December 18, 2024

Village of Versailles
Substation Construct Scope of Project

The Village is constructing a new substation named McGreevey Road Substation located on the east side of the Village. The Village plans to serve the McGreevey Road Substation from a newly constructed 69 kV transmission loop interconnecting East Water Street Substation, Greenlawn Substation, and McGreevey Road Substation. The Village's existing substations are interconnected to American Municipal Power Transmission (AMPT) at 69 KV. The AMPT transmission facilities are interconnected to AES, Inc. at East Water Street Substation. The Village is coordinating with AMPT and plans to interconnect McGreevey Road Substation with new AMPT 69 kV facilities. The Village would like to obtain the services of an engineering design firm to assist the Village with scoping, designing, planning and constructing the necessary facilities in the substation.

The existing system and new substation plan are explained in more detail in the following sections. In general, the Village would like an electrical design engineering firm to design the new substation, prepare equipment and construction specifications, bid packages, provide construction oversight, and commissioning of said substation. The electrical design engineering firm will need to coordinate with the Village's contractors and AMPT regarding the transmission interconnection facilities for the new McGreevey Road Substation.

BACKGROUND

The Village desires to improve its distribution system reliability and service quality. The Village indicated the third substation is necessary to address and resolve low voltage issues that may occur at the system extremities during outage conditions of the existing substations. The Village has recently experienced load growth and expects additional future load growth and a third substation is needed to balance load and reliably serve the system load.

Transmission System

The Village is interconnected to an AMPT 69 kV line that originates at the AES interconnection point at East Water Street Substation and interconnects the Greenlawn Substation at the west side of the Village. AMPT has coordinated with the Village and provided plans to extend 69 kV transmission lines to the McGreevey Road Substation location and create a transmission loop.

Substation (Existing)

The Village owns and operates two existing substations in the Village. The East Water Street Substation is located at 659 E. Water St. near the intersection of Olive Street and Water Street.

The substation includes one operational transformer bank. The transformer bank includes an ABB 69/12 kV three phase transformer rated at l2,000/16,000 kVA OA/FA at 55°C, 20,000 kVA FA at 65°C. The transformer serves five 12.47 kV Feeders. The Greenlawn substation is located adjacent to the Greenlawn Cemetery on Greenlawn Avenue. The substation includes one Pennsylvania three-phase transformer rated at 15,000/20,000 kVA OA/FA at 65°C and serves three 12.47 kV Feeders.

SUBSTATION CONSTRUCTION PROJECT

The McGreevey Road Substation Construction Project (Project) consists of constructing a new substation along McGreevey Road at the east end of the Village near the intersection of State Route 47 and McGreevey Road. The site for the McGreevey Road Substation is currently a vacant lot located in the Village. The McGreevey Road Substation will include one 69/12.47 kV three-phase transformer rated at either 12/16/20 MVA or 15/20/25 MVA and voltage regulators, switchgear and reclosers to connect three distribution feeders. The substation design should include space for a second transformer and three additional feeder positions in the future. The final transformer size is to be determined and will depend on factors including pricing, availability, current load forecasts, and guidance from the design engineer.

The required 69 kV transmission facilities will be constructed by AMPT and extended to the McGreevey Road Substation site. The engineering design firm assisting with the McGreevey Road Substation will need to coordinate with the Village and AMPT regarding the transmission facilities constructed to the site and the substation interconnection.

A site layout of the McGreevey Road Substation property and existing and planned transmission system layouts are included as Appendix A.

ESTIMATED PROJECT SCHEDULE

The following Project Schedule is currently contemplated:

- Design completion, major equipment bid specifications and drawings: August 31, 2025
- Construction bid and selection of contractor completed: December 31, 2025
- Construction completion: December 31, 2027

PROFESSIONAL ELECTRICAL ENGINEERING SERVICES STATEMENT OF QUALIFICATIONS

The Village is accepting Statements of Qualifications from consulting firms to determine their interest and capabilities in performing the following tasks:

1. Engineering design and drawings for construction of the McGreevey Road Substation.
2. Specifications to purchase major equipment and necessary ancillary equipment in the McGreevey Road Substation.
3. Drawings and specifications to be used in a bid package to acquire contractor services for construction of the new substation.
4. Construction services to verify construction is completed in accordance with engineer's design specifications.

The Statement of Qualification should include the following information:

- Provide a brief history of the firm. Include year established, type of organization and information pertaining to major areas of expertise.
- Provide information regarding insurance carried by the firm.
- Public meetings will be required on the Project. Describe your experience with public meetings.
- A brief discussion of your understanding of the Project and a scope of work outlining key issues and your approach to the Project.
- A brief discussion of similar projects (including client name) completed within the last five (5) years.
- A list of key members of the project team, a brief presentation of their qualifications, related experience and the work tasks for which each of these individuals is responsible.
- The location of the office where the majority of the work will be performed.
- A list of sub-consultants to be used and the work they will perform, if any.
- For each category your firm is submitting, provide any further information which may be helpful for the Village of Versailles to determine the qualifications of the firm.

