0mph / 0" / -10°F	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
6	Deflection (Fixed-end & Tension)	50mph / 0" / 60°F	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7	Maintenance	0mph / 0" / 60°F	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
8	Terminal NESC 250% (No Tape)	40mph / 0.5" / 15°F	V	0.0	0.0	1.0	1.0	0.4	0.3	0.0	0.0	1.0
			T	0.7	0.7	10.0	10.1	0.0	0.0	0.0	0.0	0.0
			L	-0.9	0.0	-10.1	10.1	-0.0	0.0	-0.0	-0.0	0.0
9	Terminal NESC 300C (No Tape)	50mph / 0" / 60°F	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
			T	1.0	1.0	7.5	9.0	1.0	2.0	-0.0	-0.0	1.1
			L	-0.0	0.0	-7.5	9.0	-0.0	0.0	-0.0	-0.0	1.1
10	Terminal NESC 3000 (No Tape)	40mph / 0.75" / 15°F	V	0.0	0.0	1.1	1.0	0.4	0.3	0.0	0.0	1.1
			T	0.0	0.7	20.0	10.1	0.1	0.1	0.0	0.0	1.1
			L	-0.0	0.7	-10.1	10.1	-0.1	0.1	-0.0	-0.1	1.1
11	Terminal Tolerance Ice (No Tape)	0mph / 1" / 30°F	V	0.7	0.0	1.2	1.1	0.0	0.0	0.0	0.0	1.1
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
12	Terminal NESC 250% (No Tape & No Wires Above)	40mph / 0.5" / 0°F	V	0.0	0.0	1.0	1.0	0.4	0.3	0.0	0.0	1.0
			T	0.0	0.7	0.0	15.1	0.0	0.0	0.0	0.0	0.0
			L	0.0	0.0	0.0	15.1	0.0	0.0	0.0	0.0	0.0
13	Terminal NESC 300C (No Tape & No Wires Above)	50mph / 0" / 60°F	V	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
14	Terminal NESC 3000 (No Tape & No Wires Above)	40mph / 0.75" / 15°F	V	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.1
			T	0.0	0.7	0.0	15.2	0.0	0.1	0.0	0.0	1.1
			L	0.0	0.7	0.0	15.2	0.0	0.1	0.0	0.0	1.1
15	Terminal Tolerance Ice (No Tape & No Wires Above)	0mph / 1" / 30°F	V	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1
			T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
			L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 1.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 1.0 vertical load factor.
The applied vertical load on all attachments and attachments on dead ends shall be no less than 1000 lbs, as required by NESC.
**Maximum deflection shall be limited to 5% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	5000	445	400	400
OB	DNO-13429	5100	489	400	400
CA	T2 397.5 KCMIL "IBIS" ACSR	11400	445	400	500
CB	T2 397.5 KCMIL "IBIS" ACSR	11400	489	400	400
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	232	300	300
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	223	200	200
DT	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	179	200	200
COMT	ADSS ALCOA	1800	220	300	600

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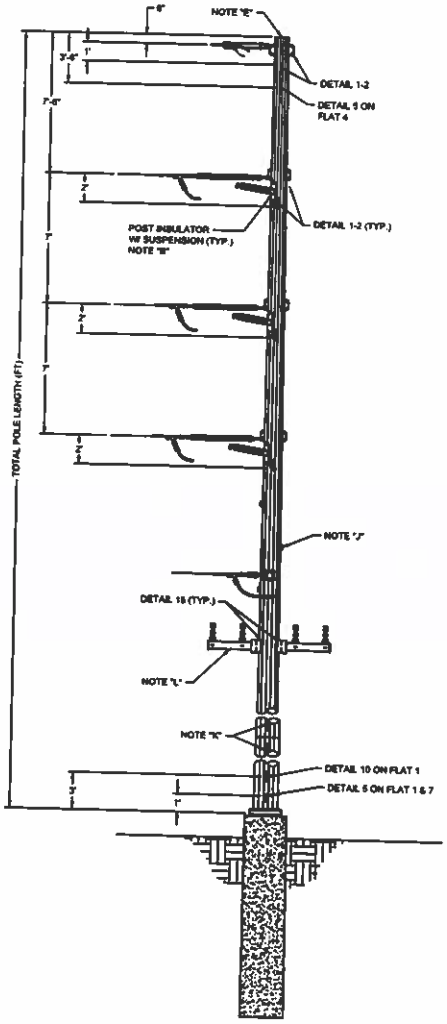
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

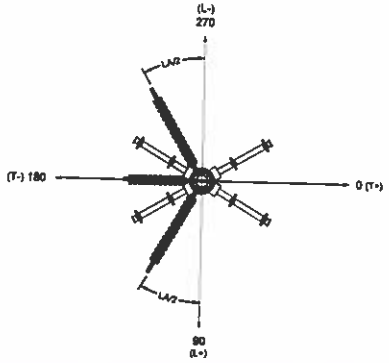
Rochelle Municipal Utilities

BHMG

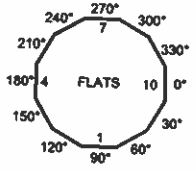
TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TS-SG-ENG
CORNER DEADEND ON DRILLED PIER

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2208-TS-SG-ENG
DATE: 10/17/2025
SCALE: N/A
SHEET: 3





PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. HORIZONTAL LINE POST (HLP) INSULATOR IS MACLEAN'S H29C10031MDSS016. FABRICATOR SHALL ENSURE SLEEVED HOLES ARE SIZED AND SPACED TO ACCOMMODATE HLP.
C. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
D. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
E. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
F. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE STRUCTURE LOAD TABLES.
G. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
H. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMITTED.
I. ORIENTATION SHOWN IS FOR NEGATIVE LINE ANGLES. FOR STRUCTURES WITH POSITIVE LINE ANGLES, FLIP ORIENTATION ALONG VERTICAL AXIS.
J. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS, OR OTHER POLE FEATURES. STEP CLIPS SHALL START 8' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
K. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11.
L. REFERENCE APPENDIX 3 - UNDERBUILD APPURTENANCES FOR EACH STRUCTURE'S UNDERBUILD ATTACHMENT REQUIREMENTS.

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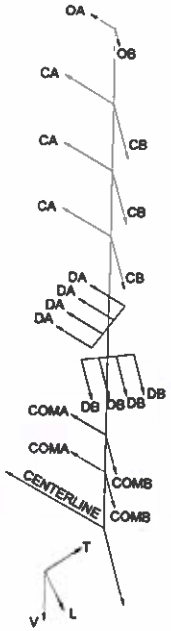
REV	DESCRIPTION	DATE	DRWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
The City of Rochelle's Locally-owned Utility

BHMG
BHMG ENGINEERS INC.
9726 LANDMARK PARKWAY DRIVE, SUITE 1100
ST. LOUIS, MO 63127 (636) 755-1000
WWW.BHMG.COM
ILLINOIS LICENSE NO. 184001284-002

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE T3-SGA-ENG LARGE ANGLE DEADEND ON DRILLED PIER
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-T3-SGA-ENG
DATE	10/17/2025
SCALE	NTS
SHEET	1 OF 2

LOADING DIAGRAMS



STR 33

Terminal Deadend: 33												
Load Case	Description	Wind / Ice / Temp		Loads (Kips)								Load Factor
				OA	OB	CA	CB	DA	DB	COMA	COMB	
1	NESC 250B	40mph / 0.5" / 0°F	V	0.0	0.0	1.0	1.0	0.4	0.3	0.3	0.3	1.0
			T	-0.0	-0.1	-0.0	-7.1	-0.1	-0.1	-1.3	-1.3	1.0
			L	-0.4	0.0	-10.1	10.0	-0.0	0.0	-1.3	-1.3	1.0
2	NESC 250C	50mph / 0" / 60°F	V	0.1	0.1	0.1	0.1	0.1	0.1	-0.1	0.0	1.00
			T	-1.5	-1.5	-0.0	-1.1	-1.0	-1.0	-0.5	-0.5	1.1
			L	-0.2	-1.3	-0.0	10.1	-1.0	-1.0	-0.5	-0.5	1.1
3	NESC 250D	40mph / 0.75" / 15°F	V	0.5	0.5	1.0	1.0	0.4	0.4	0.3	0.4	1.1
			T	-1.1	-1.1	-1.6	-1.0	0.4	0.4	0.3	0.4	1.1
			L	-0.0	0.3	-13.0	13.3	-1.1	-1.1	-1.0	-0.9	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.0	0.7	1.1	1.1	0.5	0.3	0.0	0.0	1.1
			T	-1.0	-1.1	-1.7	-1.4	-1.1	-1.1	-0.7	-0.8	1
			L	-0.1	0.3	-12.1	13.0	-0.0	0.1	-1.1	-1.1	1
5	Uplift	0mph / 0" / -15°F	V	-0.1	-0.1	0.1	0.1	-0.1	-0.1	-0.1	-0.1	1
			T	-1.9	-1.0	-0.3	-0.5	-1.1	-1.0	-0.6	-0.7	1
			L	-0.1	0.0	-10.4	10.3	-0.2	0.0	-1.0	-1.0	1
6	Deflection (Transverse & Vertical)	0mph / 0" / 60°F	V	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	1
			T	-1.0	-0.0	-0.2	-0.3	-0.6	-0.5	-0.5	-0.4	1
			L	-2.0	2.0	-1.2	1.0	-0.0	-0.1	-0.0	-0.0	1
7	Maintenance	0mph / 0" / 60°F	V	0.3	0.4	1.0	1.0	0.3	0.3	0.3	0.2	1
			T	-1.0	-0.0	-2.1	-2.1	-0.6	-0.5	-0.6	-0.6	1
			L	-2.0	2.0	-0.1	0.0	-0.5	0.0	-0.0	-0.0	1
8	Terminal NESC 250B (No Wire Break)	40mph / 0.5" / 0°F	V	0.0	0.5	0.0	1.0	0.4	0.3	-1.3	1.5	1
			T	0.0	-2.1	0.0	-7.0	0.0	0.4	0.0	0.5	1.5
			L	0.0	0.0	0.0	10.1	0.0	1.0	0.0	-1.3	2.5
9	Terminal NESC 250C (No Wire Break)	50mph / 0" / 60°F	V	0.0	0.2	0.0	0.5	0.0	0.3	0.0	-1.1	1.05
			T	0.0	-1.0	0.0	-1.1	0.0	-1.0	0.0	0.2	1.1
			L	0.0	0.2	0.0	10.2	0.0	2.0	0.0	-1.1	2.2
10	Terminal NESC 250D (No Wire Break)	40mph / 0.75" / 15°F	V	0.0	0.1	0.0	1.0	0.0	0.4	0.0	0.0	1.1
			T	0.0	-2.1	0.0	-4.0	0.0	-1.0	0.0	-0.4	1.1
			L	0.0	0.2	0.0	13.3	0.0	4.1	0.0	1.1	4.4
11	Terminal Extreme Ice (No Wire Break)	0mph / 1" / 30°F	V	0.0	0.7	0.0	2.1	0.0	0.5	0.0	0.4	2
			T	0.0	-2.1	0.0	-5.0	0.0	-1.4	0.0	-0.6	2
			L	0.0	0.3	0.0	13.0	0.0	4.1	0.0	1.0	2

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 1.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 3.0 vertical load factor.
The applied vertical load on all attachments and attachments on dead ends shall be no less than 3000 lbs, as required by ORNA.
**Structure deflection shall be limited to 3% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	4800	417	400	300
OB	DNO-13429	5000	516	400	400
CA	T2 397.5 KCMIL "IBIS" ACSR	11000	417	400	400
CB	T2 397.5 KCMIL "IBIS" ACSR	11400	485	400	400
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	194	300	300
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	263	300	300
COMA	ADSS ALCOA	1800	193	300	300
COMB	ADSS ALCOA	2000	256	300	300

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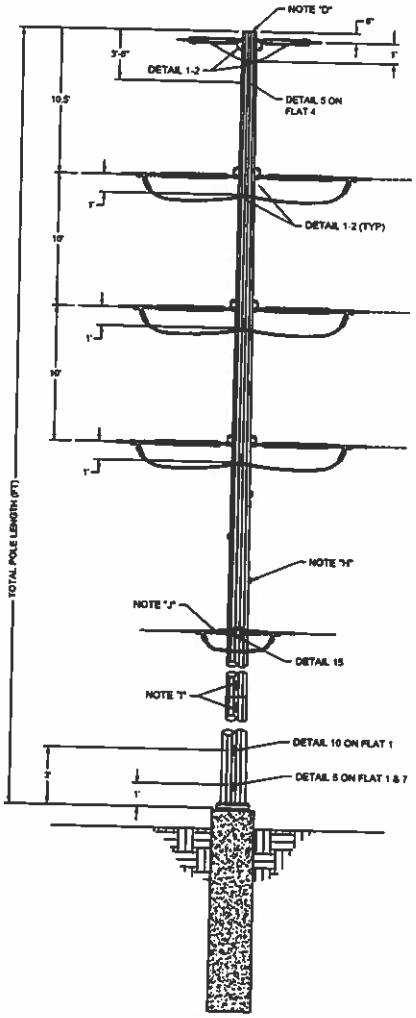
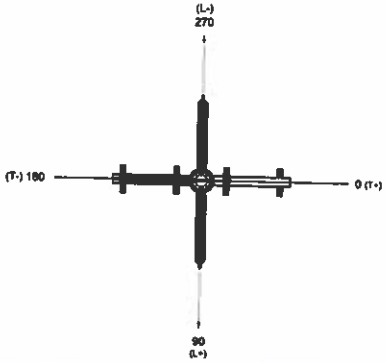
REV #	DESCRIPTION:	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES

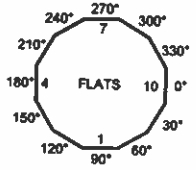
BHMG

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-50A-ENG LARGE ANGLE DEADEND ON DBT LEG PIER
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-TS-50A-ENG
DATE	10/17/2025
SCALE	NTS
SHEET	2 OF 2





PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT
C. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
D. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
E. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE STRUCTURE LOADS TABLE.
F. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
G. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMIT.
H. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS, OR OTHER POLE FEATURES. STEP CLIPS SHALL START 8' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
I. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11
J. REFERENCE APPENDIX 3 - UNDERBUILD APPURTANCES FOR EACH STRUCTURE'S UNDERBUILD ATTACHMENT REQUIREMENTS.
K. OPGW FIBER SPLICE RACKS ARE TO BE PROVIDED AT STR 1 (CP-T). SEE DETAIL 7 ON DRAWING 2200-DETAILS FOR DIMENSION INFORMATION AND SHALL BE ORIENTED ON A FLAT THAT DOES NOT INTERFERE WITH OTHER ATTACHMENTS.
L. DOWNLEAD TABS, PER DETAIL 9 ON DRAWING 2200-DETAILS, SHALL BE PROVIDED EVERY 6' TO 8' FOR STRUCTURES WITH OPGW FIBER SPLICE RACKS AND SHALL BE ORIENTED ON A FLAT THAT DOES NOT INTERFERE WITH OTHER ATTACHMENTS.

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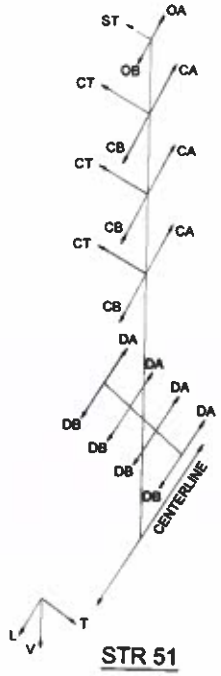
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES

BHMG

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-SDG-MOD-ENG 3-WAY DEADEND TAP W/ MODIFIED SPACING
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-TS-SDG-MOD-ENG
DATE	10/17/2025
SCALE	NTS
SHEET	1 OF 2

LOADING DIAGRAMS



STR 51

Load Case	Description	Wind / Ice / Temp	Loads (lbs)								Load Factor
			OA	OB	ST	CA	CB	CT	DA	DB	
1	NESC 250b	40mph / 0.5" / 0°F	V	0.2	0.3	0.0	0.3	1.0	0.5	0.2	0.4	1.0
			T	0.4	0.3	-0.9	0.3	0.5	-0.9	0.4	0.3	1.0
			L	-1.0	0.1	-0.2	-1.0	20.7	-0.2	-1.0	0.4	1.00
2	NESC 250c	70mph / 0" / 60°F	V	0.7	0.9	0.0	0.7	0.0	0.4	0.2	0.3	1.1
			T	-0.2	0.4	-0.4	0.3	0.5	-0.4	0.2	0.3	1.1
			L	-0.5	0.0	0.1	-0.5	10.4	-0.1	0.2	0.3	1.1
3	NESC 250d	40mph / 0.75" / 15°F	V	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	1.1
			T	0.3	0.0	-0.7	0.3	0.3	-0.7	0.3	0.0	1.1
			L	-0.8	0.1	0.2	-0.8	14.0	-0.2	-0.8	0.3	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	1
			T	0.1	0.1	-0.7	0.1	0.1	-0.7	0.1	0.0	1
			L	-0.6	0.1	0.2	-0.6	10.4	-0.2	-0.6	0.3	1
5	Uplift	0mph / 0" / -10°F	V	-0.5	0.0	-0.3	-0.1	0.0	-0.3	-0.1	-0.1	1
			T	0.1	0.1	-0.6	0.1	0.1	-0.5	-0.1	0.0	1
			L	-0.3	-0.3	0.1	-0.4	11.2	-0.1	-0.3	0.1	1
6	Deflection (Wind and E. Swing)	0mph / 0" / 60°F	V	0.3	0.2	0.0	0.2	0.1	0.1	0.1	0.1	1
			T	0.1	0.3	-0.3	0.1	0.1	-0.3	0.1	0.1	1
			L	-0.3	0.1	0.1	-0.3	7.5	-0.1	-0.2	0.2	1
7	Maintenance	0mph / 0" / 30°F	V	0.2	0.0	0.2	0.2	0.1	0.2	0.1	0.1	1
			T	0.1	0.2	-0.2	0.1	0.1	-0.2	0.1	0.1	1
			L	-0.3	0.1	0.1	-0.3	7.5	-0.1	-0.2	0.2	1
8	Tornado NESC 250d (No Wire Break)	40mph / 0.5" / 0°F	V	0.8	0.0	0.3	0.8	0.1	0.3	0.3	0.1	1.0
			T	0.8	0.0	-0.3	0.8	0.4	-0.3	0.3	0.1	1.0
			L	0.8	0.1	-0.2	0.8	20.7	-0.2	0.8	0.3	1.0
9	Tornado NESC 250d (No Wire Break)	0mph / 0" / 60°F	V	0.3	0.0	0.3	0.3	0.1	0.3	0.3	0.1	1.0
			T	0.3	0.0	-0.4	0.3	0.3	-0.4	0.3	0.1	1.0
			L	0.3	0.1	-0.2	0.3	10.4	-0.2	0.3	0.3	1.0
10	Tornado NESC 250d (No Wire Break)	40mph / 0.75" / 15°F	V	0.5	0.5	0.4	0.5	0.5	0.4	0.4	0.3	1.0
			T	0.0	0.4	-0.7	0.5	0.3	-0.7	0.0	0.3	1.0
			L	0.0	0.0	0.2	0.0	14.0	-0.2	0.0	0.3	1.0
11	Tornado Extreme Ice (No Wire Break)	0mph / 1" / 30°F	V	0.0	0.2	-0.7	0.0	0.1	-0.8	0.0	0.0	1
			T	0.0	0.2	0.1	0.0	10.4	-0.2	0.0	0.3	1

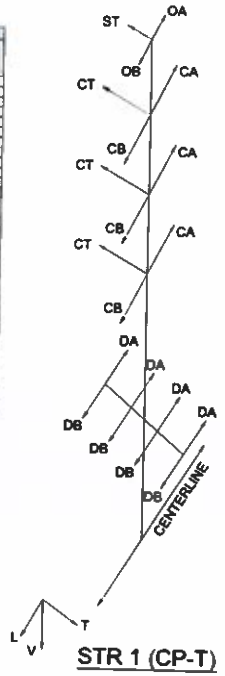
*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 2.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 2.0 vertical load factor.
The applied vertical load on all attachments and attachments on dead ends shall be no less than 2000 lbs, as required by ORM.
**Structure deflection shall be limited to 3% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	500	50	200	200
OB	DNO-13429	5000	445	300	600
ST	7 # 9 ALUMOWELD	500	40	200	600
CA	T2 397.5 KCMIL "IBIS" ACSR	500	50	200	200
CB	T2 397.5 KCMIL "IBIS" ACSR	11400	445	300	400
CT	T2 397.5 KCMIL "IBIS" ACSR	500	43	200	300
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	500	50	200	200
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	232	300	300

Load Case	Description	Wind / Ice / Temp	Loads (lbs)								Load Factor
			OA	OB	ST	CA	CB	CT	DA	DB	
1	NESC 250b	40mph / 0.5" / 0°F	V	0.6	0.2	0.4	1.3	0.2	0.6	0.4	0.2	1.0
			T	0.5	-0.2	-0.9	0.6	0.2	-0.9	0.4	0.2	1.0
			L	-0.2	1.0	0.2	-30.2	0.3	-0.3	-0.2	1.0	1.00
2	NESC 250c	70mph / 0" / 60°F	V	0.3	0.3	0.3	0.6	0.2	0.4	0.2	0.1	1.1
			T	0.0	-0.2	-0.4	0.1	0.2	-0.6	0.1	0.1	1.1
			L	-0.5	0.8	0.3	-10.6	0.0	-0.3	-0.5	0.3	1.1
3	NESC 250d	40mph / 0.75" / 15°F	V	0.6	0.2	0.4	1.1	0.2	0.5	0.4	0.2	1.1
			T	0.4	-0.2	-0.7	0.4	0.2	-0.7	0.3	0.2	1.1
			L	-0.4	0.7	0.2	-14.1	0.0	-0.2	-0.3	0.3	1.1
4	Extreme Ice	0mph / 1" / 30°F	V	0.9	0.3	0.5	1.7	0.3	0.8	0.5	0.3	1.1
			T	0.2	-0.3	-0.7	0.2	0.3	0.0	0.15	0.3	1
			L	-0.5	0.2	0.1	-10.4	0.0	-0.2	-0.3	0.2	1
5	Uplift	0mph / 0" / -10°F	V	0.0	-0.1	-0.1	0.3	-0.1	-0.1	-0.1	-0.1	1
			T	0.2	-0.2	-0.9	-0.1	-0.1	-0.4	-0.1	-0.1	1
			L	-0.2	0.5	0.1	-10.8	0.0	-0.2	-0.2	0.2	1
6	Deflection (Wind and E. Swing)	0mph / 0" / 60°F	V	0.1	0.2	0.3	0.5	0.2	0.1	0.0	0.0	1
			T	0.2	-0.1	-0.2	-0.2	-0.1	-0.3	0.2	0.1	1
			L	-0.2	0.3	0.1	-0.8	0.0	-0.2	-0.2	0.2	1
7	Maintenance	0mph / 0" / 30°F	V	0.5	0.3	0.3	1.3	0.3	0.5	0.3	0.2	1
			T	0.1	-0.1	-0.1	-0.2	-0.1	-0.3	0.2	0.1	1
			L	-0.2	0.3	0.1	-0.8	0.0	-0.2	-0.2	0.2	1
8	Tornado NESC 250b (No Wire Break)	40mph / 0.5" / 0°F	V	0.6	0.0	0.0	1.3	0.0	0.6	0.4	0.0	1.0
			T	0.5	0.0	-0.9	0.6	0.0	-0.9	0.4	0.0	1.0
			L	-0.2	0.0	0.2	-30.2	0.2	-0.3	-0.2	0.0	1.00
9	Tornado NESC 250c (No Wire Break)	0mph / 0" / 60°F	V	0.3	0.0	0.3	0.6	0.2	0.4	0.2	0.0	1.1
			T	0.0	0.0	-0.4	0.1	0.2	-0.6	0.1	0.0	1.1
			L	-0.5	0.0	0.3	-10.6	0.0	-0.3	-0.5	0.0	1.1
10	Tornado NESC 250d (No Wire Break)	40mph / 0.75" / 15°F	V	0.6	0.0	0.4	1.1	0.2	0.5	0.4	0.0	1.1
			T	0.4	0.0	-0.7	0.4	0.2	-0.7	0.3	0.0	1.1
			L	-0.4	0.0	0.2	-14.1	0.0	-0.2	-0.3	0.0	1.1
11	Tornado Extreme Ice (No Wire Break)	0mph / 1" / 30°F	V	0.9	0.0	0.5	1.7	0.3	0.8	0.5	0.0	1.1
			T	0.2	0.0	-0.7	0.2	0.3	0.0	0.15	0.0	1
			L	-0.5	0.0	0.1	-10.4	0.0	-0.2	-0.3	0.0	1

*The maintenance vertical load shall be applied to one wire position using a vertical load factor of 2.0 while all other wire positions use a vertical load factor of 1.0. Each wire position shall be checked with the 2.0 vertical load factor.
The applied vertical load on all attachments and attachments on dead ends shall be no less than 2000 lbs, as required by ORM.
**Structure deflection shall be limited to 3% of the pole height under the deflection load case and 10% under all other load cases.

