

# VILLAGE OF ALLOUEZ

Allouez Village Hall • 1900 Libal Street • Green Bay, Wisconsin 54301-2453  
Phone No.: (920) 448-2800 • Fax No.: (920) 448-2850

## Department of Public Works

Date: March 1, 2024

### LIBAL STREET UTILITY IMPROVEMENT PROJECT INSPECTION AND STAKING SERVICES

The Village of Allouez Public Works Department had requested proposals from three engineering consultants for assistance with the construction inspection (1 full time inspector) and staking of the proposed Libal St. Utility improvements.

In general, the utility improvements include the replacement and lining of various segments of the existing sanitary sewer, replacement of existing water and sanitary sewer laterals from the main to the property line (STH 172 to Allouez Ave.), spot repair of sanitary sewer manholes, and relocation of existing fire hydrants.

Work on this project will begin the week of March 4<sup>th</sup> and be completed middle to end of May.

In general, the scope of construction services consists of providing field construction observation, construction staking services and the preparation of record drawings. The consultant to provide a project inspector full-time in the field for the duration of the utility project (approx. 3 months).

The estimated cost for the inspection and staking services was estimated at \$55,000.

The Village received one proposal for the inspection and staking of the utility project. The proposal is attached for your review. Ayres Associates hourly fix rate to provide an inspector is \$96/hour. Based on the provided hourly inspection rate and staking fees, the anticipated cost of the engineering services is \$54,000.

#### Motion:

Staff recommendation to the Village Board to approve the construction inspection and staking services agreement provided by Ayres Associates.



# Construction Services

2024 Libal Street Utility Improvement Project

Village of Allouez  
February 28, 2024

Ingenuity, Integrity, and Intelligence.

[www.AyresAssociates.com](http://www.AyresAssociates.com)



February 28, 2024

Sean Gehin, PE, Public Works Director  
Village of Allouez  
*Submission via email: Sean.Gehin@villageofallouezwi.gov*

Re: Construction Services 2024 Libal Street Utility Improvement Project

Dear Mr. Gehin:

In response to the 2024 Libal Street utility improvement project for the Village of Allouez, Ayres is eager to provide qualified engineering staff again to meet your construction-related service needs. We have an available individual with construction observation experience on local municipality projects.

Our nearby office will allow our staff to be responsive and meet your staffing needs.

We are interested in the construction observation and staking services.

Thank you for considering Ayres for your construction observation needs. If you have any questions, please contact me.

Sincerely,

Ayres Associates Inc



Craig R. Schuh, PE  
Manager – Engineering Services  
920.498.1200  
SchuhC@AyresAssociates.com



“A special thanks to ... the team from Ayres for all of the on-site supervision and contract administration. We would like to note how great of a job they did handling all of the coordination efforts (both with the contractors and general public) that were needed to get the project done efficiently and safely.”

**Chad Shefchik**

City Engineer, Sturgeon Bay,  
regarding Door CTH “C”  
construction observation

## Firm Information

### Nationwide Firm, Local Presence

Ayres is an architectural/engineering firm that has assisted public and private clients since 1959, offering multiple specialties such as transportation, traffic, civil, structural, water resources, levee, and river engineering, as well as services in energy corridors, architecture, environmental science, surveying, grants, planning, geospatial, and GIS.

Our clients are served through 12 offices in Wisconsin, Minnesota, California, Florida, North Carolina, Colorado, and Wyoming. Our local office is in Ashwaubenon.

Our firm was founded by Owen Ayres, an engineer who instituted many of the practices we follow: working with clients as a partner; offering smart, creative solutions; conducting business with the utmost integrity; and providing employees challenges and the opportunity to advance and invest in their company.

### Construction Services

Ayres' staff members are knowledgeable in transportation and municipal construction project observation and administration. This experience includes engineering and construction observation for projects involving major and minor roadway grading; sanitary sewer and water main replacement; pulverizing or rubblizing existing pavement; placing new asphaltic or concrete pavement; traffic control and construction staging; concrete curb and gutter and sidewalk; storm sewers and culverts; traffic signals and street lighting; bridges, concrete box culverts, and retaining walls; landscaping; erosion control; pavement marking; signing; and various other items.

We have performed construction observation on projects throughout northeastern Wisconsin, including municipal projects, intersection improvements, maintenance projects, major urban and rural reconstruction projects, subdivision and business park developments, and bridge rehabilitation and replacement projects.