The Village requires that the design, drawings and bid specifications be completed on or before August 31, 2025. The Village anticipates selecting a construction contractor by December 31, 2025. The Village requests that the design engineer provide construction observation and verification services for substation construction expected to be complete by December 31, 2027.

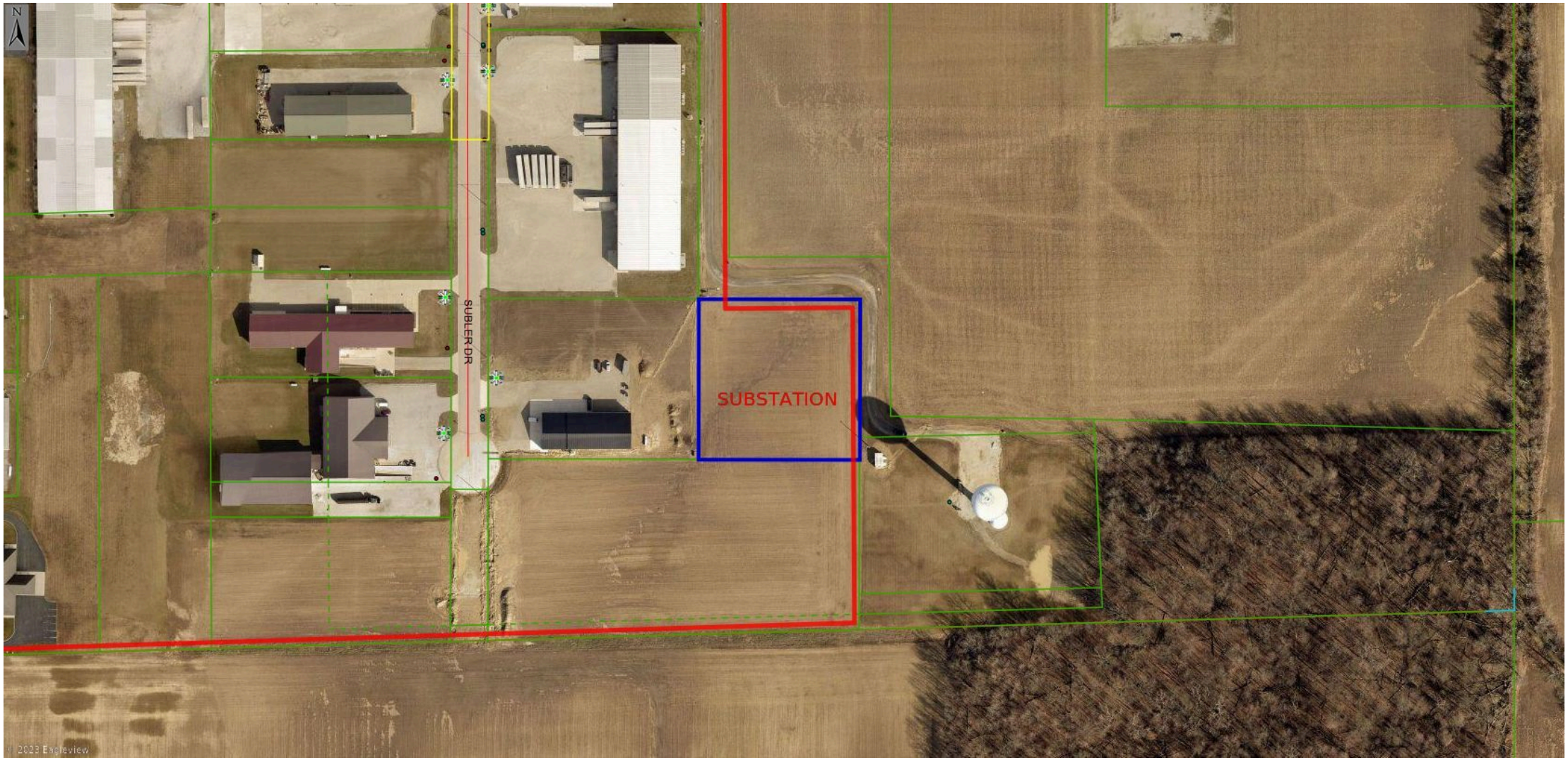
Interested firms should submit a sealed Statement of Qualifications before 3:00 p.m. local time on January 31, 2025 to:

Village Administrative Building
Attn: Kyle Francis, Village Administrator
177 North Center Street
P.O. Box 288
Versailles, OH 45380-0288

The Village of Versailles Council reserves the right to accept or reject any or all proposals; to waive any informalities or irregularities in the bids received or to accept any proposal which is deemed most favorable to the Village of Versailles.