Wire Symbol	Wire Type	NESC HV Tension (lbs)	Ruling Span (ft)	Wind Span (ft)	Weight Span (ft)
OA	DNO-13429	5000	493	400	500
OB	DNO-13429	500	49	200	200
ST	7 # 9 ALUMOWELD	500	40	200	600
CA	T2 397.5 KCMIL "IBIS" ACSR	11400	493	400	500
CB	T2 397.5 KCMIL "IBIS" ACSR	500	49	200	200
CT	T2 397.5 KCMIL "IBIS" ACSR	500	43	200	300
DA	336.4 KCMIL 18/1 "MERLIN" ACSR	3400	238	300	400
DB	336.4 KCMIL 18/1 "MERLIN" ACSR	500	50	200	200



STR 1 (CP-T)

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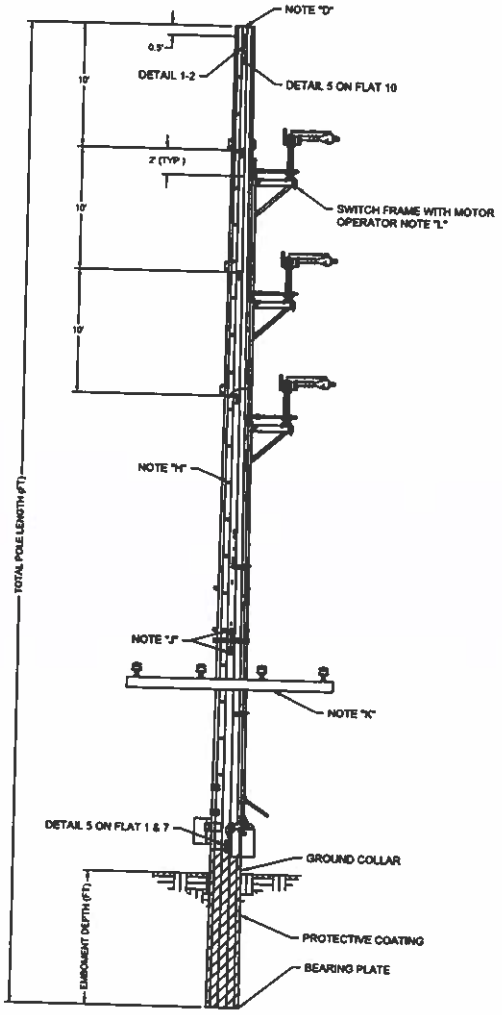
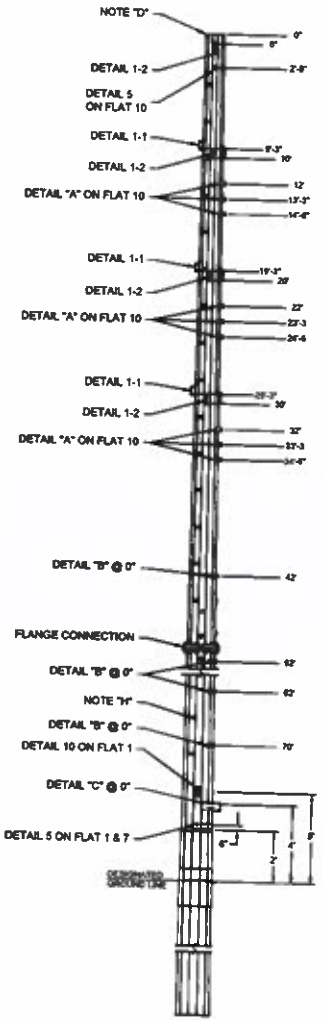
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
The City of Rochelle's two officownedUtilities

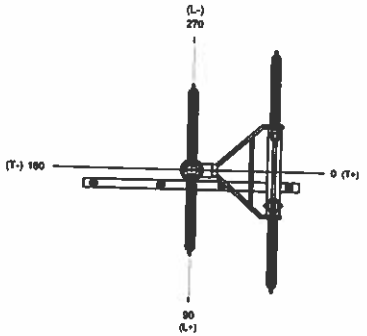
BHMG
BHMG ENGINEERS INC.
9735 LANDMARK PARKWAY DRIVE, SUITE 110A
ST LOUIS, MO. 63127 (636) 391-4949
WWW.BHMG.COM
ILLINOIS LICENSE NO. 184001280-002

TITLE	ROCHELLE MUNICIPAL UTILITIES RITCHIE TO CENTERPOINT 34.5kV LINE TS-SOG-MOD-ENG 3-WAY DEADEND TAP W/ MODIFIED SPACING
DRAWN	KMW
APPROVED	RMA
DRAWING #	2200-TS-SOG-MOD-ENG
DATE	10/17/2025
SCALE	NTS
SHEET	2 OF 2

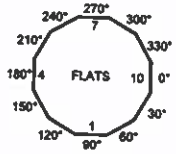




PROFILE VIEW
(LOOKING AT 90° FLAT)



PLAN



GENERAL NOTES:

A. STRUCTURE POLE CLASS, LENGTH, AND EMBEDMENT DEPTH ARE SPECIFIED IN STRUCTURE TABLE PROVIDED WITH RFQ.
B. POLE FABRICATOR TO PROVIDE ALL BOLTS, NUTS, WASHERS, AND OTHER MOUNTING EQUIPMENT.
C. STRUCTURE DETAILS LOCATED ON DRAWING 2200-DETAILS.
D. THE POLE TOP SHALL BE COVERED WITH A PERMANENTLY ATTACHED 3/16" STEEL PLATE POLE CAP. THE POLE SHALL BE DELIVERED WITH THE POLE CAP ATTACHED IN PLACE.
E. ALL VANGS AND ATTACHMENTS SUPPORTING CONDUCTOR OR SHIELD WIRE CONNECTIONS SHALL HAVE THICKNESS DETERMINED TO ACCOMMODATE THE LOADS SPECIFIED IN THE POLE DATA SUMMARY TABLE.
F. FOR ALL MULTISIDED SECTIONS, A FLAT SHOULD BE ON THE 0-180° AXIS.
G. ALL CONNECTIONS FOR ERECTION AND ASSEMBLY SHALL BE BOLTED TYPE, I.E. NO FIELD WELDING PERMITTED.
H. STEP CLIPS SHALL BE INSTALLED AT 1'-6" STAGGERED SPACING AND SHALL BE ORIENTED TO PROVIDE THE CLIMBER WITH THE GREATEST DISTANCE FROM CIRCUIT WIRES. STEP CLIPS SHALL NOT INTERFERE WITH ANY APPURTENANCES, INSULATOR MOUNTING BRACKETS, SLIP JOINTS OR OTHER POLE FEATURES. STEP CLIPS SHALL START 8' ABOVE GROUND LINE AND STOP 2' BELOW TOP OF POLE.
I. STRUCTURE TO BE DESIGNED WITH BOLTED FLANGE CONNECTIONS.
J. GROUNDING CONNECTIONS SHALL BE INSTALLED AT POLE JOINTS. REFERENCE DETAIL 11
K. REFERENCE APPENDIX 3 - UNDERBUILD APPURTENANCES FOR EACH STRUCTURE'S UNDERBUILD ATTACHMENT REQUIREMENTS.
L. SWITCH FRAME IS A SEECO 1GL069203N WITH S.U.M.O. DEVICE TO BE MOUNTED ON BRACKET.

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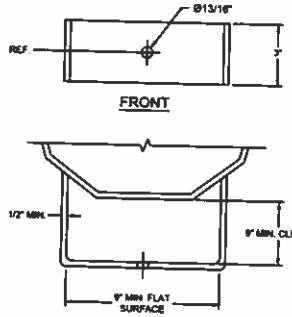
REV #	DESCRIPTION:	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2023	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES

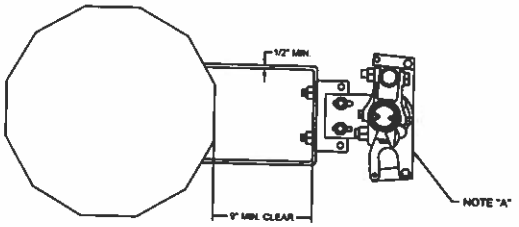
BHMG

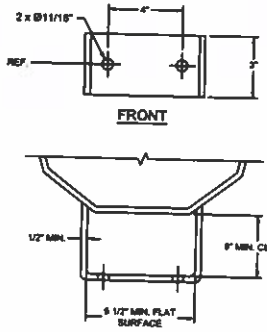
TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TM-3V-VERT-STL
VERTICAL 69kV SWITCH

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2300-TM-3V-VERT-STL
DATE: 10/17/2023
SCALE: NTS
SHEET: 1 OF 3

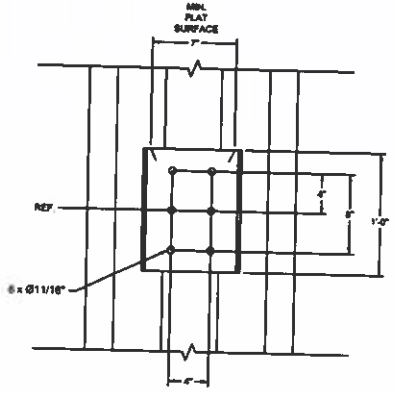


DETAIL "A"
SWITCH MOUNTING BRACKET





DETAIL "B"
PIPE GUIDE MOUNTING BRACKET



DETAIL "C"
OPERATOR MOUNTING BRACKET

GENERAL NOTES:

A. DEVICE SHOWN IS A SWING HANDLE. THE SWITCH ASSEMBLY ON ORDER WILL BE OPERATED BY A S.U.M.O. DEVICE.

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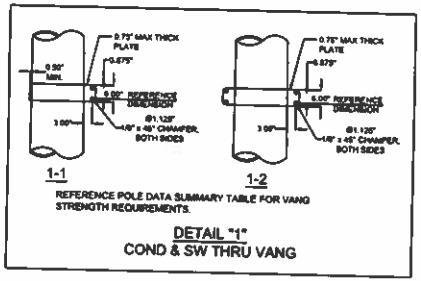
REV #	DESCRIPTION	DATE	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
(The City of Rochelle's Municipally-owned Utility)

BHMG
BHMG ENGINEERS INC.
6735 LACLEDE'S LANDING PARKWAY DRIVE, SUITE 100A
ST. LOUIS, MO. 63136 (888) 750-4555
WWW.BHMG.COM
ILLINOIS LICENSE NO. 184004395-002

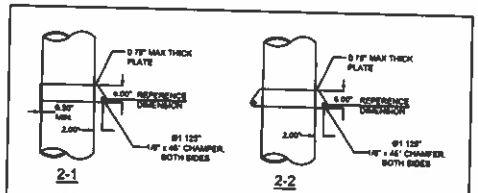
TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
TM-3V-VERT-STL
VERTICAL 69kV SWITCH

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2260-TM-3V-VERT-STL
DATE: 10/17/2025
SCALE: NTS
SHEET: 2 OF 3



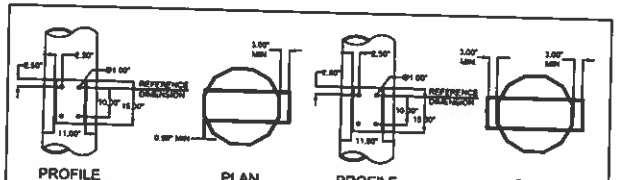
REFERENCE POLE DATA SUMMARY TABLE FOR VANG STRENGTH REQUIREMENTS.

DETAIL "1"
COND & SW THRU VANG

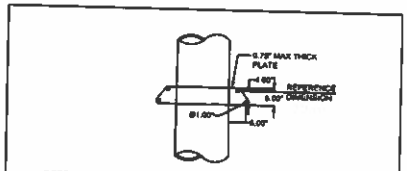


REFERENCE POLE DATA SUMMARY TABLE FOR VANG STRENGTH REQUIREMENTS.

DETAIL "2"
BRACED LINE POST TOP SUPPORT VANG

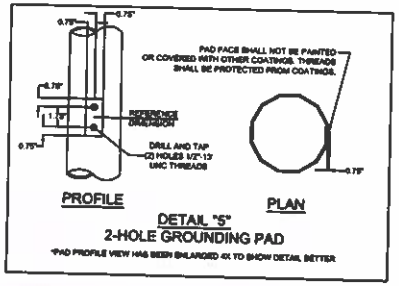


DETAIL "3"
FLAT BASE POST INSULATOR MOUNTING PLATE



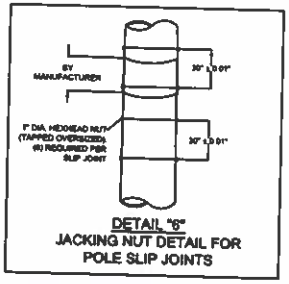
REFERENCE POLE DATA SUMMARY TABLE FOR VANG STRENGTH REQUIREMENTS

DETAIL "4"
SW SUSPENSION THRU VANG

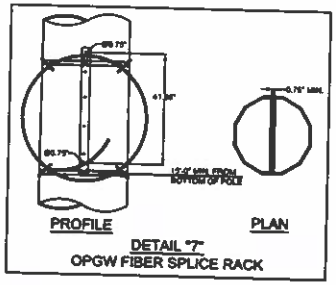


DETAIL "5"
2-HOLE GROUNDING PAD

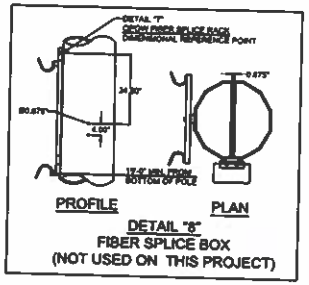
*PAD PROFILE VIEW HAS BEEN ENLARGED 4X TO SHOW DETAIL BETTER



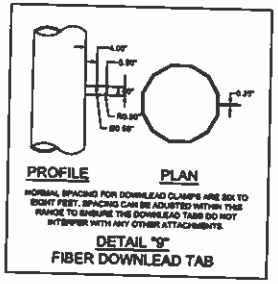
DETAIL "6"
JACKING NUT DETAIL FOR POLE SLIP JOINTS



DETAIL "7"
OPGW FIBER SPLICE RACK

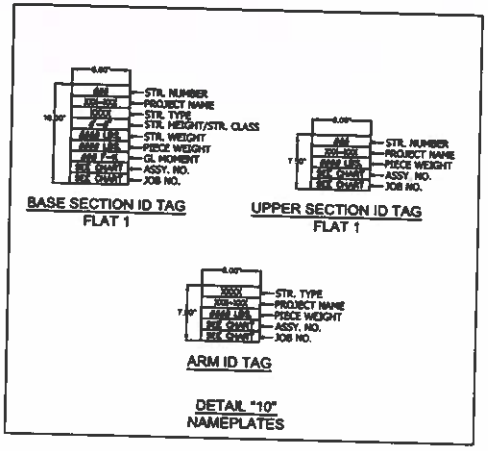


DETAIL "8"
FIBER SPLICE BOX
(NOT USED ON THIS PROJECT)

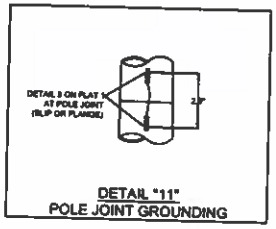


NORMAL SPACING FOR DOWNLEAD CLAMPS ARE SIX TO EIGHT FEET. SPACING CAN BE ADJUSTED WITHIN THIS RANGE TO ENSURE THE DOWNLEAD TABS DO NOT INTERFERE WITH ANY OTHER ATTACHMENTS.

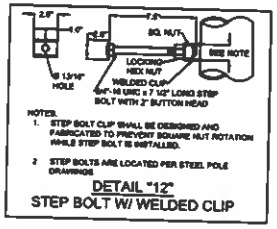
DETAIL "9"
FIBER DOWNLEAD TAB



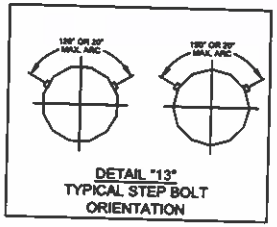
DETAIL "10"
NAMEPLATES



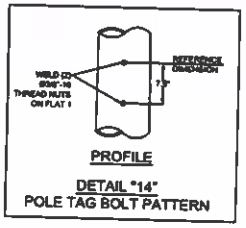
DETAIL "11"
POLE JOINT GROUNDING



DETAIL "12"
STEP BOLT W/ WELDED CLIP



DETAIL "13"
TYPICAL STEP BOLT ORIENTATION



DETAIL "14"
POLE TAG BOLT PATTERN

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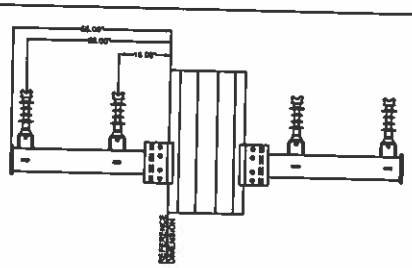
REV #	DESCRIPTION	DATE:	DWN	CKD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle Municipal Utilities
The City of Rochelle's Electric Owned Utility

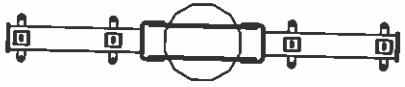
BHMG

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
STEEL DETAILS

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2208-DETAILS
DATE: 10/17/2025
SCALE: N/A
SHEET: 1

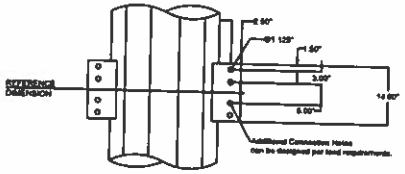


PROFILE

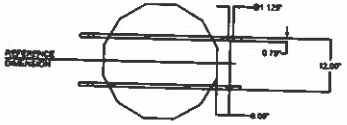


PLAN

15-1
FABRICATED STEEL ARM ASSEMBLY

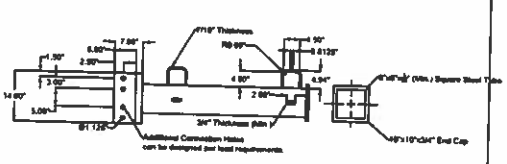


PROFILE

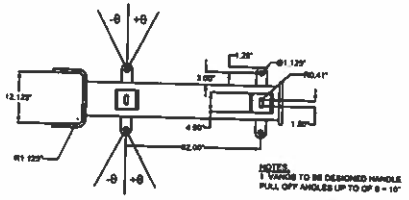


PLAN

15-2
STEEL ARM THRU VANG



PROFILE



PLAN

15-3
FABRICATED STEEL ARMS

DETAIL "15"
FABRICATED STEEL ARM DETAIL FOR UNDERBUILD DEADENDS

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REV #	DESCRIPTION	DATE	DWN	CHD	APPR
0	ISSUED FOR PROCUREMENT	10/17/2025	KMW	AT	RMA

Rochelle MUNICIPAL UTILITIES
The City of Rochelle's locally-owned Utility

BHMG

TITLE: ROCHELLE MUNICIPAL UTILITIES
RITCHIE TO CENTERPOINT 34.5kV LINE
STEEL DETAILS

DRAWN: KMW
APPROVED: RMA
DRAWING #: 2200-DETAILS
DATE: 10/17/2025
SCALE: NA
SHEET: 2 OF 2

MacLean™ POWER SYSTEMS

7801 Park Place Rd.
York, SC 29745 USA
(803) 628-2100

Braced Post Insulator Assembly

B2901054B11074AX

Item # CAT #	Qty.
1) H2 90 10 044 AX SS 017	[1]
2) S1 90 90 062 VX SS 016	[1]
3) Shackle (ASH-55-BC)	[2]

ASSEMBLY DIMENSIONAL VALUES

Post Section Length (PSL)	54.3 in	1,379 mm
Suspension Section Length (SSL)	75.3 in	1,913 mm
Height of Assembly (H1)	74.0 in	1,880 mm
Connection Height (H2)	67.9 in	1,723 mm
Length of Brace (B)	80.2 in	2,037 mm
Upper Pole Connection Offset (A)*	2.0 in	51 mm
Angle Between Insulators (C)		62 Degrees
Dry Arc Distance	45.0 in	1,143 mm
Leakage Distance	120.5 in	3,061 mm

*Connection bracket to be supplied by customer (if applicable)

ASSEMBLY ELECTRICAL VALUES*

60 Hz Dry F.O. (Min. Withstand)	429 kV	(402) kV
60 Hz Wet F.O. (Min. Withstand)	397 kV	(313) kV
CIFO+ (Min. Withstand)	741 kV	(661) kV
CIFO- (Min. Withstand)	808 kV	(700) kV

*Values shown are based on minimum electicals for the assembly

ASSEMBLY MECHANICAL VALUES

Maximum Working Vertical Load	11,283 lbs	50.2 kN
Longitudinal Stiffness	2,176 lbs/ft	2,950 N•m