Ayres can provide the following services for construction observation projects:

- Construction administration and observation
- Construction staking
- Shop drawing reviews
- Record drawings
- Sanitary and storm sewer inspection
- Roadway construction inspection
- Project closeout services



“[Ayres’]  
knowledge and  
competence has  
certainly shown  
in a project that  
has received  
very high  
marks from our  
community, with  
an added bonus  
of completion  
ahead of  
schedule!”

**Chris Ruckdaschel**

Executive Director, Hayward Area  
Chamber of Commerce,  
regarding 2020  
Hayward downtown street  
and utility reconstruction projects

# Scope of Services & Estimated Cost

## Purpose & Description

The Village of Allouez Public Works Department is requesting proposals for the construction inspection and construction staking for the Village of Allouez 2024 Libal Street Utility Improvement Project (one inspector).

Ayres is proposing to supply one construction staff member and services for the following project as identified based on current workload and staff availability.

Ayres is also submitting a cost proposal as part of this submission to complete the construction staking for the improvements identified in the AL-2024-03 plan set.

## Scope/Project Approach [AL-2024-03]

### Construction Inspection Services & Rates

Ayres will provide construction services to include inspection of the work to ensure work is being completed per plan and specifications; review of shop drawings; daily inspection diaries; quantity documentation and field verification of quantities on a weekly basis; weekly stormwater inspection reports; preparation of service cards documenting location, size, material and length of services; construction coordination with the Village; and completion of an as-built noting field changes to the plans. We anticipate having one staff member assigned to the project full time.

**We will provide services with an inspector (engineer) for inspecting the project for a fixed rate of \$96 per hour.** The hourly rate for inspection services is inclusive of construction vehicle and any equipment (e.g., cell phone, camera, and protective equipment) necessary to complete the work. Field staff responsible for construction observed would include a red-line record drawing set.

## Construction Staking and Rate for AL-2024-03

Construction staking is anticipated to include the following utility elements:

- Relocation of hydrants.
- Sanitary sewer.
  - ◆ Lay out the sewer alignment from the downstream structure at 25-foot, 50 foot, and 100-foot intervals thereafter with a hub and lath offset per the contractor's direction. The layout will also include manholes. Provide grade sheets with cuts to the sewer flow line and manhole inverts.
- Cut sheets will be delivered for all staking.

Assumptions:

- Two offset stakes will be provided for individual structures (manholes and hydrants)
- One offset stake will be provided on sanitary sewer line at each interval.

- Two mobilizations are anticipated to complete all staking.

### Ayres Staking Fees:

STAKING TYPE	FEE
Hydrants (3)	\$236 / each
Sanitary Manholes (4)	\$123 / each
Sanitary Connections (2)	\$123 / each
Sanitary Sewer Mainline (768)	\$3 / foot

### Village to Provide

- AutoCAD files of design. Files will contain primary survey reference points and horizontal alignment and profile.
- Any forms the Village would like to be used as part of construction observation services.



## Tyler Dahinden

### Civil Engineering Staff

Tyler joined Ayres in 2023, bringing experience with surveying and designing street and utility modifications in AutoCAD Civil 3D. He has created plan sets for bridge/structural and environmental engineering projects. Tyler assists in the design of municipal and civil engineering projects, including sanitary collection systems, water supply and distribution systems, commercial site development, stormwater management systems, streets, and other public infrastructure. He provides on-site observation for public infrastructure and roadway construction projects.

### Select Experience

- Allouez 2023 Street and Utility Construction Services, Allouez, WI
- Green Bay Water Utility 2023 Construction, Green Bay, WI
- Ashwaubenon Element Way (Oneida Street to Marvelle Way) Construction Services
- Ashwaubenon Morris Avenue Reconstruction and Borvan Sidewalk Construction Services
- Gillett Washington Street Reconstruction
- New Holstein Wisconsin Avenue Utilities
- Marinette Main Street and Wells Street Improvements
- Marinette Ludington Street Improvements
- City of Green Bay, Brown County, Neville Museum Parking Lot
- UW-Green Bay Walter Way Residence Life Lots and Softball Field Lot Repaving

### Total Experience

1 Year

### Education

BS, Civil Engineering, Montana State University