APPENDIX A
SITE LAYOUT

MCGREEVEY RD. SUBSTATION



02/25/2023 - 03/06/2023

W.J. BOHMAN INDUSTRIAL PARK SECTION 6

LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 10 NORTH, RANGE 4 EAST,
WAYNE TOWNSHIP, DARKE COUNTY, VILLAGE OF VERSAILLES, OHIO

REFERENCES

DARKE COUNTY STONE CARDS
PBV 27-PAGE 144 JAMES A. VANDEN BOSCH IN JANUARY OF 1997.
PBV 28-PAGE 86 J.F. STAYTON AND ASSOCIATES IN MAY OF 1997.
PBV 28-PAGE 167 JAMES A. VANDEN BOSCH IN AUGUST OF 1997.
PBV 31-PAGE 92 J.F. STAYTON AND ASSOCIATES IN APRIL OF 1999.
PBV 31-PAGE 18 GRIFFITHS-VANDEN BOSCH AND ASSOCIATES INC. IN FEBRUARY OF 1999.
PBV 31-PAGE 132 J.F. STAYTON AND ASSOCIATES IN JUNE OF 1999.
PBV 38-PAGE 74 GRIFFITHS-VANDEN BOSCH AND ASSOCIATES INC. IN FEBRUARY OF 2004.
PBV 39-PAGE 33 GRIFFITHS-VANDEN BOSCH AND ASSOCIATES INC. IN SEPTEMBER OF 2004.
PBV 41-PAGE 12-13 CHOICE ONE ENGINEERING IN JUNE OF 2006.
PBV 44-PAGE 97 CHOICE ONE ENGINEERING IN NOVEMBER OF 2010.
PBV 48-PAGE 106 CRAIG W. MESCHER IN NOVEMBER OF 2015.
PBV 48-PAGE 124 CRAIG W. MESCHER IN FEBRUARY OF 2016.
PBV 48-PAGE 177 JAMES F. STAYTON IN JUNE OF 2018.
ALL DEEDS ON RECORD

NOTE

THE MONUMENTATION FOUND ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 20 (McGREEVEY ROAD) DID NOT MATCH THE EXISTING SURVEYS EXCEPT FOR THE W.J. BOHMAN INDUSTRIAL PARK SECTION 4. THE MONUMENT BOXES FOUND MARKING THE SECTION CORNERS WERE SET AFTER THE McGREEVEY ROAD RECONSTRUCTION. THE SECTION CORNERS ARE DOCUMENTED AS SHOWN ON THIS SURVEY.

BASIS OF BEARINGS

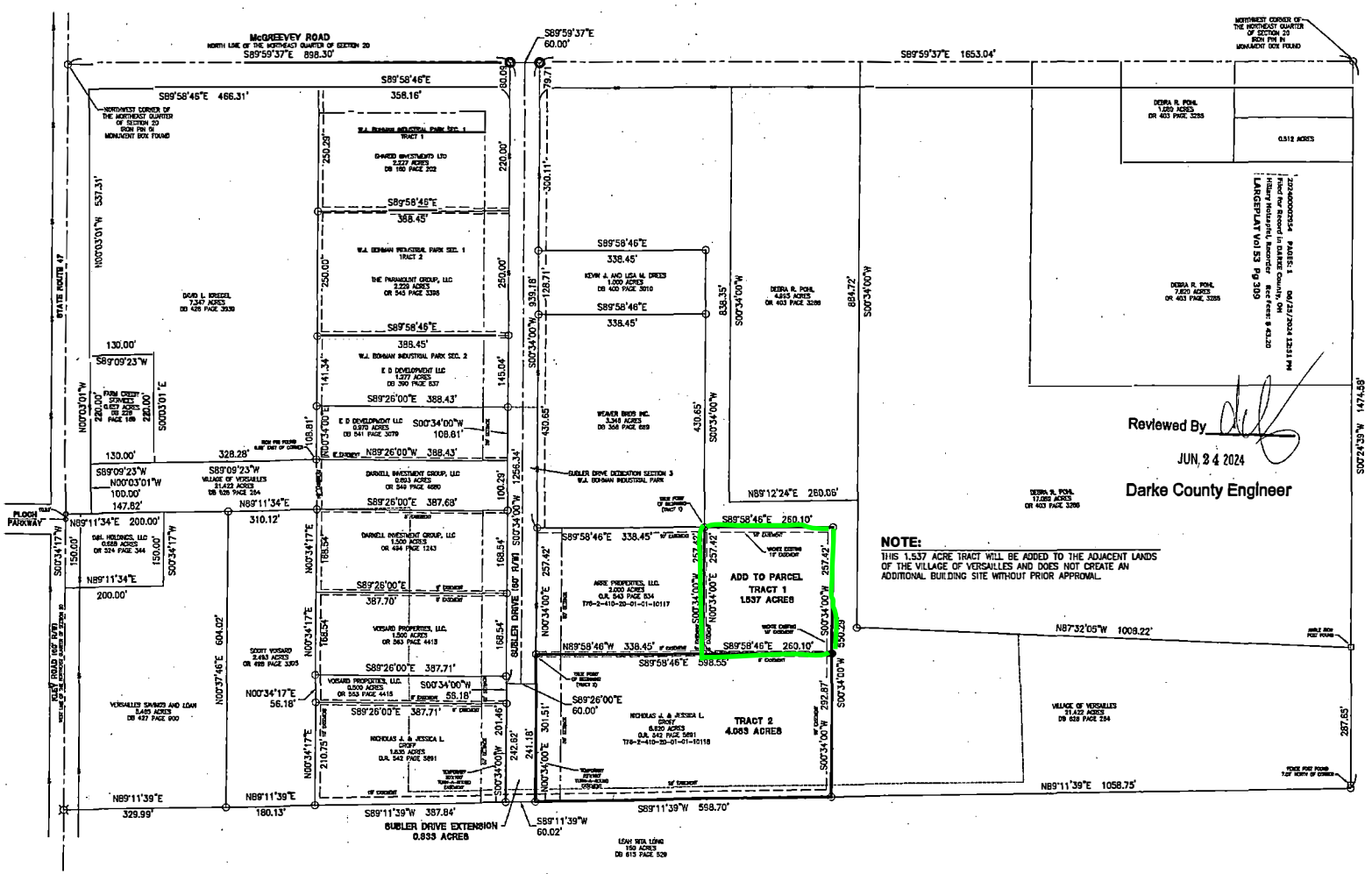
BEARINGS ARE BASED ON THE W.J. BOHMAN INDUSTRIAL PARK SECTION 4 AS RECORDED IN PBV 48 PAGE 106. SUBLER DRIVE BEARING BEING – S 00°34'00" W.