Created On: 6/4/2024 Created By: ESH Revision: B

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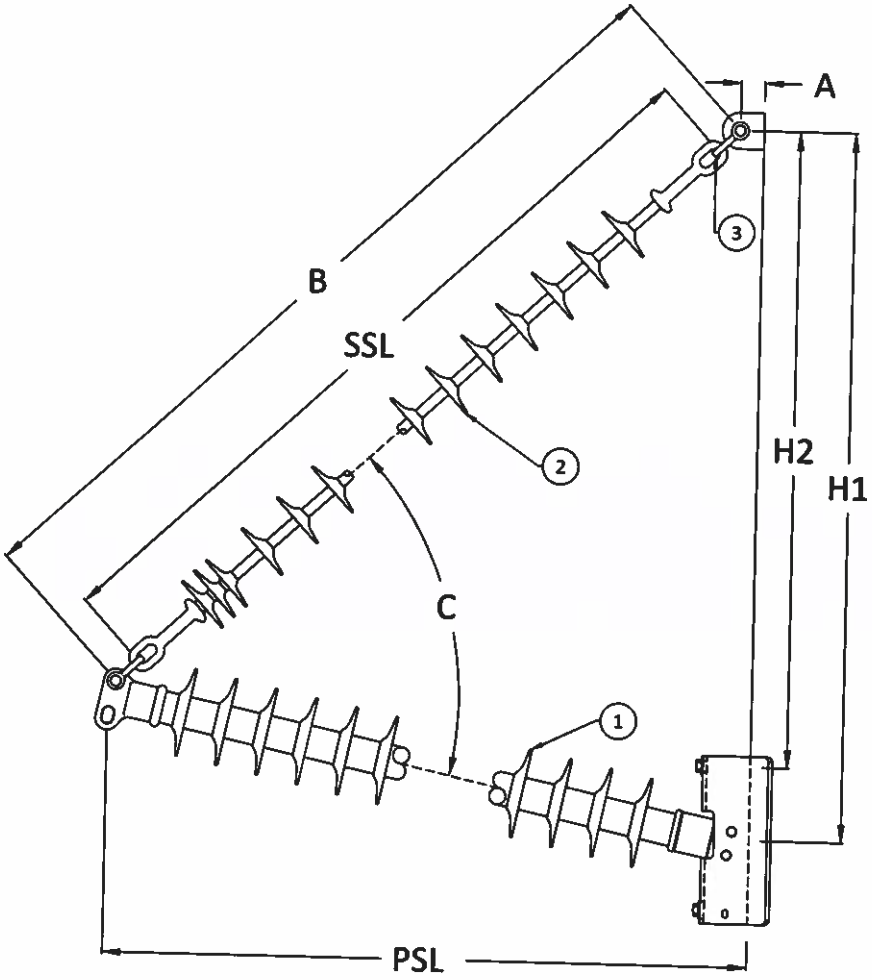

Note: Braced post image not to scale

MacLean™ POWER SYSTEMS

7801 Park Place Rd.
York, SC 29745 USA
(803) 628-2100

MPS Catalog Number: **H2 90 10 044 AX SS 017**
Date: 03/31/2021

End Fittings

Tower End Fitting:	Gain / 12 deg / Steel
Line End Fitting:	Anchor / Ductile Iron 2 HL Drop Tongue / Galv. Ductile Iron

Material

Corona Ring (Tower):	None
Corona Ring (Line):	None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:	12 deg
Number of Sheds:	17
Rod Diameter:	2.5 in
Weight Estimate:	69.1 lbs / 31 kg

Dimensional Values

Section Length (L):	54.3 in	1,379 mm
Rubber Length (X):	44 in	1,118 mm
Shed spacing (S):	2.5 in	64 mm
Shed Projection (P):	2.4 in	61 mm
Dry Arc Distance:	46.9 in	1,191 mm
Leakage Distance:	120.5 in	3,061 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):	446 kV	418 kV
60 Hz Wet Flashover (Min. Withstand):	413 kV	326 kV
CIFO Positive (Min. Withstand):	771 kV	687 kV
CIFO Negative (Min. Withstand):	832 kV	727 kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,624 lbs	7.2 kN
Specified Cant. Load (SCL):	3,248 lbs	14.4 kN
Specified Tensile Load (STL):	15,000 lbs	66.7 kN

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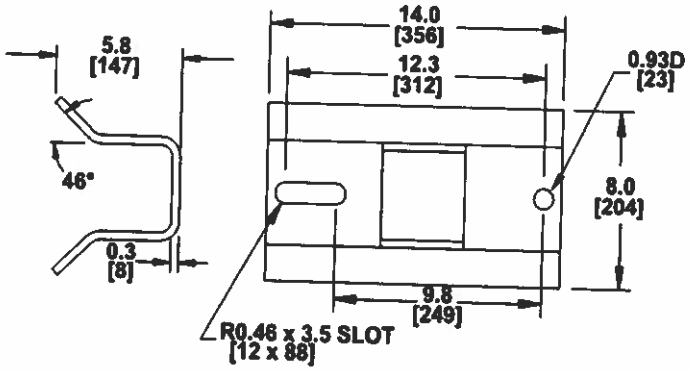
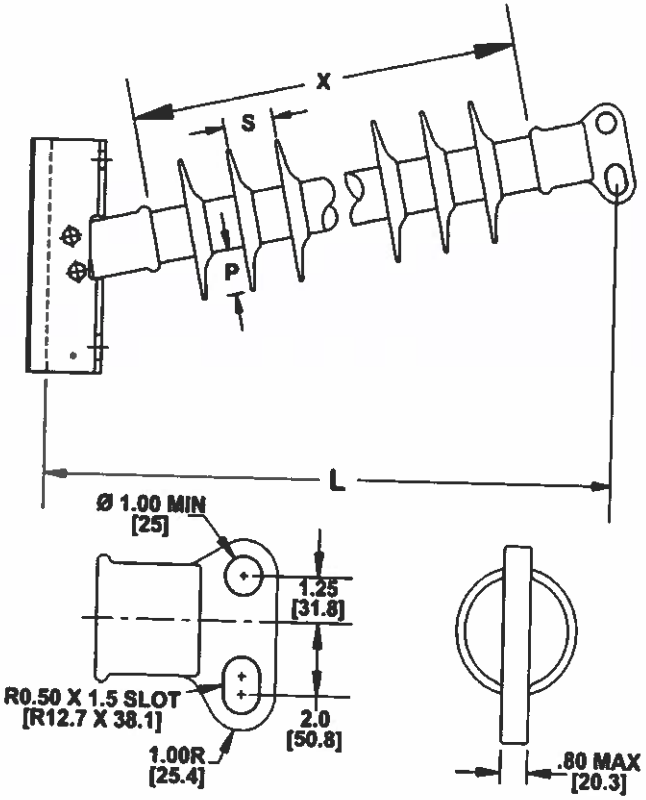
Notes:





Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Prepared By: Dylan Huegel

MacLean™
POWER SYSTEMS

7801 Park Place Rd.
York, SC 29745 USA
(803) 628-2100

MPS Catalog Number: **S1 90 90 062 VX SS 016**
Date: 04/14/2021

End Fittings

Tower End Fitting:	Eye
Line End Fitting:	Eye

Material

Corona Ring (Tower):	None
Corona Ring (Line):	None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:		16 Standard
Rod Diameter:		16 mm
Weight Estimate:	10.9 lbs	5 kg

Dimensional Values

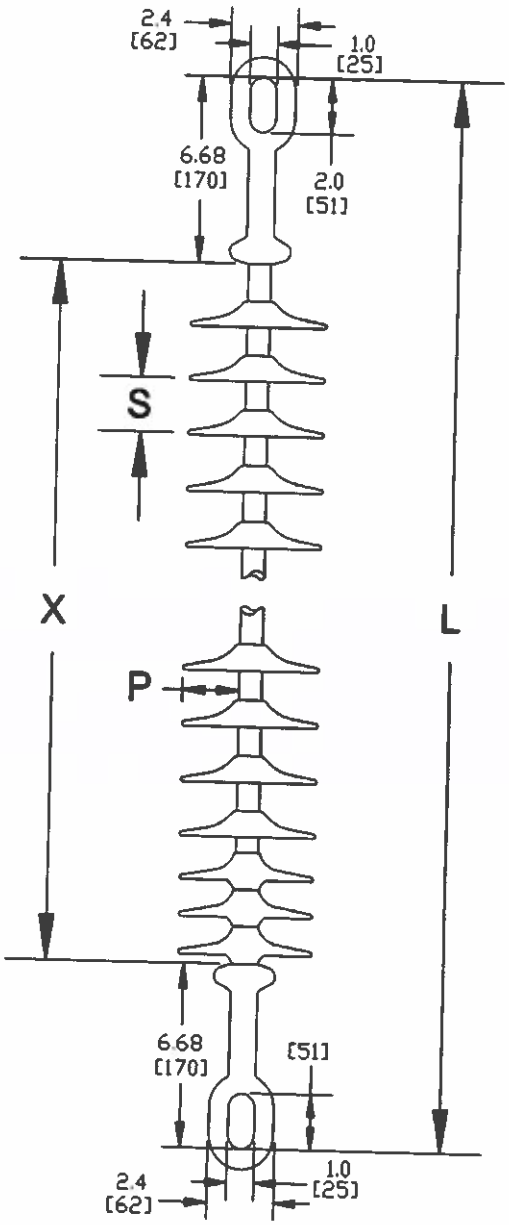
Section Length (L):	75.4 in	1,915 mm
Rubber Length (X):	62 in	1,575 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	4.59 in	117 mm
Dry Arc Distance:	65.4 in	1,661 mm
Leakage Distance:	122.8 in	3,119 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):	637 kV	582 kV
60 Hz Wet Flashover (Min. Withstand):	558 kV	485 kV
CIFO Positive (Min. Withstand):	1074 kV	946 kV
CIFO Negative (Min. Withstand):	1129 kV	1000 kV

Mechanical Values

Specified Mech. Load (SML):	25,000 lbs	111.2 kN
Routine Test Load (RTL):	12,500 lbs	55.6 kN



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

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Notes:

Prepared By: Hunter Seabolt

MacLean™ POWER SYSTEMS

7801 Park Place Rd.
York, SC 29745 USA
(803) 628-2100

MPS Catalog Number: **S1 40 80 038 MX SS 019**

Date: 11/07/2023

End Fittings

Tower End Fitting:	Y-Clevis
Line End Fitting:	Ball (ANSI 52-5)

Material

Corona Ring (Tower):	None
Corona Ring (Line):	None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:	19 Standard
Rod Diameter:	16 mm

Dimensional Values

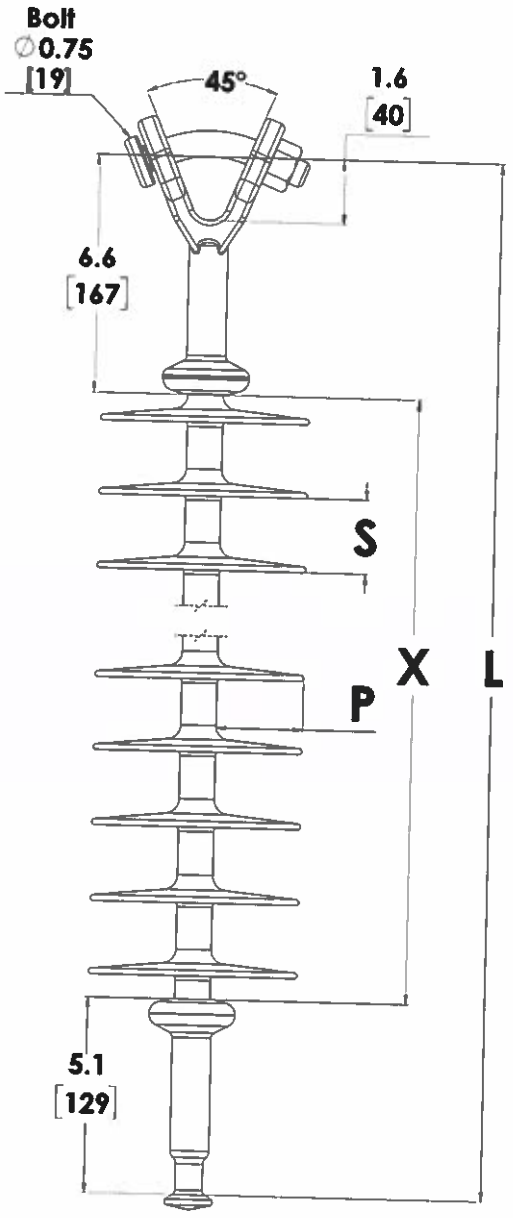
Section Length (L):	49.9 in	1,267 mm
Rubber Length (X):	38.3 in	973 mm
Standard Shed Height (P):	2.32 in	59 mm
Shed Spacing (S):	2 in	51 mm
Dry Arc Distance:	40.7 in	1,034 mm
Leakage Distance:	119 in	3,023 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):	402 kV	(373) kV
60 Hz Wet Flashover (Min. Withstand):	362 kV	(315) kV
CIFO Positive (Min. Withstand):	693 kV	(599) kV
CIFO Negative (Min. Withstand):	737 kV	(645) kV

Mechanical Values

Specified Mech. Load (SML):	25,000 lbs	111.2 kN
Routine Test Load (RTL):	12,500 lbs	55.6 kN



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

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Notes:

Prepared By: Evan Huber

MacLean™ POWER SYSTEMS

7801 Park Place Rd.
York, SC 29745 USA
(803) 628-2100

MPS Catalog Number **H2 9C 10 031 MX SS 016**

Date 7/14/2014

End Fittings

Tower End Fitting:	Gain / 12 deg / Ductile Iron 5" Bolt Circle / Galv. Ductile Iron
Line End Fitting	2 HL Drop Tongue / Galv. Ductile Iron

Material

Corona Ring (Line)		None
Corona Rings are recommended for applications of 230 kV and above		
Mounting Angle		12
Number of Sheds		16
Rod Diameter		2.5 in
Weight Estimate	50.4 lbs	23 kg

Dimensional Values

Section Length (L):	41.9 in	1065 mm
Rubber Length (X):	31 in	
Shed spacing (S):	2.0 in	50 mm
Shed Projection (P):	1.6 in	41 mm
Dry Arc Distance	33.4 in	848 mm
Leakage Distance	85.0 in	2158 mm

Electricals Values

60 Hz dry Flashover	325 kV	Min. Withstand	305 kV
60 Hz Wet Flashover	300 kV	Min. Withstand	233 kV
Pos. Critical Impulse Flashover	557 kV	Min. Withstand	498 kV
Neg. Critical Impulse Flashover	649 kV	Min. Withstand	534 kV

Mechanical Values

Max. Design Cant. Load (MDCL)	2,328 lbs	10.4 kN
Specified Cant. Load (SCL)	4,656 lbs	20.7 kN
Specified Tensile Load (STL)	15,000 lbs	66.7 kN

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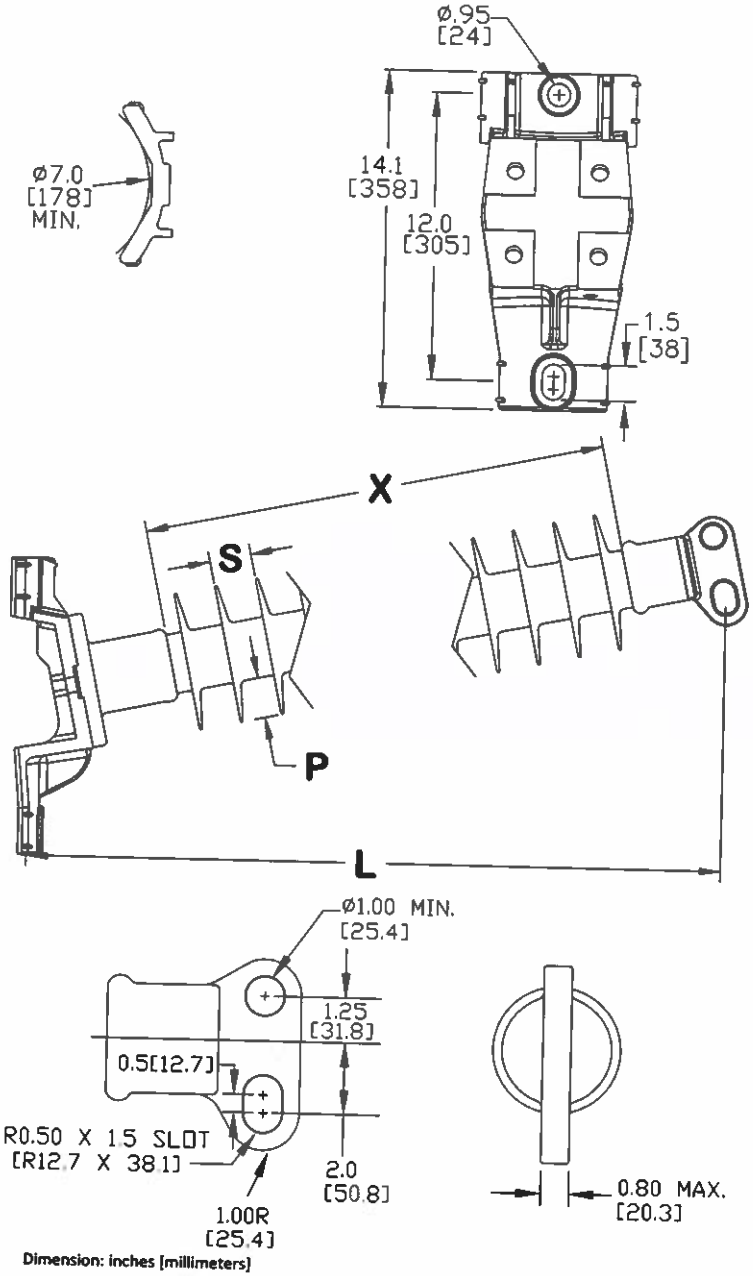


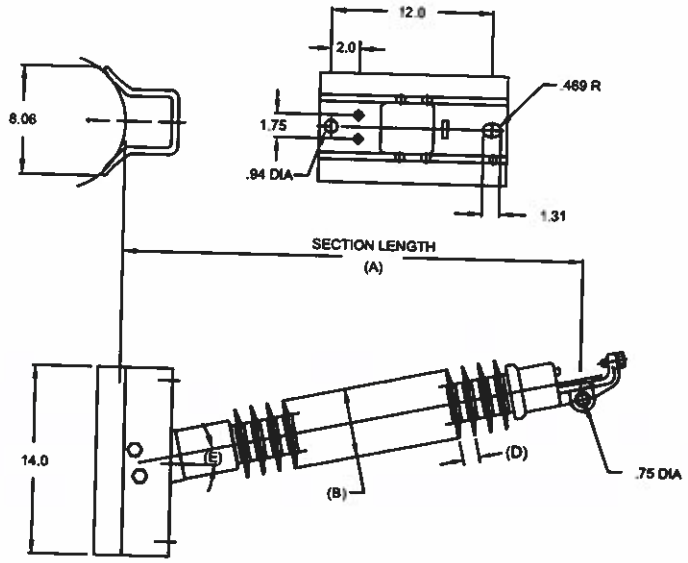
Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds. Complies with applicable ANSI and IEC standards.

OHIO BRASS QUADRI*SIL LINE POST INSULATOR

CAT NO.: P250043S1020		
REV:	01	June 6, 2023



HUBBELL POWER SYSTEMS INC.
CUSTOMER SERVICE: (573) 682-5521
www.hubbellpowersystems.com

MECHANICAL VALUES	LBS	KN
MAX DESIGN CANTILEVER LOAD (RCL)	1600	7.1
SPECIFIED CANTILEVER LOAD (SCL)	3200	14.2

ELECTRICAL VALUES	KV	
60 HZ DRY FLASHOVER (DRY WITHSTAND)	455	-
60 HZ WET FLASHOVER (WET WITHSTAND)	405	(300)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	700	(630)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	800	(720)
RIV AT 115% SYSTEM VOLTAGE	<100 µV	

DIMENSIONAL VALUES	IN.	MM
SECTION LENGTH (A)	56.6	1438
MAJOR SHED DIAMETER (B)	5.06	128.5
MINOR SHED DIAMETER (C)	-	-
SHED SPACING (D)	1.21	30.7
DRY ARC DISTANCE	44	1118
AVG. SHEATH THICKNESS	>0.118	>3
LEAKAGE DISTANCE	113	2870
CORE ROD DIAMETER	2.50	63.5

END FITTINGS AND MATERIALS	
TOWER END	Gain - Al - 12in CL - 7/8 Bolts
LINE END	HORIZONTAL CLAMPTOP CAP / GALV STEEL

OTHER DETAILS		
CORONA RING (TOWER)	NONE	
CORONA RING (LINE)		
TORQUE REQUIREMENTS	N/A	
MOUNTING ANGLE (E)	12 DEG	
NUMBER OF SHEDS	36	
WEIGHT	54 lbs.	24 kg.

NOTES:
1. SILICONE RUBBER SHEATH AND SHEDS. WASHABLE PER IEEE P957
2. ELECTRICAL VALUES PER ANSI C29.11 (IEC 61952 IEC 62217)

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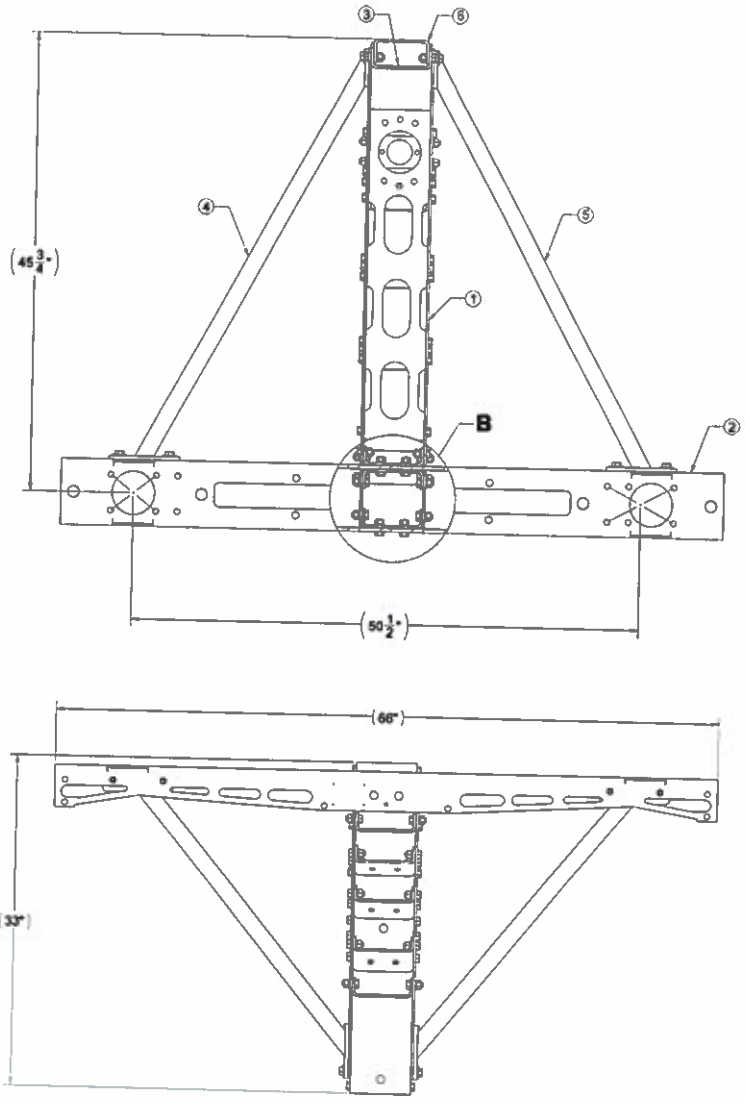
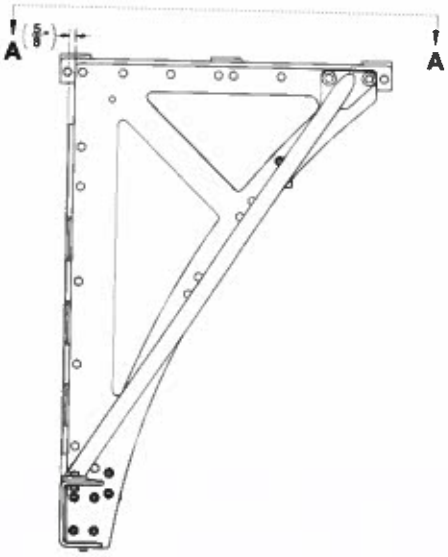
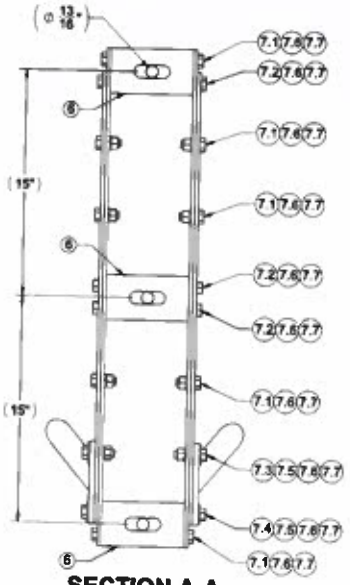
(Switch Frame Only - Part of 1GL069203SN drawing)