PROPOSED EASEMENT

SCALE:
1"= 150'
0 75 150 300

LEGEND

- RR Spike Found
- Iron Pin Found
- Iron Pin Set
- Mag Nail Set
- Mag Nail Found
- Con Mon. Found
- Section Corner



NOTE:
THIS 1.537 ACRE TRACT WILL BE ADDED TO THE ADJACENT LANDS OF THE VILLAGE OF VERSAILLES AND DOES NOT CREATE AN ADDITIONAL BUILDING SITE WITHOUT PRIOR APPROVAL.

Reviewed By
JUN 24 2024
Darke County Engineer

LARGEPLAT Vol 53 Pg 309
Filed for Record in DARKE County, OH
Hillary Holzapfel Recorder 06/25/2024 12:51 PM
Rec Fees: $ 43.20
2224000002554 PAGES: 1

SURVEYED BY:
CRAIG W. MESCHER, REGISTERED SURVEYOR NO. 8237
DATE: 04-26-2024

Project #224003.49

ACCESS Engineering Solutions
1200 IRMSCHER BLVD., SUITE B, CELINA, OH 45822
www.accessengllc.com | 419-586-1430

STATE OF OHIO
CRAIG W. MESCHER
8-8237
REGISTERED PROFESSIONAL SURVEYOR

PLAT AUTHORIZATION AND DEDICATION

The Village of Versailles, the owner of the land included within this plat have caused the area located in the Village of Versailles, Ohio, encompassed by this plat, to be surveyed, platted, and know as W.J. Bohman Industrial Park Section 6. Furthermore, the Village of Versailles dedicates the easements as shown on this plat to the public use forever.

Todd M. Dammeyer, Mayor

Kathy Ording, Fiscal Officer

AKNOWLEDGEMENT

STATE OF OHIO: COUNTY OF DARKE:

Before me a Notary Public in and for said County of Darke, State of Ohio, personally appeared the above signed owners and acknowledged the signing of the above to be their free act and deed, and duly authorized act and deed of said owner.

In testimony whereof I have affixed my hand and seal this 12 day of June, 2024.

Notary Public
KATHY L. ORDING
Notary Public
State of Ohio
My Comm. Expires
April 25, 2026

4/25/26
Expiration Date

VILLAGE OF VERSAILLES PLANNING COMMISSSION

This plat was inspected and approved by the Village of Versailles Planning Commission on this 5 day of June 2024

Chairperson

FILED
JUN 25 2024
Carol Wilson
Carol A. Wilson
AUDITOR DARKE COUNTY, OHIO
by Melanie Fackelmeier

WAYNE TOWNSHIP **04-10-20** **VILLAGE OF VERSAILLES**

TRACT 1 - 1.537 ACRES
TRACT 2 - 4.083 ACRES