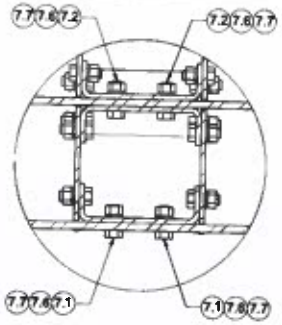




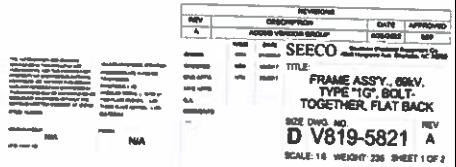
SECTION A-A

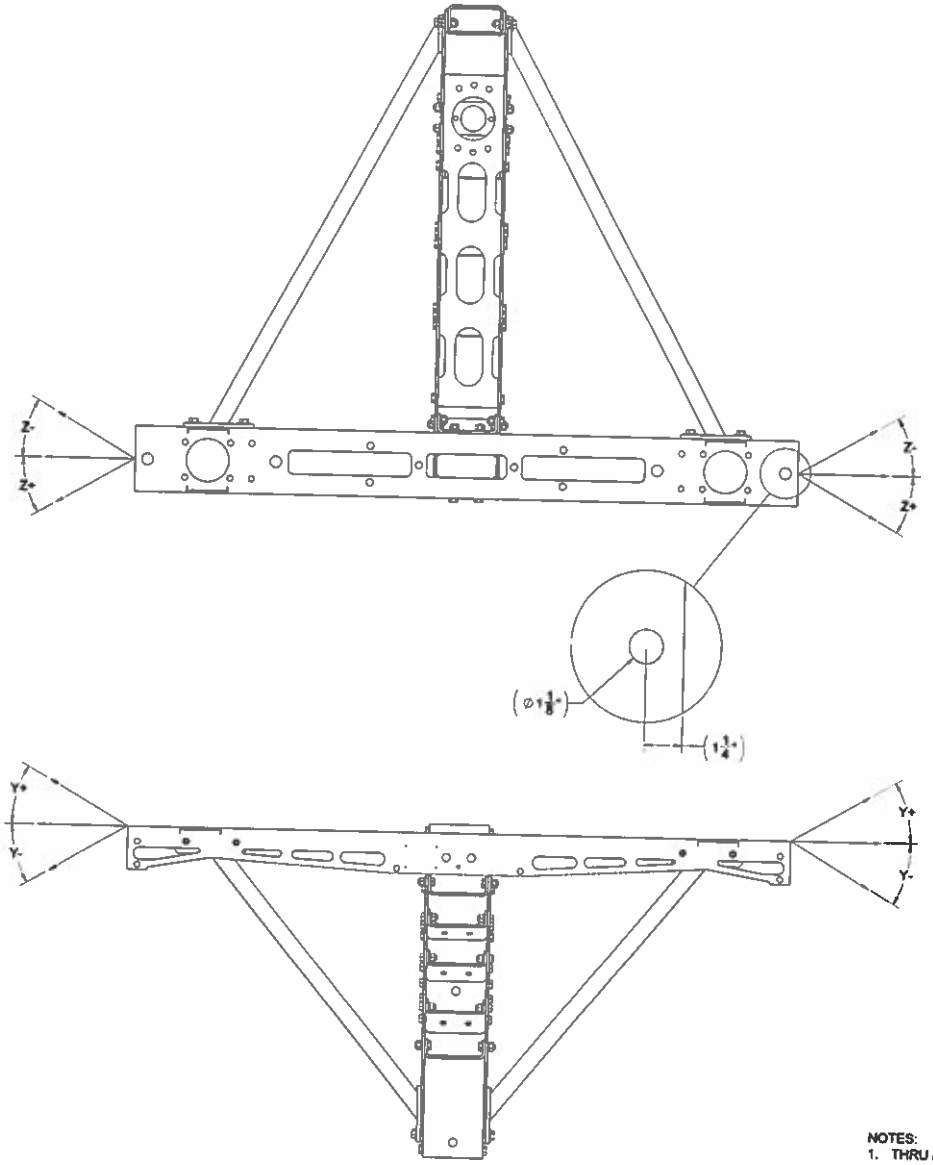
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	V819-5823	1	CENTER SECTION, 69kV & BELOW, 1-WAY, BOLT-TOGETHER
2	W819-5824	1	PHASE MOUNTING PLATFORM, 69kV, 1-WAY
3	W819-5825	1	BACK CHANNEL, 69kV & BELOW, STEEL
4	V819-5826	1	BRACE WELDMENT, 69kV & BELOW, 1-WAY, LH
5	V819-5827	1	BRACE WELDMENT, 69kV & BELOW, 1-WAY, RH
6	W819-5828	3	MOUNTING BRACKET, STEEL, FLAT BACK
7	V819-5830	1	FRAME ASSY., HARDWARE, 69kV & BELOW, 1-WAY, BOLT-TOGETHER

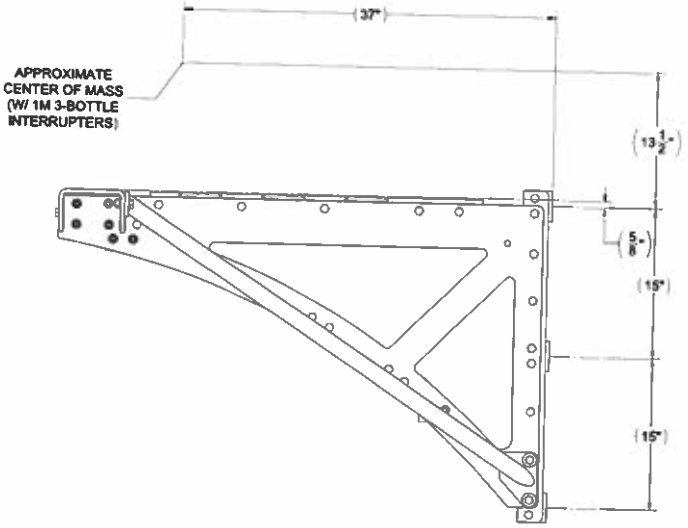
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
7	V819-5830	1	*FRAME ASSY., HARDWARE, 69kV & BELOW, 1-WAY, BOLT-TOGETHER*
7.1	94488	12	HHMB, 1/2"-13 x 1 1/4" LG., GS
7.2	55889	12	HHMB, 1/2"-13 x 1 1/2" LG., GS
7.3	55491	2	HHMB, 1/2"-13 x 1 3/4" LG., GS
7.4	55545	2	HHMB, 1/2"-13 x 2" LG., GS
7.5	55495	6	FLAT WASHER, 1/2", GS
7.6	55371	28	LOCKWASHER, 1/2", ASM, GS
7.7	55535	28	HEX NUT, 1/2"-13, GS

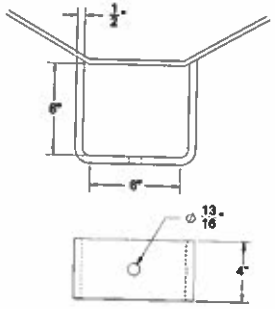


DETAIL B
JOINING OF CENTER SECTION (1) & PHASE PLATFORM (2)









FOR WELDED BRACKET MOUNTING
WELD BRACKETS PARALLEL TO THE SLOPE OF THE POLE.
THREE BRACKETS ARE REQUIRED PER FRAME.
SEE MOUNTING LOCATIONS ON SIDE VIEW.
MOUNTING HARDWARE SUPPLIED BY SEECO.

FOR THRU-BOLT MOUNTING
(3) Ø 13/16" HOLES ARE REQUIRED PER FRAME FOR Ø 3/4" THRU-BOLTS.
SEE MOUNTING LOCATIONS ON SIDE VIEW.
THRU-BOLTS SUPPLIED BY CUSTOMER.

APPROXIMATE AREA (in²)		
	LONGITUDINAL	TRANSVERSE
WITH ARCING HORNS	1,575	965
WITH 1M MONORUPTRS ® (3-BOTTLE)	2,090	1,550
WITH 5M MONORUPTRS ® (3-BOTTLE)	1,870	1,340

Y	ALLOWABLE TENSION*	% OF FULL TENSION*
0° - 5°	10,000 #	100%
10°	5,000 #	50%
15°	3,750 #	37.5%

*SEE NOTE 1.

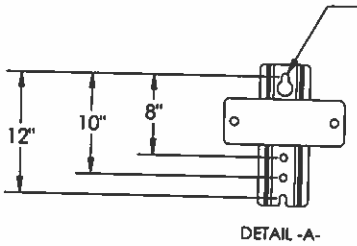
NOTES:
1. THRU / MAIN LINE TENSION MAY BE PULLED AT AN ANGLE FOLLOWING THE Y-DIRECTION TABLE IN EITHER THE Y- OR Y+ DIRECTION PROVIDED BOTH SIDES ARE EITHER Y- & Y- OR Y+ & Y+.
2. THRU / MAIN LINE TENSION MAY BE PULLED UP TO 5° IN EITHER THE Z- OR Z+ DIRECTION PROVIDED BOTH SIDES ARE EITHER Z- & Z- OR Z+ & Z+.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED VENDOR GROUP	9/20/2022	

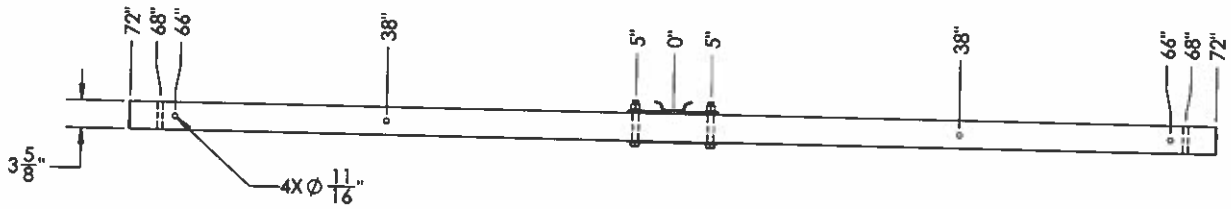
SEECO
TITLE: FRAME ASSY., 69kV, TYPE "1G", BOLT-TOGETHER, FLAT BACK
SIZE DWG. NO. D V819-5821 REV A
SCALE 1:6 WEIGHT: 235 SHEET 2 OF 2

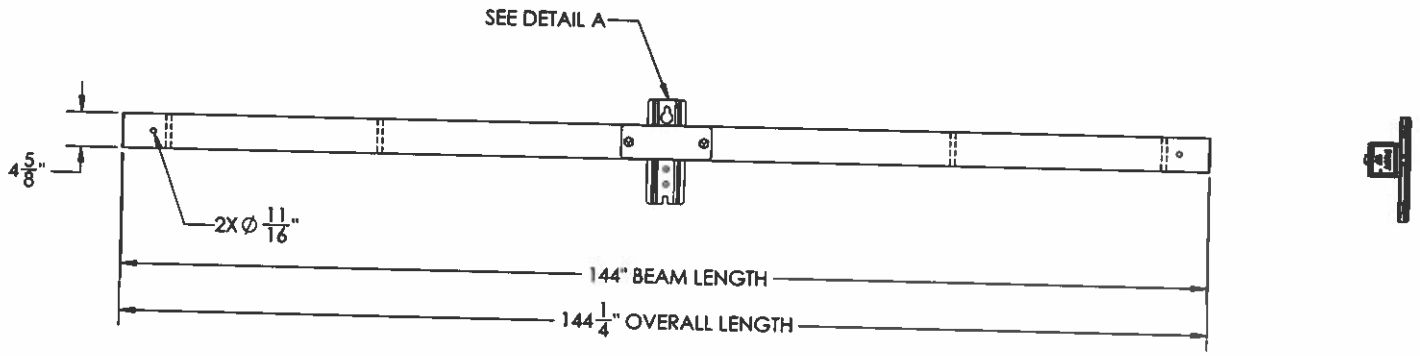
PUPI®
www.pupicrossarms.com

REPRESENTATIVE OF SERIES 2000, SERIES 2500, AND SERIES 3000 ASSEMBLIES



DETAIL -A-





---UNLESS OTHERWISE SPECIFIED--- DIMENSIONS ARE IN INCHES INTERPRET DIM AND TOL PER ASME Y14.5-2009	STATE:		GEOTEK A Whole New Breed of Companies
	DRAWN:	2019-01-22	1421 SECOND AVE NW STEWARTVILLE, MN 55976 (800) 533-1680 www.geotekinc.com
	CHECKED:	2019-01-22	
	APPROVED:		
	REPLACES:		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GEOTEK. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GEOTEK IS PROHIBITED.	THIRD ANGLE PROJECTION		DESCRIPTION: TANGENT ASSEMBLY 144 in, PUPI SPX
CUSTOMER SIGNATURE:	DATE:		SIZE: B DWG. NO. TB----144SPX- BEAM COLOR: REV: 0.0
			SCALE: 1:16 WEIGHT: 54 LBS SHEET 1 OF 1

PUPI®
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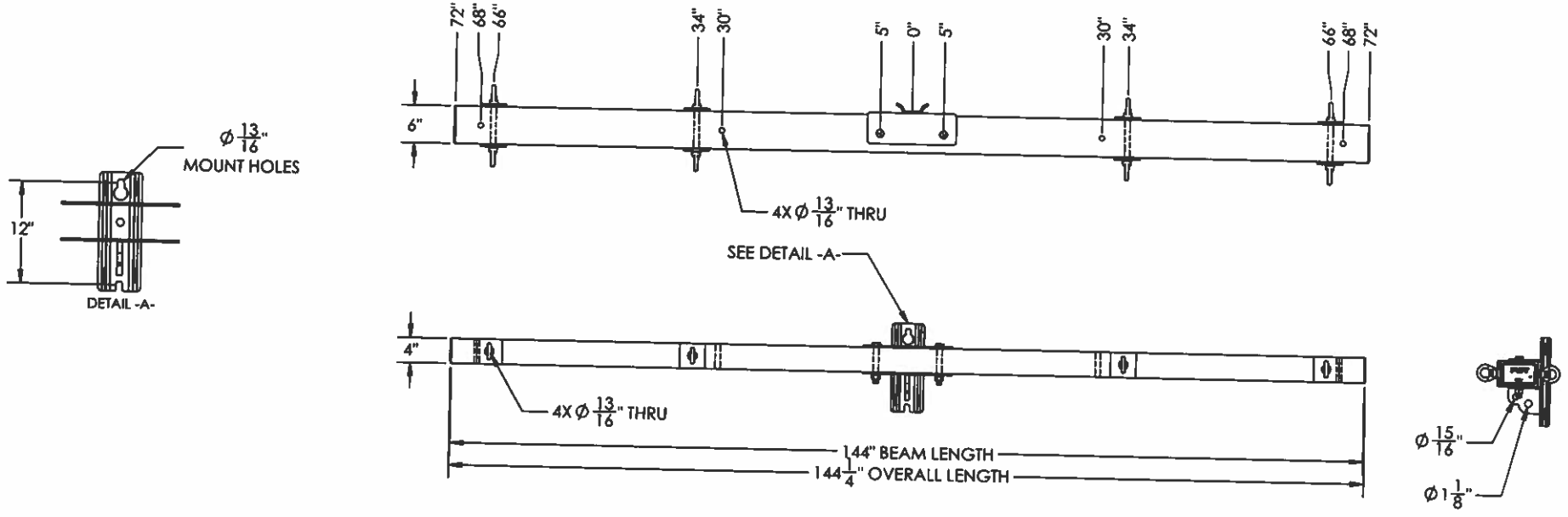
REPRESENTATIVE OF SERIES 4000 ASSEMBLY



---UNLESS OTHERWISE SPECIFIED--- DIMENSIONS ARE IN INCHES INTERPRET DIM AND TOL PER ASME Y14.5-2009	STATE:	
	DRAWN:	2020-02-07
	CHECKED:	2017-05-18
	APPROVED:	
	REPLACES:	
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CUSTOMER SIGNATURE:	DATE:	

GEOTEK
A Whole New World of Composites
1421 SECOND AVE NW
STEWARTVILLE, MN 55976
(800) 533-1680
www.geotekinc.com

DESCRIPTION:
DEADEND ASSEMBLY
144 in, PUPI SPX

SIZE	DWG. NO.	BEAM COLOR:	REV:
B	DA4000144E4SPX-		-

SCALE: 1:16 | WEIGHT: 126 LBS | SHEET 1 OF 1

TAPP
QUALITY STEEL POLES. DELIVERED.
2427 Kelly Ln, Houston, TX 77066
sales@tappinc.com
www.tappinc.com
281-444-8277

Customer References

Dominion
Sheela Dean
Sr Sourcing Specialist/Power Delivery Material
Sheela.M.Dean@dominionenergy.com
804-690-8221

Basin Electric
Shane Vasbinder
Senior Transmission Engineer
Svasbinder@bepc.com
701-557-5779

Pacificorp
Cameron Nielsen
Associate Director, Supply Chain
Cameron.Nielsen@pacificorp.com
801-220-4607

Exelon
Rozeta Ali
Senior Category Manager - T&S Category
Rozeta.Ali@ComEd.com
630-290-1397

Tablas de Tolerancias de Fabricación

Manufacturing Tolerance Tables

A.IP.02-10

ASTM A6.
Tolerancias Internas de Grupo Polesa. *Polesa Group internal tolerances.*
C.F.E. J6100-54.

CORTE DE TRAPECIOS. *CUTTING OF TRAPEZOIDS.*		
Característica. *Feature*	**Tolerancia.** *Tolerance.*	**Norma/Esp.** *Regulation/Spe.*
Longitud de trapecio poste grande. *Length Trapezoid of the large pole.*	± 1"	Interna. *Internal.*
Longitud del trapecio poste chico. *Length Trapezoid of the small pole.*	+3/4" - 1/4"	Interna. *Internal.*
Longitud de trapecio brazos. *Length Trapezoid of the arm.*	± 1"	Interna. *Internal.*
Camber trapecio poste grande. *Camber in large pole trapezoid.*	1/8" X Longitud del trapecio (FT) / 5. *1/8" X Trapezoid Length (FT) / 5.*	ASTM A6
Camber trapecio poste chico. *Camber in small pole trapezoid.*	1/8" en cada 10 pies *1/8" in every 10 ft.*	Interna. *Internal.*
Camber trapecio brazos. *Camber in arm trapezoid.*	1/8" X Longitud del trapecio (FT) / 5. *1/8" X Trapezoid Length (FT) / 5.*	ASTM A6
Desarrollo de trapecio poste grande. *Development of large pole trapezoid.*	± 2 mm	Interna. *Internal.*
Desarrollo de trapecio poste chico. *Development of small pole trapezoid.*	± 3 mm	Interna. *Internal.*
Desarrollo de trapecio brazos. *Development of arm trapezoid.*	± 2 mm	Interna. *Internal.*
Planicidad en trapecios. *Flatness on trapezoids.*	PARA POSTES SE TOMA LA MITAD DE LO INDICADO EN ASTM A6	ASTM A6
Localizacion de barrenos en trapecios. *Distance of holes in trapezoids.*	± 3/8" de la corona del trapecio. *± 3/8" of the trapezoid's top.*	Interna. *Internal.*

POSTE GRANDE. *LARGE POLE.*		
Característica. *Feature.*	**Tolerancia.** *Tolerance.*	**Norma/Esp.** *Regulation/Spe.*
Longitud de la sección. *Section length.*	± 1"	Interna. *Internal.*
Redondeo diámetros menores de 36" en secciones. *Rounding of diameters smaller than 36" on sections.*	± 1/4"	Interna. *Internal.*
Redondeo diámetros mayores de 36" en secciones. *Rounding of diameters larger than 36" on sections.*	± 1/2"	Interna. *Internal.*
Diámetro lado base y lado corona. *Diameter bottom and top sides.*	± 1/8"	Interna. *Internal.*
Torcimiento total en poste. *Total twisting.*	a) 4° por seccion *a) 4° degrees per section.* b) Para postes con placa estabilizadora se nivela en zona de empotramiento y se verifica el torcimiento con referencia en el nivel de tierra. *b) For poles with stabilizer plate, level in the embedment area and check the twist with reference to the ground level.* c) En ambos casos, la alineación de los accesorios deberá ser nivelada ± 1 ° con respecto al eje del poste. *c) In both cases, the alignment in accessories shall be level ± 1° with respect to the pole axis.*	Interna. *Internal.*
Diferencia de caras en los extremos. *Difference of faces at the ends.*	±1/8"	Interna. *Internal.*
Diferencia de caras en al centro de la seccion. *Difference of faces at the center shaft.*	±10% del tamaño nominal de la cara *±10% of nominal size face*	Interna. *Internal.*
Empotramientos postes C.F.E. *C.F.E. pole splice joint*	+10% - 2% del empotramiento de diseño *+ 10% - 2% From splice joint design*	C.F.E. J6100-54.

Empotramientos postes exportación. *Splice joint for exportation poles.*	+6"- 3" o lo que indique el plano de fabricación *+6"- 3" or according to the fabrication drawing*	Interna. *Internal.*
Tolerancia entre tuercas para empotramientos. *Tolerance between jacking nuts.*	±1/16"	Interna. *Internal.*
Tolerancia en camber cuando por diseño sea requerido Camber. *Tolerance when required by design*	±10%	Interna. *Internal.*
Holgura entre secciones empotradas. *Gap between in slip joint for embedded sections.*	1/8", Maximo 2 caras seguidas con 1/4" y que el GAP mayor a 1/4" no exeda el 30% del perimetro. *1/8", Maximum 2 faces in a row with 1/4" and that the GAP greater than 1/4" does not exceed 30% of the perimeter.*	Interna. *Internal.*
Ángulos de doblez (Proceso de doblado). *Bending angles (Bending process).*	± 0.5°	Interna. *Internal.*
Ángulos de doblez (Después de conformado). *Bending edge (After forming).*	± 4°	Interna. *Internal.*
Caras sumidas. *Sunken faces.*	±1/8"	Interna. *Internal.*
Centrado de la seccion con la placa base o brida. *Centering of the section with the base plate or flange.*	± 1/4"	Interna. *Internal.*
Perpendicularidad o escuadrado placa base, brida a caña. *Perpendicularity or square base plate, flange to shaft.*	1/8" en 60FT. *1/8" in 60FT.*	Interna. *Internal.*
Enderezado o fuera de linea recta. *Straightened or out of straight line.*	3" en cada 100FT. *3" in each 100FT.*	Interna. *Internal.*
Concavidad o convexidad en bridas. *Concavity or convexity in flanges.*	3/16" por brida, si excede esta tolerancia se presenta y debra quedar 3/16" entre bridas ensambladas. *3/16" per flange, if this tolerance is exceeded, 3/16" must remain between assembled flanges.*	Interna. *Internal.*
Abertura de barras con conexión a percha. *Opening of bars with conection to the bracket.*	-1/8"+ 0"	Interna. *Internal.*
Tolerancia en paso de escalones N01. *Tolerance for distance between N01 step bolts.*	± 1"	Interna. *Internal.*
Tolerancia en paso de escalones McGregor. *Tolerance for distance between McGregor step clips.*	± 1"	Interna. *Internal.*
Tolerancia entre accesorios de ensamble. *Tolerance between fit up accessories.*	± 1/16"	Interna. *Internal.*
Tolerancia entre accesorios que no son de ensamble. *Tolerance between accessories not for fit up.*	± 1"	Interna. *Internal.*
Barrenos o galuces de dren. *Drain holes.*	- 1/4"+1/2" siempre y cuando queden por dentro de la caña. *- 1/4", +1/2"as long as they remain inside the shaft.*	Interna. *Internal.*
Tolerancia para placas base ancho,largo,diagonal,diametro. *Tolerances on gauge to base plate, length,diagonal,diameter.*	+1/2"- 1/8"	Interna. *Internal.*
Planicidad en placa base. *Flatness on base plates.*	ASTM A6	Interna. *Internal.*
Longitud y ancho de placas.(Excepto placas base /bridas). *Length and width of plates (except base plates/flanges)*	± 1/2" -1/8"	Interna. *Internal.*
Diferencia entre ancho de caras generado por camber. *Difference between face width generated by camber.*	± 10% del ancho de la cara requerido. *± 10% of the required face width.*	Interna. *Internal.*
Exentricidad de barrenos. *Hole eccentricity.*	± 1/16"	Interna. *Internal.*
Distancia entre barrenos de una misma coneccion. *Distance between holes of the same connection.*	± 1/16"	Interna. *Internal.*
Alineacion de barrenos de perhas y barras *Alignment of bracket and bar holes*	±1/16" en un solo sentido todos *±1/16" in one direction all.*	Interna. *Internal.*
Diametro de barrenos. *Hole diameter.*	+ 1/16"- 0"	Interna. *Internal.*
Vang que no son conexion a estructura H fuera de eje. *Vang that are not connection to off-axis H-structures.*	2° en un solo sentido todos. *2° in one direction all*	Interna. *Internal.*
Nivelado de conexiones de aisladores *Leveling of insulator connections*	1° en un solo sentido todos. *1 ° in one direction all.*	Interna. *Internal.*
Longitud de Roscado en pernos de anclaje. *Thread length on anchor bolts.*	+ 2" - 0"	Interna. *Internal.*

Longitud en pernos de anclaje. *Length in anchor bolts*	± 1"	Interna. *Internal.*
Longitud de la porcion galvanizada en los pernos de anclaje. *Length of galvanized portion on anchor bolts.*	+ 12" - 0"	Interna. *Internal.*
POSTE CHICO. *SMALL POLE.*		
Característica. *Feature.*	**Tolerancia.** *Tolerance.*	**Norma/Esp.** *Regulation/Spe.*
Longitud de los postes y cañas. *Length of poles and shafts.*	+ 3/4 - 1/4"	Interna. *Internal.*
Diámetro. *Diameter.*	± 1/16"	Interna. *Internal.*
Redondeo postes y cañas. *Rounding poles and shafts.*	± 1/16"	Interna. *Internal.*
Redondeo postes ráfagas o similares. *Rounding of "rafaga" poles or similar.*	± 1/4"	Interna. *Internal.*
Torcimiento postes barrenados. *Twisting of drilled poles.*	4°	Interna. *Internal.*
Torcimiento postes nacionales. *Twisting of national poles.*	6°	Interna. *Internal.*
Tolerancia entre accesorios de ensamble. *Tolerance between assembly accessories.*	± 1/16"	Interna. *Internal.*
Tolerancia entre accesorios que no son de ensamble. *Tolerance between non-assembly accessories.*	± 1"	Interna. *Internal.*
Centrado del poste con la placa base. *Centering of the pole with the base plate.*	± 1/8"	Interna. *Internal.*
Enderezado o fuera de linea recta. *Straightened or out of straight line.*	3" en cada 100FT. *3" in each 100FT.*	Interna. *Internal.*
Tolerancia para dimensión placa base. *Tolerance for the base plate dimension.*	± 1/4"	Interna. *Internal.*
Perpendicularidad o escuadrado placa base, brida a caña. *Perpendicularity or square by base plate, flange to shaft.*	1/8" en 60FT. *1/8" each 60FT.*	Interna. *Internal.*
Distancia entre barrenos placa base. *Distance between holes on the base plate.*	± 1/16"	Interna. *Internal.*
Caras sumidas. *Sunken faces.*	1/8"	Interna. *Internal.*
BRAZOS. *ARMS.*		
Característica. *Feature.*	**Tolerancia.** *Tolerance.*	**Norma/Esp.** *Regulation/Spe.*
Longitud de los brazos. *Length of the arms.*	± 1"	Interna. *Internal.*
Diámetro. *Diameter.*	± 1/4"	Interna. *Internal.*
Redondeo. *Rounding.*	± 1/4"	Interna. *Internal.*
Torcimiento en brazo. *Arm twisting.*	4°	Interna. *Internal.*
Tolerancia entre accesorios de ensamble. *Tolerance between assembly accessories.*	± 1/16"	Interna. *Internal.*
Tolerancia entre accesorios que no son de ensamble. *Tolerance between non-assembly accessories.*	± 1"	Interna. *Internal.*
Centrado de la caña a la percha. *Centering of the shaft to the bracket.*	± 1/8"	Interna. *Internal.*
Desviación de la caña con respecto a la percha. *Shaft deviation according to the bracket.*	± 1° y no mayor a 1.5" fuera del eje en cualquier longitud. *± 1 ° and no more than 1.5 "off axis.*	Interna. *Internal.*
Elevación del brazo. *Rise.*	+ 1"- 0"	Interna. *Internal.*
Enderezado o fuera de linea recta. *Straightened or out of straight line.*	3" en cada 100FT. *3" each 100FT.*	Interna. *Internal.*

Diferencia entre ancho de caras. *Difference between face widths.*	± 10% del ancho de la cara requerido *± 10% of the required face width*	Interna. *Internal.*
Abertura de percha con conexión a barras. *Opening of the bracket with conection to bars.*	+ 1/8"- 0"	Interna. *Internal.*
Abertura de percha con conexión a trabes. *Opening of the bracket with conection to beams.*	+ 1/4"- 0"	Interna. *Internal.*
Localización líneas de dobles. *Location of bending lines.*	± 1/8"	Interna. *Internal.*
Ángulos de dobles (Proceso de doblado). *Bending angles (Bending Process).*	± 0.5°	Interna. *Internal.*
Ángulos de dobles (Después de conformado). *Bending angles (After forming).*	± 4°	Interna. *Internal.*
Barrenos o galuces de dren. *Drain holes.*	- 1/4"+1/2" siempre y cuando queden por dentro de la caña *- 1/4", +1/2" as long as they are inside the shaft*	Interna. *Internal.*
Barrenado en percha. *Drilling on the bracket.*	± 1/16"	Interna. *Internal.*
Diametro de barrenos. *Hole diameter.*	+ 1/16"- 0"	Interna. *Internal.*

Postes tipo prepa

Característica. *Feature.*	**Tolerancia.** *Tolerance.*	**Norma/Esp.** *Regulation/Spe.*
Longitud. *Length.*	± 1"	Interna. *Internal.*
Redondeo. *Rounding.*	± 1/4"	Interna. *Internal.*
Diámetro lado base y lado corona. *Diameter bottom and top sides.*	± 1/8"	Interna. *Internal.*
Enderezado o fuera de linea recta. *Straightened or out of straight line.*	1/8" en cada 10FT. *1/8" in each 10FT.*	Interna. *Internal.*
Ángulos de doblez (Proceso de doblado). *Bending angles (Bending process).*	± 0.5°	Interna. *Internal.*
Ángulos de doblez (Después de conformado). *Bending edge (After forming).*	± 4°	Interna. *Internal.*
Caras sumidas. *Sunken faces.*	1/8"	Interna. *Internal.*
Torcimiento de seccion de extremo a extremo. *End-to-end section twist.*	6°	Interna. *Internal.*
Torcimiento de barrenos pasados de extremo a extremo . *Twisting of*	4°	Interna. *Internal.*
Desplazamiento de barrenos desde el lado corona (Espejo) *Displacement of holes from the top side (Mirror)*	3/8"	Interna. *Internal.*
Desplazamiento entre barrenos pasados *Displacement between past holes*	1/16" (si exede 1/16" ± 1° en eje de barrenos) *1/16 (if 1/16" is exceeded up to 1 maximum)*	Interna. *Internal.*
Desplazamiento entre de barrenos para rivnut *Displacement between rivnut holes*	1/4"	Interna. *Internal.*
Diametro de barrenos que no son para rivnut. *Diameter of non-rivnut holesole diameter.*	+ 1/16"- 0"	Interna. *Internal.*
Diferencia entre ancho de caras. *Difference between face widths.*	± 10% del ancho de la cara requerido *± 10% of the required face width*	Interna. *Internal.*
Descentrado de barrenos sobre la cara de la caña *Offcentering of holes on the face of the section*	1/4" hacia el mismo sentido sin morder arista *1/4" in the same direction without biting into the edge*	Interna. *Internal.*

Estructuras		
Característica. *Feature.*	**Tolerancia.** *Tolerance.*	**Norma/Esp.** *Regulation/Spe*
Longitud. *Length.*	± 1" Por seccion, pero ±1/8" entre secciones izquierda y derecha en estructuras bridadas *± 1" Per section, but ±1/8" between left and right sections on flanged structuress*	Interna. *Internal.*
Redondeo diámetros menores de 36" en secciones. *Rounding of diameters smaller than 36" on sections.*	± 1/4"	Interna. *Internal.*
Redondeo diámetros mayores de 36" en secciones. *Rounding of diameters larger than 36" on sections.*	± 1/2"	Interna. *Internal.*
Diámetro lado base y lado corona. *Diameter bottom and top sides.*	± 1/8"	Interna. *Internal.*
Torcimiento total en poste. *Total twisting.*	a) 4° por seccion, compartiendo el torcimiento nivelando a 0° en la mitad de la seccion en postes bridados *a) 4° per section, sharing the twist, leveling at 0° in the middle of the section on flanged poles.* b) Para postes con placa estabilizadora se nivela en zona de empotramiento y se verifica el torcimiento con referencia en el nivel de tierra. *b) For poles with stabilizer plate, level in the embedment area and check the twist with reference to the ground level.* c) Para postes con placa base, se respeta el nivel en los barrenos de la placa base, pudiendo compartir el torcimiento al centro de la caña. *c) For poles with a base plate, the level in the holes of the base plate is respected, being able to share the twist at the center of the shaft.* d) En ambos casos, la alineación de los accesorios deberá ser nivelada ± 1 ° con respecto al eje del poste. *d) In both cases, the alignment in accessories shall be level ± 1° with respect to the pole axis.*	Interna. *Internal.*
Accesorios para conexión entre piernas. *Accessories for connection between legs.*	a) ± 1/16" verticalmente entre accesorios para conexión de tirantes. *a) ± 1/16" vertically between accessories for connecting braces.* *b*) ± 1/16" del eje neutro del poste al barreno de conexion. *b) ± 1/16" from the neutral axis of the pole to the connection holes.*	Interna. *Internal.*
Longitud de trabes, tirantes o brazos para conexión entre piernas marcado entre centros de conexion. *Length of beams, braces or arms for connection between legs. marking between connection centers.*	± 1/16"	Interna. *Internal.*
Torcion de trabes conectadas a perchas. *Twisting of beams connected to brackets.*	± 1° entre centros de conexión *± 1° between connection centers*	Interna. *Internal.*
Torcion de trabes conectadas a poste con pernos roscados. *Twisting of beams connected to poles with threaded bolts..*	± 1° entre barrenos de conexión *± 1° between connection holes.*	Interna. *Internal.*
Perpendicularidad o escuadrado placa base, brida a caña. *Perpendicularity or square by base plate, flange to shaft.*	1/8" en 100FT. *1/8" each 100FT.*	Interna. *Internal.*
Abertura de percha para conexión de trabes, (poste y/o trabe) *Bracket opening for girder connection (ple and/or beam)*	+ 1/4"- 0"	Interna. *Internal.*
Distancia entre centros de piernas. *Distance between leg centers.*	± 1/16" en los extremos de la estructura ± 1/4" en la parte media de la estructura *±1/16" at frame ends* *±1/4" in the middle part of the structure*	Interna. *Internal.*
Distancia en diagonal desde la base hasta la corona (hipotenusa) *Diagonal distance from pole base to pole top (hypotenuse)*	± 1/4"	Interna. *Internal.*

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			ACTIVITIES					
1	COMPANY CERTIFICATIONS							
1.1	Certified by International Standard Organization	ISO 9001 Certification Quality Management Systems - Requirements	ISO 9001 Certificate	Current ISO Certificate	Poleas Group	Quality Management	D	R
1.2	Certified by American Institute of Steel Construction	AISC 207 Certification Standard for Steel Fabrication and Erection, and Manufacturing of Metal Components	AISC Certificate	Current AISC Certificate	Poleas Group	Quality Management	D	R
1.3	Certified by Canadian Welding Bureau	W47.1 Certification of Companies for Fusion Welding of Steel.	CWB Certificate in Division 2	Current CWB Certificate	Poleas Group	Quality Management	D	R
2	PREPARATION PRIOR TO MANUFACTURING							
2.1	DOCUMENTS							
2.1.1	Customer specification review (latest version)	Customer Specifications	Customer Specifications & Drawings	Customer specifications (latest version).	N/A	Poleas Group	R	D
2.1.2	Shop Drawings	ASCE 48-19, Sect. 7.1 DETAILING	Shop Drawings approval by Customer	Shop Drawings approval by customer	100%	TAPP Engineering	R-H	D-H
2.1.3	Request for Information (*RFI*) Information or clarification generated during the manufacturing phase.	TAPP Review Standard Practice	Customer Response to RFI	RFI answered and clarified.	As required	TAPP Project Management	D	R
2.1.4	Welding Procedure Specification (*WPS*) and/or Procedure Qualification Record(*PQR*)	ASCE 48-19, Sect. 7.2.3 Welding. AWS D1.1: Section 5 & 6	WPS and/or PQR	Approved WPS & PQR.	As required	Welding Engineering	D	R
2.1.5	Nondestructive Testing (NDT) Procedures Applicable (*VT, PT, MT, UT*)	AWS D1.1 Section 8 Applicable standards	NDT Procedures Applicable: I.CA.22_Instructive Inspection with magnetic particle I.CA.21_Instructive Inspection with penetrating liquids I.CA.30_Instructions for visual inspection of welding I.CA.20_Instruction Manual for inspection by ultrasound.	Approved nondestructive testing procedures by level III ASNT .	As required	Quality Control - Inspection	D	R
2.2	SKILLED LABOR							
2.2.1	Welder, welding operator, and tack welder qualifications.	ASCE 48-19, Sect. 7.2.3 Welding. AWS D1.1: Section 6, Part C	Qualifications Test Records according to process (s) and positions qualified	Objective evidence that the Effectiveness Period has not been exceeded by more than 6 Months	100%	Welding Engineering	D	R
2.2.2	Nondestructive Testing (NDT) Inspectors Qualifications: VT (*Visual Inspection*) MT (*Magnetic Particle Testing*) PT (*Penetrant Testing*) UT (*Ultrasonic Testing*)	ASNT Recommended Practice SNT-TC-1A AWS D1.1 Section 8, Part A & D	NDT qualified procedures Inspectors certifications in VT, UT, MT &/or PT	Inspectors Certificates. Level I or II in NDT approved by ASNT Level III.	100%	Quality control	D	R
2.3	MATERIAL RECEIPT INSPECTION							
2.3.1	Charpy Impact Requirements (CVN): a) Structural plate or coil materials intended for: - Polygonal tubular poles and butt-welded flange / base plates for polygonal tubular poles, including thru plates - Polygonal tubular arm / beams and butt-welded brackets b) Anchor bolts c) Welding Material	ASCE 48-19 Sections: 5.2.1.3 Energy - Impact Properties. 6.3.1 Materials Properties (Welding) 9.3 Anchor bolts ASTM A370 Mechanical Testing of Steel Products ASTM A673 (Subsize test specimens) ASTM E23 Impact Testing of Metallic Materials	P.CA.03_Inspection and testing Procedure I.CA.14_Material Receipt Inspection Instruction Mill Test Reports (MTRs) Note: If the MTR does not include the CVN Test, it must be performed by Poleas's in-House Metallurgical Lab.	Materials & anchor bolts in the longitudinal direction shall meet the requirements of 15 ft-lb (20J) absorbed energy at a temperature of -20°F (-29°C). Absorbed energy requirements for subsize test specimens shall be in accordance with ASTM A370: a) 3/4 Size, 10 by 7.5 mm: 11 ft-lb (15J) b) 2/3 Size, 10 by 6.7 mm: 10 ft-lb (14J) c) 1/2 Size, 10 by 5 mm: 8 ft-lb (11J) d) 1/3 Size, 10 by 3.3 mm: 5 ft-lb (7J) e) 1/4 Size, 10 by 2.5 mm: 4 ft-lb (5J) Note: The temperature of -20 ° F (-29 ° C) shall be maintained in any case.	One test per Heat - Lot Number	Metallurgical Laboratory	D	R
2.3.2	Structural Shapes (Channels, Angles and others)	Applicable ASTM	Mill Test Reports (MTRs)	MTR	100% MTR	Metallurgical Laboratory	D	R
2.3.3	Anchor Bolts (If required)	ASCE 48-19, Sect. 9.3 Applicable ASTM	Quality Certificate	Quality Certificate	100% Quality Certificate	Metallurgical Laboratory	D	R
2.3.4	Structural Bolts	ASCE 48-19 Sect. 6.2 Applicable ASTM	Quality Certificate	Quality Certificate	100% Quality Certificate	Metallurgical Laboratory	D	R
2.3.5	Electrode (*coated, wire, tubular*) & Flux	AWS A5.1 & A5.5 for SMAW AWS A5.17 & A5.23 for SAW AWS A5.20 , A5.29 & A5.36 for FCAW AWS A5.18 & A5.36 for GMAW	Certificates of welding electrodes & Flux	Quality Certificate	100% Quality Certificate	Metallurgical Laboratory	D	R
2.3.6	Coating	Coating specification that applies	Certificates of quality of applicable coating (paint or zinc)	Quality Certificate	100% Quality Certificate	Metallurgical Laboratory	D	R

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									Operator	Welder	Supervisor	Inspector	Certified	Documentary	Dimensional	VT	MT	PT	UT	
3	MANUFACTURING PROCESS																			
3.1	WELDING																			
3.1.1 (a)	Complete Joint Penetrations For Pole Shafts (CJP Welds): a. Circumferential Welded Splices b. Circumferential welds in Base Plates or Flange Plates with reinforcing fillet weld c. Longitudinal seam welds within 6" of circumferential welds (Base plate, Flange plate intended for Pole and Caisson Sections) d. Longitudinal weld within 12" at the end of outer or top sections with diameters equal to or greater than 12" e. Longitudinal weld within 6" at the end of outer or top sections with diameters less than 12" f. Longitudinal weld within 6" on each side of any splice or accessory that passes through the longitudinal weld.	ASCE 48-19 : Section 6.3 Welded & 6.4 Field connections of members AWS D1.1 Section 7 & 8	Shop Drawings Applicable WPS Applicable NDT reports A.CA.03_Weld Visual Inspection Acceptance Criteria	Every inch (100%) CJP WELDs	100% CJP Welds AWS D1.1 Table 8.1 Visual Inspection Acceptance Criteria (Statically loaded) AWS D1.1 100% UT Table 8.2 (Statically loaded)	Engineering Production Welding	D	R		✓	✓			✓		✓			✓	a) All preheating and welding shall be in conformance with AWS D1.1. b) All weld repair shall be in accordance with AWS D1.1. c) Apply NDT as required
3.1.1. (b)	Complete Joint Penetrations For Pole Shafts (CJP Welds): g. Longitudinal seam welds within the total length to the max. splice length plus 6" at the bottom end of outer sections with diameter greater than 18" h. Longitudinal seam welds within the total length to the max. splice length at the bottom end of outer sections with diameter equal or less than 18".	ASCE 48-19 : Section 6.3 Welded & 6.4 Field connections of members AWS D1.1 Section 7 & 8	Shop Drawings Applicable WPS Applicable NDT reports A.CA.03_Weld Visual Inspection Acceptance Criteria	Every inch (100%) CJP WELDs	100% CJP Welds AWS D1.1 Table 8.1 Visual Inspection Acceptance Criteria (Statically loaded) AWS D1.1 100% UT Table 8.2 (Statically loaded)	Engineering Production Welding	D	R		✓	✓			✓		✓			✓	
3.1.2	Complete Joint Penetrations Within Longitudinal Seam Welds for Arm and Beam Shafts (CJP Welds): Arm Seam weld adjacent to circumferential weld (Bracket) shall be CJP with the next lengths: a. 3" for arm dia less than 7" (F/F) b. 4.5" for arm dia 7" (F/F) to 9" (F/F) c. 6" for arm dia greater than 9" (F/F)	ASCE 48-19 : Section 6.3 Welded & 6.4 Field connections of members AWS D1.1 Section 7 & 8	Shop Drawings Applicable WPS Applicable NDT reports A.CA.03_Weld Visual Inspection Acceptance Criteria	Every Inch (100%) CJP WELDs	100% CJP Welds AWS D1.1 Table 8.1 Visual Inspection Acceptance Criteria (Statically loaded) AWS D1.1 100% UT Table 8.2 (Statically loaded)	Engineering Production Welding	D	R		✓	✓			✓		✓			✓	a) All preheating and welding shall be in conformance with AWS D1.1. b) All weld repair shall be in accordance with AWS D1.1. c) Apply NDT as required
3.1.3	Partial Joint Penetrations Within Longitudinal Seam Welds (PJP Welds): These PJPs shall have a minimum 80% penetration	ASCE 48-19: Section 6.3 Welded Connections Section 7.2.3 Welding AWS D1.1 Section 7 & 8	Shop Drawings Applicable WPS Applicable NDT reports A.CA.03_Weld Visual Inspection Acceptance Criteria	a) 100% VT b) UT as required by "ACCEPTANCE CRITERIA and / or REJECTION "	100% PJPs according to AWS D1.1 Table 8.1 Visual Inspection Acceptance Criteria (Statically loaded) Ultrasonic Test (UT) according to: Standard Frequency of UT: 6" of one PJP Weld, one section every 10 sections Increased Confidance of UT: When 20% of project manufacturing is reached and the results are 100% satisfactory, the inspection will be; one section every 20 sections. Alert Frequency of UT: If there is a "Rejection" to those 6" PJP Welds, the inspection will be increased to: one section of every 5 sections.	Engineering Production Welding	R	R	✓	✓	✓			✓		✓				a) All preheating and welding shall be in conformance with AWS D1.1. b) All weld repair shall be in accordance with AWS D1.1. c) Apply NDT as required

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No.	DESCRIPTION	STANDARD / SPECIFICATION	SUPPORT DOCUMENT (Procedure / Record)	INSPECTION FREQUENCY	ACCEPTANCE / REJECTION CRITERIA	OWNER	TAPP	CUSTOMER REP	INSPECTED BY				INSPECTION TYPE			NDT METHOD				OBSERVATIONS
									Operator	Welder	Supervisor	Inspector	Certified	Documentary	Dimensional	VT	MT	PT	UT	
3.1.4	**Other Partial Joints Penetration (PJP Welds)- Other than Longitudinal Seam Welds:** a. These PJPs are those welds for elements that through from side to side in Arms, Beams and Poles b. For all inner sections, the seam welds into total splice area (Top End) shall be PJP welds at 80% and the weld reinforcment shall be grinding flush. For inner side on these welds, back weld shall be applied with a length equal to total splice area. c. Seam Weld adjacent to circunferential weld (Bearing Plate) a back weld (PJP) within 3" for inner side shall be apply. d. Seam weld in Top end of Last Top Section a back weld (PJP) within 3" for inner side shall be apply e. Arm Seam weld adjacent to circumferential weld (Different to Bracket) a back weld (PJP) shall be apply with the next lengths: 1. 3" for arm dia less than 7" (F/F) 2. 4.5" for arm dia 7" (F/F) to 9" (F/F) 3. 6" for arm dia greater than 9" (F/F)	ASCE 48-19: Section 6.3 Welded Connections Section 7.2.3 Welding AWS D1.1 Section 7 & 8	Shop Drawings Applicable WPS Applicable NDT Reports A.CA.03_Weld Visual Inspection Acceptance Criteria	a) 100% VT	100% PJP Welds according to AWS D1.1 Table 8.1 Visual Inspection Acceptance Criteria (Statically loaded)	Engineering Production Welding	R	R	✓	✓	✓		✓		✓					a) All preheating and welding shall be in conformance with AWS D1.1. b) All weld repair shall be in accordance with AWS D1.1. c) Apply NDT as required
3.1.5	**WELD- Fillet welds**	ASCE 48-19: Section 6.3 Welded Connections Section 7.2.3 Welding AWS D1.1 : Section 7 & 8	Shop Drawings Applicable NDT reports A.CA.03_Weld Visual Inspection Acceptance Criteria	100% VT	100% fusion throughout the entire cross section of the welds. AWS D1.1, Table 8.1 Visual Inspection Acceptance Criteria (Statically loaded)	Engineering Production Welding	R	R		✓	✓		✓		✓					a) All preheating and welding shall be in conformance with AWS D1.1. b) All weld repair shall be in accordance with AWS D1.1. c) Apply NDT as required
3.2	**DIMENSIONS AND TOLERANCES**																			
3.2.1	Dimensions practices, including tolerances, shall ensure compliance with clearance, appearance, strength, and assembly requirements Note: These inspections are performed in Shop, made material.	ASCE 48-19, Sect. 10.3.3 Dimensional Inspection. Shop Drawings	A.CA.01_Manufacturing tolerance Table R.CA.14 Final Inspection Poles Record R.CA.30 Final Inspection Arms Record	100% products	A.CA.01 _Manufacturing Tolerance Table	Production & Inspection	D	R	✓			✓		✓	✓	✓					-
4	**INSPECTION AND TESTS**																			
4.1	**VISUAL INSPECTION**																			
4.1.1	Welds according to AWS D1.1, Table 8.1 (Statically Loaded) Note: If are required complete this inspection with MT or PT Method according to 4.2.1	AWS D1.1 Section 8.9 & Table 8.1 (Statically loaded) ASCE 48-19:Section 10.3.2 Visual Inspection	I.CA.30_Instruction manual for Visual Inspection on welding. R.CA.14 Final Inspection Poles Record R.CA.30 Final Inspection Arms Record	100% Welding	AWS D1.1: Section 8.9 & Table 8.1 (Statically loaded) Visual Inspection Acceptance Criteria	Production & Inspection	D	R	✓	✓	✓	✓	✓		✓					-
4.1.2	Brackets by Cold Bending Process Intended to arms and beams, shall be inspected for cracking detection.	ASCE 48-19: Section 7.2.2.2 Forming	I.CA.24_Instruction Manual for Inspection of First Processes R.CA.29_Inspection Record First Processes Accessories	a) 100% visual inspection in these bends. b) MT as required according to "ACCEPTANCE CRITERIA and / or REJECTION "	All cracks are unacceptable. Standard Frequency of MT: 100% of the bends, one bracket for every 20 brackets, only in thicknesses greater than one inch. Increased Confidence of MT: When 20% of project manufacturing is reached and the results are 100% satisfactory, the inspection will be; one bracket every 40 sections. Note: When the project represents a total of 20 brackets maximum, the inspection shall be: one bracket every 5 brackets Alert Frequency of MT: If there is rejection in the bends of a Bracket, the inspection of that Lot will be 100%	Inspection	D	R	✓		✓	✓	✓		✓	✓	✓					-
4.2	**COMPLEMENTARY NDT's (PT and MT Methods)**																			
4.2.1	Welding discontinuities shall be ground smooth and inspected using Penetrant Liquis or Magnetic Particle Methods. Note: This test will apply in case the visual inspection is insufficient to determine the acceptability or rejection of a weld.	AWS D1.1 : Section 8.10 & Table 8.1 (Statically loaded) ASTM E709 Standard Guide for Magnetic Particle Testing ASTM E165 Standard Practice for Liquid Penetrant Examination	I.CA.22_Inspection instructions with magnetic particles D.SAP.25_Magnetic Particle Record & I.CA.21_Inspection instructions with penetrating liquids D.SAP.26_MII Penetrant Liquid Record	100% of those discontinuities.	AWS D1.1 : Section 8.10 & Table 8.1 (Statically loaded)	Quality Control	D	R				✓	✓		✓		✓	✓			-

Vigencia a partir del 01-07-22

R.LA.25-3

TAPP
GOAL IS STEEL POLES DELIVERED

INSPECTION AND TEST PLAN

MANUFACTURING OF TRANSMISSION / DISTRIBUTION STEEL POLES AND OTHERS

LEGEND
D- Document
R- Review
H- Hold

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PROJECT:

TP: 0

ACTIVITIES

No.	DESCRIPTION	STANDARD / SPECIFICATION	SUPPORT DOCUMENT (Procedure / Record)	INSPECTION FREQUENCY	ACCEPTANCE / REJECTION CRITERIA	OWNER	TAPP	CUSTOMER REP	INSPECTED BY				INSPECTION TYPE			NDT METHOD				OBSERVATIONS
									Operator	Welder	Supervisor	Inspector	Certified	Documentary	Dimensional	VT	MT	PT	UT	
4.2.2	Galvanized members with large T-joint connections, such as base plates, flange plates. Note: This requirement only applies in case of indications detected by 4.3.3.	ASCE 48-19:Section 10.3.5 Weld Inspection	I.CA.22_Inspection instructions with magnetic particles D.SAP.25_Magnetic Particle Record	100% of those discontinuities.	AWS D1.1 : Section 8.10 & Table 8.1 (Statically loaded)	Quality Control	D	R				✓		✓		✓	✓			-
4.3	ULTRASONIC INSPECTION																			
4.3.1	Steel plates over 1½ inches thick shall be ultrasonically tested (Straight- Beam) to assure against defects that could lead to lamellar tearing Note: The UT must be done before the first manufacturing process.	ASCE 48-19, Chapter 6, 6.3 WELDED CONNECTIONS, 6.3.3.1, C6.3.3.1 ASTM A435 Straight-Beam Ultrasonic Examination of Steel Plates	I.CA.20_Instruction Manual for Inspection by ultrasound R.CA.17_Ultrasound Inspection Record (Ultrasonic Inspection Straight beam Report)	100% plates over 1½ inches	a) Any indication that causes a total loss of the back wall will be rejected b) Any indication that has the same amplitude of the reflection of the back wall will be rejected and that is contained in a diameter equal to 3" or half the thickness of the plate, whatever is larger. c) If the discontinuity is larger than 75% of the area of the steel slab it is rejected completely, if it is less than 75%, the piece remains under consideration of the use the sound part may be given, as long as the lamination is outside the product to be assembled.	Quality Control	D	R				✓		✓		✓			✓	-
4.3.2	Welds Complete Joint Penetration Welds (CJPs) shall be tested by Ultrasonic Test (UT) method	ASCE 48-19:Section 10.3.5 Weld Inspection -AWS D1.1 Sect. 8.13 Ultrasonic Testing -Sect 8 Part F Ultrasonic Testing of Groove Welds	I.CA.20_ Instruction Manual for Inspection by ultrasound I.CA.32_Instruction manual for ultrasonic inspection for thin thickness D.SAP.24_MII Ultrasonic Record	Every inch (100%) CJP WELDs	AWS D1.1 : Clause 8, Section F or Annex O Section 8.13.1 Ultrasonic Testing Table 8.2 (Statically loaded)	Quality Control	D	R				✓		✓					✓	-
4.3.3	"T" Complete Joint Penetration Welds ("T" CJP Welds) in Galvanized members; such as base plates, flange plates, shall be tested by Ultrasonic Method at 100% of all such joins, not only before, but also after galvanizing to ensure that no cracks have developed. Note: Apply Item 4.2.2 in case of indication by the Ultrasonic Method	ASCE 48-19: Section 10.3.5 Weld Inspection	I.CA.20_Instruction Manual for Inspection by ultrasound R.CA.18_Ultrasonic inspection report D.SAP.24_MII Ultrasonic Record	Every inch (100%) of those "T" CJP Welds	Any crack are unacceptable.	Quality Control	D	R				✓		✓					✓	-
4.3.4	Partial Joint Penetrations Within Longitudinal Seam Welds (PJP Welds): These PJP % shall be accordance with Item 3.1.3	Poleas Group	I.CA.60 Instructive of Ultrasonic inspection for PJP D.SAP.24_MII Ultrasonic Record & I.CA.20_Instruction Manual for Inspection by ultrasound D.SAP.24_MII Ultrasonic Record (After a PJP repair)	As required by Item 3.1.2	PJP % required must be equal to or greater than that indicated.	Quality Control	D	R				✓		✓					✓	-
4.4	FINAL INSPECTION																			
4.4.1	All pole shall be inspected	Poleas Group	Document package contents All inspection reports A.CA.23 Visual aid for Dossier Creation	100% pole	Inspection Records reviewed and accepted	Dossier Department	D	R				✓		✓						-
5	SURFACE PREPARATION																			
5.1	Surface Preparation (Steel structural) (If required)	SSPC-SP 10 Near-White Metal Blast Cleaning	I.PS.01_Sandblast instruction I.CA.25_Instruction manual for the sandblasting process inspection R.CA.62_Sandblast product inspection	100% steel structural	SSPC-SP_10 Near-White Metal Blast Cleaning Surfaces finish and cleanliness shall be confirmed according to SSPC- VIS 1	Production & Inspection	D	R				✓		✓		✓				-
	Surface Preparation (Steel structural with Atmospheric Corrosion Resistance) (If required)	SSPC- SP 6 Commercial Blast Cleaning		100% Steel structural with Atmospheric Corrosion Resistance)	SSPC SP6_Commercial Blast Cleaning Surface must Surfaces finish and cleanliness shall be confirmed according to SSPC- VIS 1	Production & Inspection	D	R				✓		✓		✓				
6	COATING (If applicable)																			
6.1	HOT DIP GALVANIZING																			
6.1.1	Visual Inspection	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. ASTM A123, A143 & A153	P.PI.01_Preparation and Application of Coating Inspection Reports	100% of products	Finish: Continuous, smooth, uniform. Appearance: Free from uncoated area, blisters, flux deposits and gross dross inclusions as well as having no heavy zinc deposits that interference with intended use. Adherence: The entire coating should have a strong adherence throughout the service life of galvanized steel.	Quality Control	D	R				✓		✓		✓				-

TAPP
QUALITY STEEL POLES DELIVERED

INSPECTION AND TEST PLAN

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LEGEND
D- Document
R- Review
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Code:	ITP-Standard-8
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TP: 0

ACTIVITIES

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									Operator	Welder	Supervisor	Inspector	Certified	Documentary	Dimensional	VT	MT	PT	UT	
6.1.2	Measurement of Coating thickness.	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. ASTM A123, section 7.3	P.PI.01 _Preparation and Application of Coating. Reports measurement of Dry coating Thickness	100%	Applicable Standard SSPC: To ensure that the minimum dry film thickness requirements of the coating specification are met.	Quality Control	D	R				✓		✓						-
6.2	METALLIZING (TSC= Thermal Spray Coatings)																			
6.2.1	Surface Preparation	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. SSPC SP5 White Metal Blast Cleaning SSPC-CS 23.00 / NACE No. 12	Surface preparation inspection records P.PI.02_Preparation and Application of Metallizing (Grupo Polesa)	100% poles	SSPC SP5_White Metal Blast Cleaning Surfaces finish and cleanliness shall be confirmed according to SSPC- VIS 1	Production & Inspection	D	R				✓		✓		✓				-
6.2.2	Visual Inspection	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. SSPC-CS 23.00 / NACE No. 12	Visual inspection record P.PI.02_Preparation and Application of Metallizing (Grupo Polesa)	100% poles	Smooth and uniform, no runs, sags, lifting, pinholes or overspray	Production & Inspection	D	R				✓		✓		✓				-
6.2.3	Measurement of total Thickness	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. SSPC-PA 2 Measurement of Dry Coating Thickness with Magnetic Gages	Inspection thickness records P.PI.02_Preparation and Application of Metallizing (Grupo Polesa)	100%	Minimum 5 mils coating Thickness (-20%) Maximum 7 mils coating Thickness (+20%)	Production & Inspection	D	R				✓			✓					-
6.2.4	Adhesion testing (Tensile bond)	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. SSPC-CS 23.00 / NACE No. 12 ASTM D 4541 Test Method for Pull-Off Strength of Coatings	Adhesion testing records P PI.02_Preparation and Application of Metallizing (Grupo Polesa)	1 Specimens every 10 poles.	≥ 500 Psi	Production & Inspection	D	R				✓		✓						A lot is a unit for the production of processed items with the same process parameters and climatic conditions.
6.3	CORROCOTE																			
6.3.1	Visual Inspection	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. Customer Specification Supplier tecnica Data sheet	E.CA.02_Corrocote and UV application specification	100% poles	Smooth and uniform, no runs, sags, lifting, pinholes or overspray	Production & Inspection	D	R				✓		✓		✓				-
6.3.2	Measurement of Dry Coating Thickness	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. SSPC-PA 2 Measurement of Dry Coating Thickness with Magnetic Gages	E.CA.02_Corrocote and UV application specification	100%	20 mils coating Thickness (± 20%) Feathering: Only if required in the Shop Drawings	Production & Inspection	D	R				✓		✓						-
6.3.3	Adhesion testing	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. ASTM D 4541 Test Method for Pull-Off Strength of Coatings	Adhesion testing records	1 Specimens every 10 poles.	Only corrocote ≥2000 Psi metallizing and corrocote ≥ 500 Psi	Production & Inspection	D	R				✓		✓						A lot is a unit for the production of processed items with the same process parameters and climatic conditions.
6.4	UV PROTECTION																			
6.4.1	Visual Inspection	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. Customer Specification Supplier tecnica Data sheet	E.CA.02_Corrocote and UV application specification	100% poles	Smooth and uniform, no runs, sags, lifting, pinholes or overspray	Production & Inspection	D	R				✓		✓		✓				-
6.4.2	Measurement of Dry Coating Thickness	ASCE 48-19, Sect.10.3.4 Surface Coating Inspection. SSPC-PA 2 Measurement of Dry Coating Thickness with Magnetic Gages	E.CA.02_Corrocote and UV application specification	100%	≥3 mils coating Thickness	Production & Inspection	D	R				✓		✓						-
7	SHIPPING AND STORAGE REQUIREMENT																			
7.1	Shipping / Packing Good practice for shipment. comply with carrier regulations and prevent damage or deterioration during handling, shipment and storage of products.	Polesa Group	P.EM.01_Shipping procedure A complete packing list shall be enclosed with all shipments. I.CA.19 Instruction manual for shipping R.CA.22 Shipping record for poles, shafts and ironwork	100%	Supplier shall mark containers or packages with necessary lifting, loading, and shipping information. Note: The R.CA.22 will be send to Customer if are required.	Shipping Department & Inspection	D	R	✓			✓	✓							-

TAPP
QUALITY STEEL POLES. DELIVERED.

2427 Kelly Lane. Houston, Texas 77066
Phone: 281-444-8277 Fax: 281-444-7270
www.tappinc.com

Diversity Qualification Statement

Areas served: National
Year Founded: 1989
Goods/Services: Professional Services, T&D Equipment, T&D Services
Diverse Classification: MBE

Founded in 1989, TAPP is a certified minority owned business located in Houston, TX. Our company is dedicated to manufacturing quality steel structures for the utility industry. TAPP's 1.5 million square foot, ISO 9001-2008 certified, state of the art manufacturing plant combined with our expert engineering and design staff gives the company the flexibility to manufacture or improve your most demanding projects. We can custom design any pole to meet your needs. Our modern inventory and production control systems provide real time scheduling capabilities with competitive lead times.

TAPP is certified as an MBE by the Houston Minority Supplier Development Council and the Supplier Clearing House for the California Public Utilities Commission. In addition, TAPP has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. TAPP provides diversity and equality to all in employment, regardless of their gender, race, ethnic origin, disability, age, nationality, national origin, sexuality, religion or belief, marital status and social class. We oppose all forms of unlawful and unfair discrimination. An atmosphere of civility and mutual respect towards difference is indispensable and enables the free interchange of ideas at TAPP. Selection for employment, promotion, training or any other benefit at TAPP are on the basis of aptitude and ability.

Copies of the following certificates are available on request

TAPP HMSDC Minority Certificate

TAPP HUB Certificate

Supplier Clearinghouse Certificate-MBE

PENAL SUM FORM

BID BOND

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address): Transamerican Power Products, Inc.
25700 I-45 N, Suite 315
Spring, TX 77386

SURETY (Name and Address of Principal Place of Business): Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

Claims Address: Travelers Bond, Attn: Claims
1500 Market Street, W. Tower, Suite 2900
Philadelphia, PA 19102

OWNER (Name and Address): **City of Rochelle**
420 N. 6th Street
Rochelle, IL 61068

BID
Bid Due Date: November 13, 2025
Project: Ritchie to Centerpoint 34.5kV Line - Steel Pole Procurement

BOND
Bond Number: N/A - Bid Bond
Date (Not later than Bid due date): November 13, 2025

Penal sum: Five Percent of the Greatest Amount Bid (Words) — $5% G.A.B. (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

Transamerican Power Products, Inc. Seal
Bidder's Name and Corporate Seal

By: _____
Signature and Title CFO H. URIAR/2

Attest: _____
Signature and Title

SURETY

Travelers Casualty and Surety Company of America Seal
Surety's Name and Corporate Seal

By: _____
Signature and Title David T. Miclette, Attorney-in-Fact
(Attach Power of Attorney)

Attest: _____
Signature and Title Sandra Villegas, Witness

Note: Above addresses are to be used for giving required notice.

PENAL SUM FORM

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Surety's liability.

2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation shall be null and void if:

   3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents,

   3.2. All Bids are rejected by Owner

   3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **DAVID T MICLETTE** of **HOUSTON**, **Texas**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, **2021**.

State of Connecticut

City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, **2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, **2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **13th** day of **November**, **2025**.

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

Non-Collusion Affidavit

The Municipality reserves the right, before any award of contract is made, to require any bidder to whom it may make an award of the Principal Contract, to sign a non-collusion affidavit in the form designated below:

STATE OF Texas

COUNTY OF Spring

I Igor Lubisco, being first duly sworn, deposes and says that he is VP of Strategy and Execution * (sole owner, partner, president, secretary, etc.) of the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any bidder to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Signed: _____

Title: Igor Lubisco | VP of Strategy and Execution

Subscribed and sworn to before me this 12 day of November 20 25

Seal of Notary:

Notary Public _____

Hector M De Uriarte
My Commission Expires
9/19/2028
Notary ID 134814021

* In making out this form, the title that is not applicable should be struck out. For example, if the Contractor is a corporation and this form is to be executed by its president, the words "Sole Owner, a partner, secretary", etc. should be struck out.

THE CITY OF ROCHELLE
Ogle County, Illinois

ORDINANCE
NO. _____

AN ORDINANCE AWARDING A CONTRACT TO TAPP, INC., FOR THE PURCHASE OF STEEL POLES

JOHN BEARROWS, Mayor
ROSE HUERAMO, City Clerk

TOM McDERMOTT
BIL HAYES
KATE SHAW-DICKEY
DAN McDERMOTT
ROSAELIA ARTEAGA
BEN VALDIVIESO
City Council

Published in pamphlet form by authority of the Mayor and City Council of the City of Rochelle
Ottosen DiNolfo Hasenbalg & Castaldo, Ltd. – City Attorneys
2441 Warrenville Road, Suite 310, Lisle, Illinois 60532

ORDINANCE NO: _____

AN ORDINANCE AWARDING A CONTRACT TO TAPP, INC., FOR THE PURCHASE OF STEEL POLES

WHEREAS, Section 7 of Article VII of the 1970 Constitution of the State of Illinois provides that a municipality that is not a home rule unit shall only have the powers granted to them by law and as such the City of Rochelle, Ogle County, Illinois being a non-home rule unit pursuant to the provisions of said Section 7 of Article VII, and may exercise only the powers expressly granted by law; and

WHEREAS, the Illinois General Assembly granted non-home rule municipalities broad authority to "pass all ordinances and make all rules and regulations proper or necessary, to carry into effect the powers granted to municipalities." 65 ILCS 5/1-2-1; and

WHEREAS, while "non-home rule municipalities have the authority to enact ordinances, such ordinances may in no event conflict with state law or prohibit what a state statute expressly permits . . . A local ordinance may impose more rigorous or definite regulations in addition to those enacted by the state legislature so long as they do not conflict with the statute." (*Village of Wauconda v. Hutton,* 291 Ill. App. 3d 1058, 1060 (1997)); and

WHEREAS, Rochelle Municipal Utilities prepared a Request for Proposals ("RFP") to solicit bids for the purchase of steel transmission poles for the Ritchie Road to Centerpoint Line Project; and

WHEREAS, the RFP was publicly advertised according to statutory requirements, and the bid notice was published in the Rochelle News Leader; and;

WHEREAS, the City of Rochelle received and opened three sealed proposals on November 13, 2025; and

WHEREAS, the lowest bid was from MVA Power in the amount of $1,297,702.46, the second lowest bid was from TAPP, Inc., in the amount of $1,475,246.00, and the highest bid was from ROHN Products, in the amount of $2,115,800.00; and

WHEREAS, BHMG conducted a detailed evaluation of the bids received. Their review determined that the lowest bidder MVA Power is based in Canada and the product is manufactured in China. These factors increase risks and concerns about material quality control, shipping reliability and exposure to potential tariff cost fluctuations; and

WHEREAS, the second lowest bidder, TAPP, Inc., has experience supplying steel poles and is considered a reliable vendor; and

WHEREAS, in order to minimize risks, BHMG recommends the City accept the proposal from TAPP, Inc.; and

WHEREAS, the Mayor and City Council find that it is in the best interest of the City and its residents to accept and approve the proposal from the TAPP, Inc., for the purchase of steel transmission poles for the Ritchie Road to Centerpoint Line Project.

BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF ROCHELLE, ILLINOIS:

SECTION ONE: That the City hereby incorporates all of the recitals above into this Ordinance as if fully set forth herein.

SECTION TWO: The Mayor and City Council hereby accept and approve the contract proposal from TAPP, Inc., in the amount of $1,475,246.00 for the purchase of steel transmission poles for the Ritchie Road to Centerpoint Line Project. The City Manager or his designee is authorized to execute any documents necessary to carry out the intent of this Ordinance subject to review and revision by the City Attorney.

SECTION THREE: If any provision of this Ordinance or application thereof to any person or circumstance is ruled unconstitutional or otherwise invalid, such invalidity shall not affect other provisions or applications of this ordinance that can be given effect without the invalid application or provision, and each invalid provision or invalid application of this Ordinance is severable.

SECTION FOUR: Where the conditions imposed by any provisions of this Ordinance are more restrictive than comparable provisions imposed elsewhere in any other local law, ordinance, resolution, rule or regulation, the regulations of this Ordinance will govern.

SECTION FIVE: The City Clerk shall publish this Ordinance in pamphlet form.

SECTION SIX: This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

APPROVED this 12th day of January 2026.

ATTEST:

_____ _____

City Clerk Mayor

STATE OF ILLINOIS)
) SS.
COUNTY OF OGLE)

CERTIFICATE

I, Rose Huéramo, City Clerk of the City of Rochelle, County of Ogle and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Ordinance No. _____, “AN ORDINANCE AWARDING A CONTRACT TO TAPP, INC., FOR THE PURCHASE OF STEEL POLES,” which was adopted by the Mayor and City Council of the City of Rochelle on January 12, 2026.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the City of Rochelle this 12th day of January 2026.

_____
CITY CLERK

File Attachments for Item:

5. A Resolution Approving a Temporary Construction Easement with the Richard R. and Doris J. Kennay Trusts

ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING

SUBJECT: A Resolution Approving a Temporary Construction Easement with Richard and Doris Kennay Trust

Staff Contact: Blake Toliver, Superintendent of Electric Operations

Summary: We are requesting approval to secure a temporary construction easement totaling 4.876 acres for two years from Rick and Doris Kennay to allow for the material storage and construction of the Centerpoint Substation.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
Electric Funds	$10,800,000	$3,900.80

Strategic Plan Goal Application:

Infrastructure Effectiveness & Improvement

Recommendation:

Approve a Resolution Approving a Temporary Construction Easement with Richard and Doris Kennay Trust

110' TEMPORARY CONSTRUCTION EASEMENT

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
(SS
COUNTY OF OGLE)

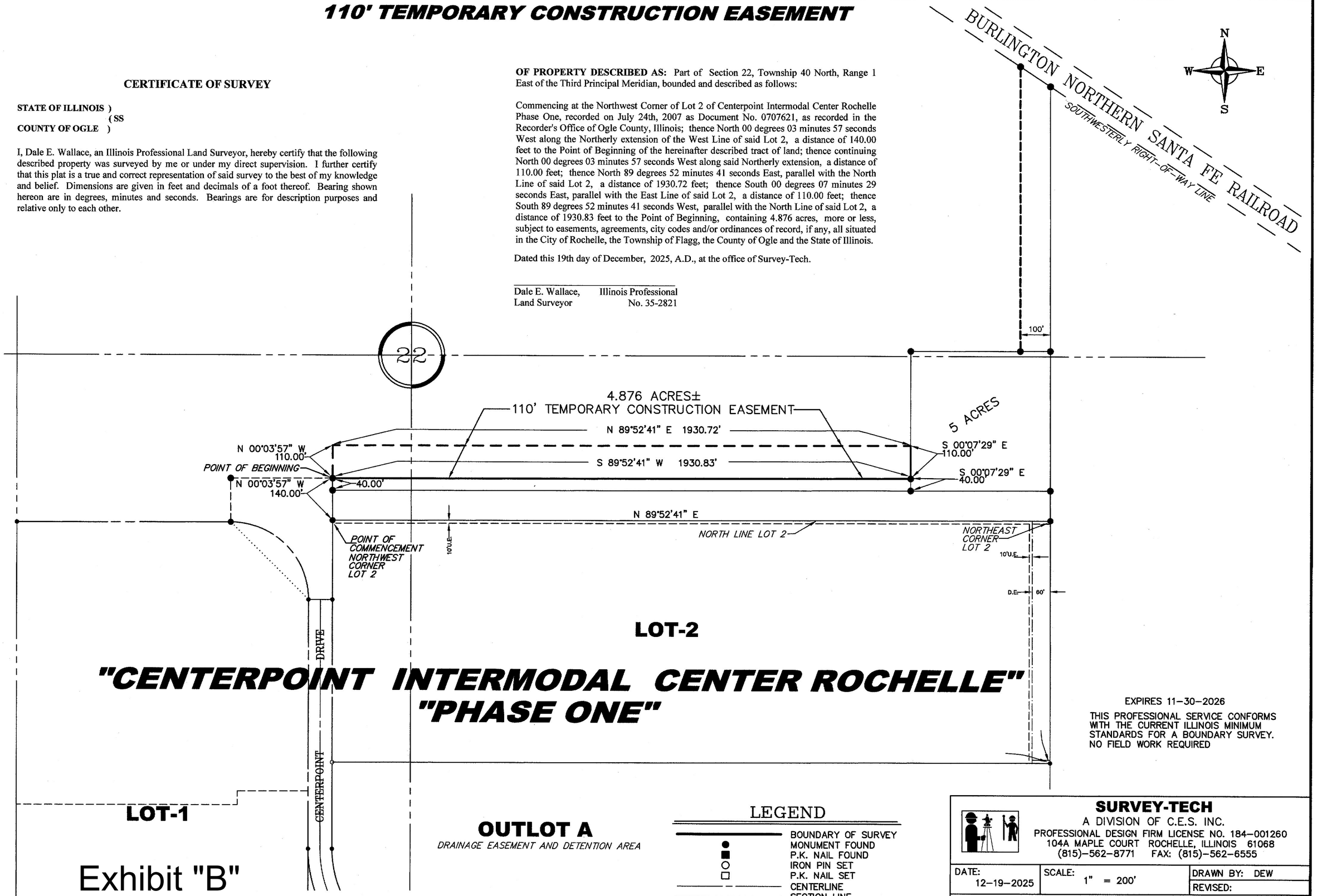
I, Dale E. Wallace, an Illinois Professional Land Surveyor, hereby certify that the following described property was surveyed by me or under my direct supervision. I further certify that this plat is a true and correct representation of said survey to the best of my knowledge and belief. Dimensions are given in feet and decimals of a foot thereof. Bearing shown hereon are in degrees, minutes and seconds. Bearings are for description purposes and relative only to each other.

OF PROPERTY DESCRIBED AS: Part of Section 22, Township 40 North, Range 1 East of the Third Principal Meridian, bounded and described as follows:

Commencing at the Northwest Corner of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, recorded on July 24th, 2007 as Document No. 0707621, as recorded in the Recorder's Office of Ogle County, Illinois; thence North 00 degrees 03 minutes 57 seconds West along the Northerly extension of the West Line of said Lot 2, a distance of 140.00 feet to the Point of Beginning of the hereinafter described tract of land; thence continuing North 00 degrees 03 minutes 57 seconds West along said Northerly extension, a distance of 110.00 feet; thence North 89 degrees 52 minutes 41 seconds East, parallel with the North Line of said Lot 2, a distance of 1930.72 feet; thence South 00 degrees 07 minutes 29 seconds East, parallel with the East Line of said Lot 2, a distance of 110.00 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of said Lot 2, a distance of 1930.83 feet to the Point of Beginning, containing 4.876 acres, more or less, subject to easements, agreements, city codes and/or ordinances of record, if any, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the State of Illinois.

Dated this 19th day of December, 2025, A.D., at the office of Survey-Tech.

Dale E. Wallace, Illinois Professional
Land Surveyor No. 35-2821



"CENTERPOINT INTERMODAL CENTER ROCHELLE"
"PHASE ONE"

Exhibit "B"

OUTLOT A
DRAINAGE EASEMENT AND DETENTION AREA

LEGEND

- BOUNDARY OF SURVEY
- MONUMENT FOUND
- P.K. NAIL FOUND
- IRON PIN SET
- P.K. NAIL SET
- CENTERLINE
- SECTION LINE
- UTILITY EASEMENT LINE (U.E.)
- DRAINAGE EASEMENT (D.E.)
- CITY EASEMENT LINE

EXPIRES 11-30-2026

THIS PROFESSIONAL SERVICE CONFORMS WITH THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. NO FIELD WORK REQUIRED

SURVEY-TECH
A DIVISION OF C.E.S. INC.
PROFESSIONAL DESIGN FIRM LICENSE NO. 184-001260
104A MAPLE COURT ROCHELLE, ILLINOIS 61068
(815)-562-8771 FAX: (815)-562-6555

DATE: 12-19-2025	SCALE: 1" = 200'	DRAWN BY: DEW
		REVISED:

CITY OF ROCHELLE

FB: OGLE-GPS	CITY OF ROCHELLE	FILE NUMBER:
ACAD: S35425	OGLE COUNTY	S354-25

Docusign Envelope ID: AD7C816E-DF35-40FE-B7EF-9874D4349D56

AGREEMENT TO GRANT A
TEMPORARY CONSTRUCTION EASEMENT

THIS AGREEMENT ("Agreement") entered into this ____ day of January, 2026, by and between RICHARD R. KENNAY, TRUSTEE OF THE RICHARD R. KENNAY TRUST UNDER DECLARATION DATED DECEMBER 14, 2005 and **DORIS J. KENNAY, TRUSTEE OF THE DORIS J. KENNAY TRUST UNDER DECLARATION DATED DECEMBER 14, 2005 (hereinafter referred to as the "Kennays") and the CITY OF ROCHELLE, an Illinois municipal corporation (hereinafter referred to as "the City of Rochelle").**

WITNESSETH:

WHEREAS, Kennays are the owners of a parcel of property described as:

Part of Section 22, Township 40 North, Range 1 East of the Third Principal Meridian, bounded and described as follows:

Beginning at the Northwest Corner of the Southeast Quarter of said Section 22; thence North 89 degrees 58 minutes 29 seconds East along the North Line of said Southeast Quarter, a distance of 1671.40 feet; thence South 00 degrees 07 minutes 29 seconds East, a distance of 409.30 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, a subdivision as recorded Plat File D on page 95 as Document No. 0707621 in the Ogle County Recorder's Office, a distance of 1930.83 feet to the Northerly extension of the West Line of said Lot 2; thence South 00 degrees 03 minutes 57 seconds East along said Northerly extension and the West Line of said Lot 2, a distance of 406.33 feet; thence South 89 degrees 56 minutes 03 seconds West, perpendicular to the last described course, a distance of 80.00 feet to the East Line of Lot 1 of said subdivision; thence Northwesterly along said East Line, said line being curved to the left having a radius of 260.00 feet, a central angle of 90 degrees 03 minutes 22 seconds, a chord distance of 367.88 feet and a chord bearing of North 45 degrees 05 minutes 38 seconds West to the termination of said curve; thence South 89 degrees 52 minutes 41 seconds West along the North Line of said Lot 1, a distance of 715.75 feet to the Northwest Corner of said Lot 1, also the West Line of the East-half of the Southwest Quarter of said Section 22; thence North 00 degrees 03 minutes 57 seconds West along said West Line, a distance of 560.34 feet to the Northwest Corner of the East-half of said Southwest Quarter; thence North 89 degrees 58 minutes 29 seconds East along the North Line of said Southwest Quarter, a distance of 1315.01 feet to

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the Point of Beginning, containing 32.587 acres, more or less, subject to easements, agreements, city codes and/or ordinances of record, if any, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the State of Illinois.

P.I.N.: 24-22-400-016; and

WHEREAS, the City of Rochelle owns the property immediately adjacent to the Kennays' property and is desirous of improving its property at no cost or expense to the Kennays. The adjacent property owned by the City of Rochelle is legally described as:

Part of Section 22, Township 40 North, Range 1 East of the Third Principal Meridian, bounded and described as follows:

Commencing at the Northeast Corner of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, recorded on July 24th, 2007 as Document No. 0707621, as recorded in the Recorder's Office of Ogle County, Illinois; thence North 00 degrees 07 minutes 29 seconds West along the Northerly extension of the East Line of said Lot 2, a distance of 100.00 feet to the Point of Beginning of the hereinafter described tract of land; thence continuing North 00 degrees 07 minutes 29 seconds West along said Northerly extension, a distance of 466.69 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of said Lot 2, a distance of 466.69 feet; thence South 00 degrees 07 minutes 29 seconds East, parallel with the East Line of said Lot 2, a distance of 466.69 feet; thence North 89 degrees 52 minutes 41 seconds East, parallel with the North Line of said Lot 2, a distance of 466.69 feet to the Point of Beginning, containing 5.000 acres, more or less, subject to easements, agreements, city codes and/or ordinances of record, if any, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the State of Illinois.

P.I.N.: 24-22-400-018; and

WHEREAS, the City of Rochelle has requested from Kennays and Kennays have agreed to grant to the City of Rochelle a Temporary Construction Easement ("Easement") on, over, below and across a portion of Kennays' property, situated in the City of Rochelle, County of Ogle, State of Illinois, to be used for general access and use, and the storage of construction equipment and materials used in the construction of an electrical substation. The parameters of the Easement area are more particularly described on Exhibit "A" attached hereto and depicted on the survey attached hereto as Exhibit "B." Both Exhibit "A" and Exhibit "B" are incorporated into this Agreement and made a part hereof; and

WHEREAS, Kennays and the City of Rochelle have reached an agreement whereby the City of Rochelle will pay to Kennays the sum of $400.00 per acre per year for the use of the 4.876 acre Easement. The total annual payment amount shall be $1,950.40. The City of Rochelle shall tender the first annual payment on or before March 1, 2026. The City of Rochelle shall tender the second annual payment on or before March 1, 2027. If construction of the substation is not completed by March 1, 2028, the Easement shall be renewable for an additional year at the same annual payment amount of $1,950.40 payable on or before March 1, 2028.

The Easement shall be recorded with the Recorder of Deeds of Ogle County, Illinois by

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the City of Rochelle at the City of Rochelle's expense and shall include the following provisions:

1. *Construction and Installation.* The City of Rochelle shall perform, at its sole cost and expense, any improvements necessary for the use of the Easement as defined herein, and any preparation and replacement to restore Kennays' property after the expiration of the Easement. The City of Rochelle shall complete construction of the substation contemplated under this agreement as expeditiously as possible.

2. *Restriction of Use*: The Easement is granted solely for temporary construction-related purposes in connection with improvements to the City of Rochelle's adjacent property described herein, including, but not limited to storage and staging of construction materials, equipment, and supplies; temporary placement of construction vehicles and machinery; and access reasonably necessary for the foregoing purposes. No permanent structures shall be constructed within the Easement area.

3. *Indemnity*. The City of Rochelle hereby expressly agrees to defend, hold harmless and indemnify Kennays from and against any and all claims, costs, damages, expenses, judgments and liability resulting from the acts and work performed pursuant to the Easement.

4. *Successors and Assigns*. All of the provisions, conditions and covenants of the Easement shall run with the land and be binding upon, and inure to the benefit of, the parties hereto and all their respective heirs, executors, successors and assigns, provided however this Easement shall terminate on March 1, 2028 or upon completion of the construction of the electrical substation, whichever is later.

5. *Governing Law*. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois.

6. *Time of the Essence:* Timely performance of the agreements and covenants contained here are of the essence.

7. *Validity; Severability***.** In the event that any provision of this Agreement is found to be partially or wholly invalid or unenforceable, such provision shall be so modified or restricted to the extent and in the manner necessary to render such provision valid and enforceable. If such provision cannot under any circumstances be modified or restricted, it shall be excised from this Agreement without affecting the validity or enforceability of the remaining provisions of this Agreement.

8. *Integration Clause; Waiver***:** This Agreement constitutes the entire Agreement and supersedes all prior agreements and understandings, oral or written, between the parties with respect to the subject matter of this Agreement.

Docusign Envelope ID: AD7C816E-DF35-40FE-B7EF-9874D4349D56

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

RICHARD R. KENNAY TRUST DATED DECEMBER 14, 2005

Signed by:
By:_____
D0BE2E7FEE99428...
Richard R. Kennay, Trustee

CITY OF ROCHELLE

By:_____
Jeffrey Fiegenschuh, City Manager

DORIS J. KENNAY TRUST DATED DECEMBER 14, 2005

Signed by:
By:_____
A4E8264DC55A4C2...
Doris J. Kennay, Trustee

STATE OF ILLINOIS)
) SS
OGLE COUNTY)

The undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY that RICHARD R. KENNAY, DORIS J. KENNAY, JEFFREY FIEGENSCHUH, and ROSE HUERAMO are personally known to me as the same persons whose names subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he/she/they signed, sealed and delivered the said Instrument as his/her/their free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and Notarial Seal, this day of _____, 2026.

_____
Notary Public

Document prepared by:
Hewitt & Wagner
1124 Lincoln Highway
Rochelle, IL 61068

And Return to:
City of Rochelle
Attn: City Clerk
420 N. 6th Street
Rochelle, IL 61068

Docusign Envelope ID: AD7C816E-DF35-40FE-B7EF-9874D4349D56

EXHIBIT "A"

Temporary Construction Easement Area

Part of section 22, Township 40 N, Range 1 East of the Third principal Meridian, bounded and described as follows: Commencing at the Northwest Corner of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, recorded on July 24, 2007 as Document No. 0707621, as recorded in the Recorders Office of Ogle County Illinois; thence North 00 degrees 03 minutes 57 seconds West along the Northerly extension of the West line of said Lot 2, A distance of 140.00 feet to the point of beginning of the hereinafter described tract of land; thence continuing North 00 degrees 03 minutes 57 seconds West along the Northerly extension, a distance of 110.00 feet; thence North 89 degrees 52 minutes 41 seconds East, parallel with the North Line of said lot 2, a distance of 1930.72 feet; thence South 00 degrees 07 minutes 29 seconds East, parallel with the East Line of said Lot 2, a distance of 110.00 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of said Lot 2, a distance of 1930.83 feet to the Point of Beginning, Containing 4.876 acres, more or less, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the state of Illinois.

P.I.N.: Part of 024-22-400-016

Docusign Envelope ID: AD7C816E-DF35-40FE-B7EF-9874D4349D56

Temporary Construction Agreement

- Purpose: Lay down Yard and area for construction materials for the new substation being built adjacent to this easement on property owned by the City of Rochelle
- Land Owner: Richard R & Doris J Kennay, Trustee's
- Tennant: City of Rochelle
- Location: Part of Parcel 24-22-400-016 (Legal to follow per Survey Tech)
- Timeframe: 2 Years, with the first year starting on the date the agreement is signed and runs through December 31st 2026 – The second year runs January 1, 2027 through December 31st, 2027
- Payment: $400.00 per surveyed acre (Estimated 5 Acres, Legal to follow)
- Payment Schedule:
  Payment for 2026 = March 1st, 2026
  Payment for 2027 = March 1st, 2027

THE CITY OF ROCHELLE
Ogle County, Illinois

RESOLUTION
NO. _____

A RESOLUTION APPROVING A TEMPORARY CONSTRUCTION EASEMENT WITH THE RICHARD R. AND DORIS J. KENNAY TRUSTS

JOHN BEARROWS, Mayor
ROSE HUERAMO, City Clerk

TOM McDERMOTT
BIL HAYES
KATE SHAW-DICKEY
DAN McDERMOTT
ROSAELIA ARTEAGA
BEN VALDIVIESO

City Council

Published in pamphlet form by authority of the Mayor and City Council of the City of Rochelle
Ottosen, DiNolfo, Hasenbalg & Castaldo, Ltd., City Attorneys
2441 Warrenville Road, Suite 310, Lisle, Illinois 60532

CITY OF ROCHELLE
Ogle County, Illinois

RESOLUTION NO. _____

A RESOLUTION APPROVING A TEMPORARY CONSTRUCTION EASEMENT WITH THE RICHARD R. AND DORIS J. KENNAY TRUSTS

WHEREAS, Section 7 of Article VII of the 1970 Constitution of the State of Illinois provides that a municipality that is not a home rule unit shall only have the powers granted to them by law and as such the City of Rochelle ("City"), Ogle County, Illinois being a non-home rule unit pursuant to the provisions of said Section 7 of Article VII, and may exercise only the powers expressly granted by law; and

WHEREAS, the Illinois General Assembly granted non-home rule municipalities broad authority to "pass all ordinances and make all rules and regulations proper or necessary, to carry into effect the powers granted to municipalities." 65 ILCS 5/1-2-1; and

WHEREAS, while "non-home rule municipalities have the authority to enact ordinances, such ordinances may in no event conflict with state law or prohibit what a state statute expressly permits . . . A local ordinance may impose more rigorous or definite regulations in addition to those enacted by the state legislature so long as they do not conflict with the statute." (*Village of Wauconda v. Hutton,* 291 Ill. App. 3d 1058, 1060 (1997)); and

WHEREAS, as part of the construction of the Centerpoint Substation, Rochelle Municipal Utilities ("RMU"), needs access and use of a portion of property identified as PIN: 024-22-400-016 ("Subject Property"); and

WHEREAS, the Owners (The Richard R. and Doris J Kennay Trusts) have agreed to enter into a temporary easement agreement to allow RMU to access and utilize the Subject Property in exchange for a payment of $3,900.80 (a copy of which is attached herein as Exhibit 1); and

WHEREAS, a survey regarding proposed easement agreement is attached herein as Exhibit 2; and

WHEREAS, the Mayor and the City Council of the City of Rochelle hereby find it to be in the best interest of the City to authorize payment in the amount of $3,900.80 and enter into the Temporary Easement Agreement attached herein as Exhibit 1 with the Richard R. and Doris J. Kennay Trusts.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROCHELLE, OGLE COUNTY, ILLINOIS:

SECTION ONE: That City hereby incorporates all of the recitals above into this Resolution as if fully set forth herein.

SECTION TWO: The City hereby authorizes the City Manager to execute an Easement Agreement with the Richard R. Kennay and Doris J. Kennay Trusts, in substantially the same form as attached hereto as Exhibit 1, subject to final review by the City Attorney. Furthermore, in consideration of the temporary easement agreement, the City authorizes payment to the Richard R. Kennay and Doris J. Kennay Trusts in the amount of $3,900.80.

SECTION THREE: If any provision of this Resolution or application thereof to any person or circumstance is ruled unconstitutional or otherwise invalid, such invalidity shall not affect other provisions or applications of this Resolution that can be given effect without the invalid application or provision, and each invalid provision or invalid application of this Resolution is severable.

SECTION FOUR: Where the conditions imposed by any provisions of this Resolution are more restrictive than comparable provisions imposed elsewhere in any other local law, ordinance, resolution, rule or regulation, the regulations of this Resolution will govern.

SECTION FIVE: The City Clerk shall publish this Resolution in pamphlet form.

SECTION SIX: This Resolution shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

APPROVED this 12th day of January 2026.

MAYOR _____

ATTEST:

_____
CITY CLERK

STATE OF ILLINOIS)
) SS.
COUNTY OF OGLE)

CERTIFICATE

I, Rose Huéramo, City Clerk of the City of Rochelle, County of Ogle and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. _____, “A RESOLUTION APPROVING A TEMPORARY CONSTRUCTION EASEMENT WITH THE RICHARD R. AND DORIS J. KENNAY TRUSTS” which was adopted by the Mayor and City Council of the City of Rochelle on January 12, 2026.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the City of Rochelle 12th day of January 2026.

_____
CITY CLERK

EXHIBIT 1

TEMPORARY CONSTRUCTION EASEMENT

THIS GRANT OF A TEMPORARY CONSTRUCTION EASEMENT ("Easement") made as of the ____ day of January, 2026, by and between RICHARD R. KENNAY, TRUSTEE OF THE RICHARD R. KENNAY TRUST UNDER DECLARATION DATED DECEMBER 14, 2005, as to an undivided one-half (½) interest, and **DORIS J. KENNAY, TRUSTEE OF THE DORIS J. KENNAY TRUST UNDER DECLARATION DATED DECEMBER 14, 2005,** as to an undivided one-half (½) interest **(hereinafter referred to as the "Grantor") and the CITY OF ROCHELLE, an Illinois municipal corporation (hereinafter referred to as the "Grantee").**

WITNESSETH:

WHEREAS, the undersigned Grantor is the owner of a parcel of property described as:

Part of Section 22, Township 40 North, Range 1 East of the Third Principal Meridian, bounded and described as follows:

Beginning at the Northwest Corner of the Southeast Quarter of said Section 22; thence North 89 degrees 58 minutes 29 seconds East along the North Line of said Southeast Quarter, a distance of 1671.40 feet; thence South 00 degrees 07 minutes 29 seconds East, a distance of 409.30 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, a subdivision as recorded Plat File D on page 95 as Document No. 0707621 in the Ogle County Recorder's Office, a distance of 1930.83 feet to the Northerly extension of the West Line of said Lot 2; thence South 00 degrees 03 minutes 57 seconds East along said Northerly extension and the West Line of said Lot 2, a distance of 406.33 feet; thence

South 89 degrees 56 minutes 03 seconds West, perpendicular to the last described course, a distance of 80.00 feet to the East Line of Lot 1 of said subdivision; thence Northwesterly along said East Line, said line being curved to the left having a radius of 260.00 feet, a central angle of 90 degrees 03 minutes 22 seconds, a chord distance of 367.88 feet and a chord bearing of North 45 degrees 05 minutes 38 seconds West to the termination of said curve; thence South 89 degrees 52 minutes 41 seconds West along the North Line of said Lot 1, a distance of 715.75 feet to the Northwest Corner of said Lot 1, also the West Line of the East-half of the Southwest Quarter of said Section 22; thence North 00 degrees 03 minutes 57 seconds West along said West Line, a distance of 560.34 feet to the Northwest Corner of the East-half of said Southwest Quarter; thence North 89 degrees 58 minutes 29 seconds East along the North Line of said Southwest Quarter, a distance of 1315.01 feet to the Point of Beginning, containing 32.587 acres, more or less, subject to easements, agreements, city codes and/or ordinances of record, if any, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the State of Illinois.

P.I.N.: 24-22-400-016; and

WHEREAS, the undersigned Grantee owns the property immediately adjacent to the Grantor's property and is desirous of improving its property at no cost or expense to the Grantor. The adjacent property owned by Grantee is legally described as:

Part of Section 22, Township 40 North, Range 1 East of the Third Principal Meridian, bounded and described as follows:

Commencing at the Northeast Corner of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, recorded on July 24th, 2007 as Document No. 0707621, as recorded in the Recorder's Office of Ogle County, Illinois; thence North 00 degrees 07 minutes 29 seconds West along the Northerly extension of the East Line of said Lot 2, a distance of 100.00 feet to the Point of Beginning of the hereinafter described tract of land; thence continuing North 00 degrees 07 minutes 29 seconds West along said Northerly extension, a distance of 466.69 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of said Lot 2, a distance of 466.69 feet; thence South 00 degrees 07 minutes 29 seconds East, parallel with the East Line of said Lot 2, a distance of 466.69 feet; thence North 89 degrees 52 minutes 41 seconds East, parallel with the North Line of said Lot 2, a distance of 466.69 feet to the Point of Beginning, containing 5.000 acres, more or less, subject to easements, agreements, city codes and/or ordinances of record, if any, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the State of Illinois.

P.I.N.: 24-22-400-018; and

WHEREAS, Grantor is desirous of granting to Grantee a temporary construction easement to be used for general access and use and the storage of construction equipment and materials used in the construction of an electrical substation.

NOW THEREFORE, in consideration of One and No/100 Dollar ($1.00) in hand paid by Grantee, the receipt of which is hereby acknowledged by Grantor, and other good and valuable consideration, including the mutual promises and covenants as set forth below, the parties do hereby agree as follows:

1. *Grant of Temporary Construction Easement.* Grantor hereby grants to Grantee a temporary construction easement ("Easement") on, over, below and across a portion of Grantor's property, situated in the City of Rochelle, County of Ogle, State of Illinois, which Easement's area is more particularly described on Exhibit "A" attached hereto and depicted on the survey attached hereto as Exhibit "B." Both Exhibit "A" and Exhibit "B" are incorporated into this Easement and made a part hereof.

2. *Construction and Installation*. Grantee shall perform, at its sole cost and expense, any improvements necessary for the use of the Easement as defined herein, and any preparation and replacement to restore Grantor's property after the expiration of this Easement and Grantee shall complete construction of the substation contemplated under this agreement as expeditiously as possible.

3. *Restriction of Use*: The Easement is granted solely for temporary construction-related purposes in connection with improvements to the Grantee's adjacent property described herein, including, but not limited to storage and staging of construction materials, equipment, and supplies; temporary placement of construction vehicles and machinery; and access reasonably necessary for the foregoing purposes. No permanent structures shall be constructed within the Easement area.

4. *Indemnity*. Grantee hereby expressly agrees to defend, hold harmless and indemnify Grantor from and against any and all claims, costs, damages, expenses, judgments and liability resulting from the acts and work performed pursuant to this Easement.

5. *Successors and Assigns*. All of the provisions, conditions and covenants of this Easement shall run with the land and be binding upon, and inure to the benefit of, the parties hereto and all their respective heirs, executors, successors and assigns, provided however this Easement shall terminate on _____, 20____ or upon completion of the construction of the electrical substation, whichever is later.

6. *Governing Law*. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois.

7. *Recordation*. This Agreement shall be recorded with the Recorder of Deeds of Ogle County, Illinois by Grantee at Grantee's expense.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

RICHARD R. KENNAY TRUST DATED DECEMBER 14, 2005, GRANTOR

By:_____
Richard R. Kennay, Trustee

CITY OF ROCHELLE, GRANTEE

By:_____
Jeffrey Fiegenschuh, City Manager

DORIS J. KENNAY TRUST DATED DECEMBER 14, 2005, GRANTOR

By:_____
Doris J. Kennay, Trustee

By:_____
Rose Hueramo, City Clerk

STATE OF ILLINOIS)
) SS
OGLE COUNTY)

The undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY that RICHARD R. KENNAY, DORIS J. KENNAY, JEFFREY FIEGENSCHUH, and ROSE HUERAMO are personally known to me as the same persons whose names subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he/she/they signed, sealed and delivered the said Instrument as his/her/their free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and Notarial Seal, this day of _____, 2026.

_____
Notary Public

Document prepared by:
Hewitt & Wagner
1124 Lincoln Highway
Rochelle, IL 61068

And Return to:
City of Rochelle
Attn: City Clerk
420 N. 6th Street
Rochelle, IL 61068

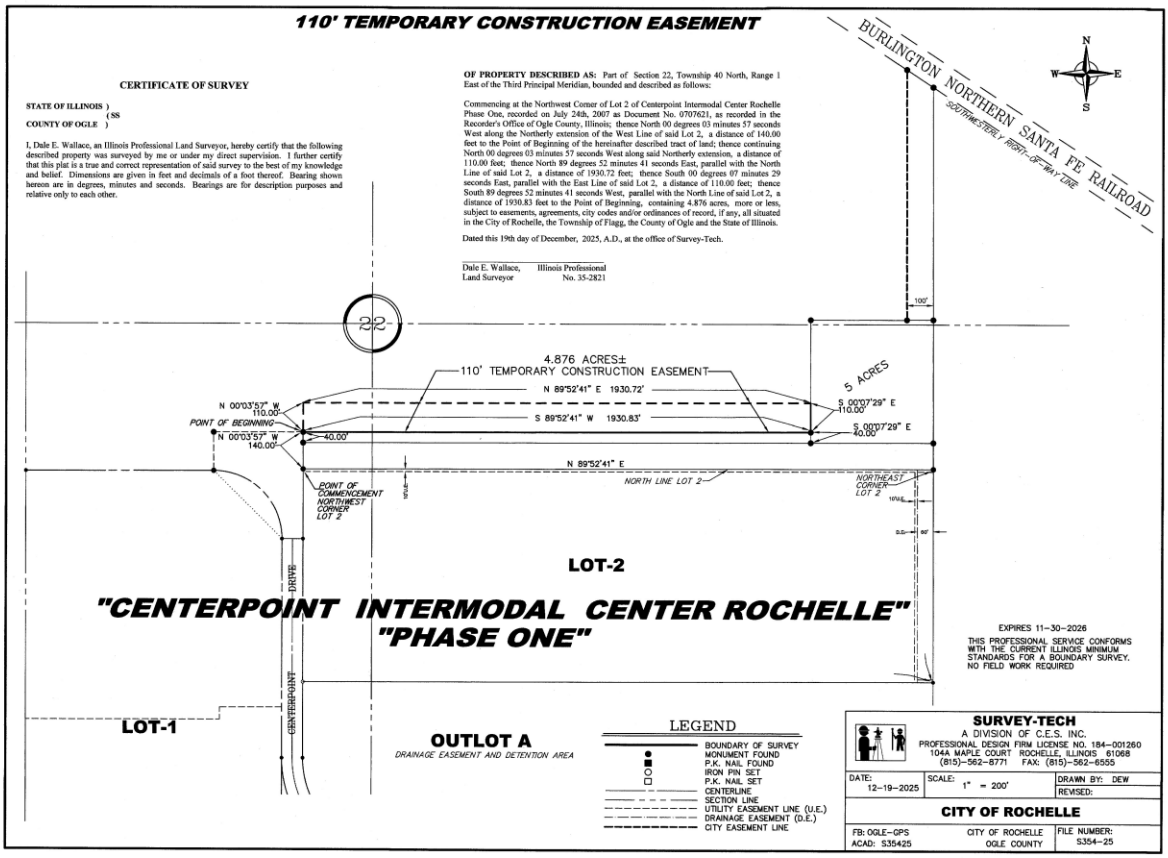
EXHIBIT "A"

Temporary Construction Easement Area

Part of section 22, Township 40 N, Range 1 East of the Third principal Meridian, bounded and described as follows: Commencing at the Northwest Corner of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, recorded on July 24, 2007 as Document No. 0707621, as recorded in the Recorders Office of Ogle County Illinois; thence North 00 degrees 03 minutes 57 seconds West along the Northerly extension of the West line of said Lot 2, A distance of 140.00 feet to the point of beginning of the hereinafter described tract of land; thence continuing North 00 degrees 03 minutes 57 seconds West along the Northerly extension, a distance of 110.00 feet; thence North 89 degrees 52 minutes 41 seconds East, parallel with the North Line of said lot 2, a distance of 1930.72 feet; thence South 00 degrees 07 minutes 29 seconds East, parallel with the East Line of said Lot 2, a distance of 110.00 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of said Lot 2, a distance of 1930.83 feet to the Point of Beginning, Containing 4.876 acres, more or less, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the state of Illinois.

P.I.N.: Part of 024-22-400-016

EXHIBIT 2


110' TEMPORARY CONSTRUCTION EASEMENT
CERTIFICATE OF SURVEY
STATE OF ILLINOIS)
(SS
COUNTY OF OGLE)
I, Dale E. Wallace, an Illinois Professional Land Surveyor, hereby certify that the following described property was surveyed by me or under my direct supervision. I further certify that this plat is a true and correct representation of said survey to the best of my knowledge and belief. Dimensions are given in feet and decimals of a foot thereof. Bearing shown hereon are in degrees, minutes and seconds. Bearings are for description purposes and relative only to each other.
OF PROPERTY DESCRIBED AS: Part of Section 22, Township 40 North, Range 1 East of the Third Principal Meridian, bounded and described as follows:
Commencing at the Northwest Corner of Lot 2 of Centerpoint Intermodal Center Rochelle Phase One, recorded on July 24th, 2007 as Document No. 0707621, as recorded in the Recorder's Office of Ogle County, Illinois; thence North 00 degrees 03 minutes 57 seconds West along the Northerly extension of the West Line of said Lot 2, a distance of 140.00 feet to the Point of Beginning of the hereinafter described tract of land; thence continuing North 00 degrees 03 minutes 57 seconds West along said Northerly extension, a distance of 110.00 feet; thence North 89 degrees 52 minutes 41 seconds East, parallel with the North Line of said Lot 2, a distance of 1930.72 feet; thence South 00 degrees 07 minutes 29 seconds East, parallel with the East Line of said Lot 2, a distance of 110.00 feet; thence South 89 degrees 52 minutes 41 seconds West, parallel with the North Line of said Lot 2, a distance of 1930.83 feet to the Point of Beginning, containing 4.876 acres, more or less, subject to easements, agreements, city codes and/or ordinances of record, if any, all situated in the City of Rochelle, the Township of Flagg, the County of Ogle and the State of Illinois.
Dated this 19th day of December, 2025, A.D., at the office of Survey-Tech.
Dale E. Wallace, Illinois Professional Land Surveyor No. 35-2821
BURLINGTON NORTHERN SANTA FE RAILROAD
SOUTHERLY RIGHT-OF-WAY LINE
N
W
E
S
22
4.876 ACRES±
110' TEMPORARY CONSTRUCTION EASEMENT
N 89°52'41" E 1930.72'
S 89°52'41" W 1930.83'
5 ACRES
S 00°07'29" E 110.00'
S 00°07'29" E 40.00'
N 00°03'57" W 110.00'
POINT OF BEGINNING
N 00°03'57" W 140.00'
40.00'
N 89°52'41" E
NORTH LINE LOT 2
POINT OF COMMENCEMENT NORTHWEST CORNER LOT 2
NORTHEAST CORNER LOT 2
100'
LOT-2
"CENTERPOINT INTERMODAL CENTER ROCHELLE"
"PHASE ONE"
DRIVE
CENTERPOINT
LOT-1
OUTLOT A
DRAINAGE EASEMENT AND DETENTION AREA
EXPIRES 11-30-2026
THIS PROFESSIONAL SERVICE CONFORMS WITH THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. NO FIELD WORK REQUIRED
LEGEND
BOUNDARY OF SURVEY
MONUMENT FOUND
P.K. NAIL FOUND
IRON PIN SET
P.K. NAIL SET
CENTERLINE
SECTION LINE
UTILITY EASEMENT LINE (U.E.)
DRAINAGE EASEMENT (D.E.)
CITY EASEMENT LINE
SURVEY-TECH
A DIVISION OF C.E.S. INC.
PROFESSIONAL DESIGN FIRM LICENSE NO. 184-001260
104A MAPLE COURT ROCHELLE, ILLINOIS 61068
(815)-562-8771 FAX: (815)-562-8555
DATE: 12-19-2025
SCALE: 1" = 200'
DRAWN BY: DEW
REVISED:
CITY OF ROCHELLE
FB: OGLE-GPS
ACAD: S35425
CITY OF ROCHELLE
OGLE COUNTY
FILE NUMBER: S354-25

File Attachments for Item:

6. An Ordinance Modifying the City's Administrative Procedures for Assessing and Determining Claims Under PSEBA

ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING

SUBJECT: A Motion to modify the PSEBA ordinance established October 10th, 2017.

Staff Contact: Jillian Condon, Human Resource Director

Background

The City's current ordinance requires a formal hearing as part of the process for determining eligibility for benefits under the Public Safety Employee Benefits Act (PSEBA). This requirement was established at a time when statutory guidance and relevant case law were more limited.

Since the adoption of the ordinance, substantial case law has developed, and the PSEBA statute itself has been amended. These changes provide clearer legal standards and procedural direction for evaluating PSEBA claims.

Analysis

Given the expanded statutory framework and established case law, the hearing requirement contained in the ordinance is now redundant. Maintaining this requirement results in additional administrative steps and legal costs without providing added legal protection or benefit to the City or applicants.

Updating the ordinance to align with current law would streamline the PSEBA application process while remaining compliant with statutory requirements and judicial guidance.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:

Strategic Plan Goal Application:

Streamlining resources for optimal fiscal management.

Recommendation: Approve a Motion to modify the PSEBA ordinance established October 10th, 2017, amending the ordinance to remove the mandatory hearing requirement for PSEBA determinations. This update would reduce unnecessary use of City resources and improve efficiency in processing PSEBA applications, while continuing to ensure fair and legally compliant evaluations.

THE CITY OF ROCHELLE
Ogle County, Illinois

ORDINANCE
NO. _____

AN ORDINANCE MODIFYING THE CITY'S ADMINISTRATIVE PROCEDURES FOR ASSESSING AND DETERMING CLAIMS UNDER PSEBA

JOHN BEARROWS, Mayor
ROSE HUERAMO, City Clerk

TOM McDERMOTT
BIL HAYES
KATE SHAW-DICKEY
DAN McDERMOTT
ROSAELIA ARTEAGA
BEN VALDIVIESO

City Council

Published in pamphlet form by authority of the Mayor and City Council of the City of Rochelle
Prepared by Attorney Deanna Rosenbaum Hall

CITY OF ROCHELLE
Ogle County, Illinois

ORDINANCE NO. _____

AN ORDINANCE MODIFYING THE CITY'S ADMINISTRATIVE PROCEDURES FOR ASSESSING AND DETERMING CLAIMS UNDER PSEBA

WHEREAS, Section 7 of Article VII of the 1970 Constitution of the State of Illinois provides that a municipality that is not a home rule unit shall only have the powers granted to them by law and as such the City of Rochelle, Ogle County, Illinois ("City") being a non-home rule unit pursuant to the provisions of said Section 7 of Article VII, and may exercise only the powers expressly granted by law; and

WHEREAS, the City of Rochelle, through Ordinance Number 17-4747, had previously established an Administrative Procedure for assessing and determining claims under the Illinois Public Safety Employees Benefit Act, ("PSEBA") (820 ILCS 320/1, et seq.); and

WHEREAS, the City has determined that the previously adopted procedure is unduly burdensome on both PSEBA applicants and the City; and

WHEREAS, the Mayor and City Council find that it is in the best interest of the City and its residents to adopt the following modified procedures; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROCHELLE, OGLE COUNTY, ILLINOIS, AS FOLLOWS:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Ordinance as fully as if completely repeated at length herein.

Section 2: That any reference in Ordinance 17-4747 which would require review of a PSEBA applicant's eligibility for benefits through an Administrative Hearing is now considered null and void.

Section 3: That the previously created PSEBA application procedures found in Ordinance 17-4747 be amended by deleting the following crossed-out language from Section Four, subparts F and G:

~~F. Upon receipt of a complete application for PSEBA benefits, the City shall set the matter for an administrative hearing before a hearing officer to make a determination on whether to grant the Applicant PSEBA benefits based on the result of the administrative hearing.~~

~~G. The Applicant will be given written notice of the date for the scheduled administrative hearing to be served not less than ten (10) days prior to the commencement of the hearing. If the Applicant, upon receiving written notice of the administrative hearing, cannot attend said date, the Applicant must contact the hearing officer in writing within seven (7) days after being served. The hearing officer shall establish an alternative hearing date which is within thirty (30) days of the original hearing date. Failure to appear at the administrative hearing shall result in denial of PSEBA benefits.~~

Section 4: That the previously created PSEBA application procedures found in Ordinance 17-4747 be amended by adding the following underlined language to Section 4:

F. Upon receipt of the complete application for PSEBA benefits, the City Manager shall review the application and decide whether to grant the Applicant PSEBA benefits.

G. The City Manager shall review the application and determine the Applicant's eligibility for the award of PSEBA benefits within fifteen (15) business days of receipt of a complete application. The City Manager shall provide the Applicant with a written determination of eligibility. The City Manager's written decision shall be deemed a final administrative decision under the Administrative Review Law (735 ILCS 5/3-101 et seq.), as amended.

H. Should the City Manager determine additional information regarding the circumstances surrounding the incident giving rise to the injury are needed, he or she is hereby authorized to request additional information from the PSEBA Applicant within fifteen (15) days of receipt of an application. In doing so, the City Manager shall make a request for additional information in writing, allowing a reasonable amount of time for the Applicant to respond to such request, and designating such deadline in the request. Should the City Manager request additional information, he or she will make a determination regarding benefits within fifteen (15) days of receipt of the Applicant's supplemental documentation.

Section 5: That the previously created PSEBA application procedures found in Ordinance 17-4747 be amended by deleting all the language from Sections Five and Six, including all of the following crossed-out words:

~~SECTION FIVE: ADMINISTRATIVE COMPOSITION. The administrative hearing shall be scheduled and conducted by a hearing officer whose authority and limitations are as follows:~~

~~A. Authority of the hearing officer. The hearing officer shall have all of the authorities granted to her/him under common law relative to the conduct of an administrative hearing, including the authority to:~~

1. Preside over City hearings involving PSEBA;

2. Administer oaths;

3. Hear testimony and accept evidence that is relevant to the issue of eligibility under PSEBA;

4. Issue subpoenas to secure attendance of witnesses and the production of relevant papers or documents upon the request of the parties or their representatives;

5. Rule upon objections in the admissibility of evidence;

6. Preserve and authenticate the record of the hearing and all exhibits in evidence introduced at the hearing; and

7. Issue a determination based on the evidence presented at the hearing, the determination of which shall be in writing and shall include a written finding of fact, decision and order.

B. Hearing officer. The Mayor, with the advice and consent of the City Council, is hereby authorized to appoint a person to hold the position of hearing officer for each hearing on PSEBA benefits that shall come before this City. In making said selection, the following information should be considered, at a minimum:

1. The individual' s ability to comply with the job description as set forth herein; and the individual must be an attorney licensed to practice law in the State of Illinois and have knowledge of and experience in employment and labor law, general civil procedure, the rules of evidence, and administrative practice.

SECTION SIX: ADMINISTRATIVE HEARING. The system of administrative hearings for the determination of eligibility for benefits under PSEBA shall be initiated either by the City or by the Applicant after the submission of a full and complete PSEBA application. An administrative hearing shall be held to adjudicate and determine whether the Applicant is eligible for benefits under PSEBA. If the Applicant is found eligible, the benefits shall be consistent with the Act.

A. Record. The City shall ensure that all hearings are attended by a certified court reporter and a transcript of all proceedings shall be made by said certified court reporter and a copy be provided to the Applicant within twenty- eight (28) days of the date of the administrative hearing.

B. Procedures. The City and the Applicant shall be entitled to representation by counsel at said administrative hearing and present witnesses, testimony and documents, may cross examine opposing witnesses, and may request the issuance of subpoenas to compel the appearance of relevant witnesses or the production of relevant documents.

C. Evidence. The Illinois Rules of Evidence shall apply to the extent practicable unless, by such application, the Hearing Officer determines that application of the rule would be an injustice or preclude the introduction of evidence of the type commonly relied upon by a reasonably prudent person in the conduct of her or his affairs. Such determination shall be in the sole discretion of the Hearing Officer. The Hearing Officer must state on the record her or his reason for that determination.

D. Final Determination. A written determination by the hearing officer of whether the petitioning Applicant is eligible for the benefits under PSEBA shall constitute a final administrative determination for the purpose of judicial review under the common law writ of certiorari.

~~E. Burden of Proof. At any administrative hearing, the Applicant shall have the obligation and burden of proof to establish that the Applicant is eligible and qualified to receive PSEBA benefits. The standard of proof in all hearings conducted under this Ordinance shall be by the preponderance of the evidence.~~

~~F. Administrative Records. All records pertaining to the administrative process shall be held in a separate file under the Applicant' s name with the City.~~

Section 6: Any PSEBA application which has been submitted to the City Manager but has not yet been assigned to a hearing officer under the conditions established by Ordinance 17-4747 shall now be reviewed by the City Manager for a determination of PSEBA eligibility under the terms provided in Section 4 above.

Section 7: Any policy, resolution, or ordinance of the City that conflicts with the provisions of this Ordinance shall be and is hereby repealed to the extent of such conflict.

Section 8: That this Ordinance shall be in full force and effect from and after its adoption and approval.

Section 9: The City Clerk be and hereby is authorized and directed to publish this Ordinance in pamphlet form.

ADOPTED this 12th day of January 2026, by the Mayor and City Council of the City of Rochelle on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

_____

MAYOR

ATTEST:

_____

CITY CLERK

STATE OF ILLINOIS)
) SS.
COUNTY OF OGLE)

CERTIFICATE

I, Rose Huéramo, City Clerk of the City of Rochelle, County of Ogle and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Ordinance No. _____, "AN ORDINANCE MODIFYING THE CITY'S ADMINISTRATIVE PROCEDURES FOR ASSESSING AND DETERMING CLAIMS UNDER PSEBA" which was adopted by the Mayor and City Council of the City of Rochelle on this 12th day of January, 2026.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the City of Rochelle this 12th day of January 2026.