FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

July 1, 2026

Joshua Sangl
Town of St Paul, Indiana
106 N. Webster Street
PO Box 235
St. Paul, IN 47272

RE: Proposal for Town of St. Paul GIS Development

Dear Josh:

We understand the Town's goal of developing an accurate and comprehensive Geographic Information System (GIS) to represent its utility infrastructure. We appreciate the opportunity to work with you on this project.

SCOPE OF SERVICES

Water and Sanitary Sewer Map

Setup

- Guide the Town in the purchase and setup of an ArcGIS Online account.
  - ArcGIS Online is an industry-standard GIS platform that allows communities to organize, visualize, and maintain information through the internet via web-browser and mobile applications. The Town retains the intellectual property rights of their data hosted on this platform and can share, download, or delete their information at any time.
  - A minimum of one Creator license is required for an ArcGIS Online account, currently priced at $700 annually per user. This license acts as the account administrator and enables the Town to create, publish, and edit spatial data.
  - Additional ArcGIS Online licenses can be added to the Town's account at any time. We will work with the Town to determine the appropriate licensing to support your needs. The following is the current pricing for those additional licenses:
    - Mobile Worker: $400 annually per user
    - Contributor: $250 annually per user
    - Viewer: $125 annually per user

Map Development

- Migrate the Town's existing sanitary sewer and water distribution system data from CAD format over to ArcGIS Online.
- Develop and publish interactive utility web maps within ArcGIS Online, utilizing the most current County aerial imagery, parcel boundaries, and other relevant GIS datasets as base layers.
- Compile and incorporate the Town's as-built record sheets into the GIS as a dedicated layer, with each record linked to its corresponding real-world location for easy access and reference.

Training

- Provide training for office users on the use of ArcGIS Online web maps, including viewing, editing, querying, and managing GIS data through a web browser.
- Provide training for field users on the use of ArcGIS mobile applications, including accessing utility assets and records, updating GIS data, collecting field observations, and navigating to infrastructure locations.

110 Commerce Drive
Danville, IN 46122
P: 317.745.6995
www.fveng.com

ADDITIONAL SERVICES

Stormwater Map

Survey

- Locate and survey all visible stormwater system components within the Town limits.

GIS Development

- Digitize storm sewer throughout the Town based on the surveyed data and existing plans.
- Assign attributes such as pipe size, material, and installation dates to each watermain segment.

Map Review

- Review the GIS with Town staff and revise it to reflect known system conditions and institutional knowledge.

Ongoing GIS Support

Provide ongoing annual support on an as-needed, hourly basis to assist the Town with GIS-related needs. Support may include creating new GIS layers, adding or updating GIS features, troubleshooting applications, providing user assistance, and offering guidance on future GIS initiatives. Assistance can be provided remotely or on-site, as requested by the Town.

We propose a yearly recurring Hourly Fee contract with a **Not-to-Exceed Fee of $5,000**. F&V will bill for the actual time required monthly and will not exceed the estimated fee without additional authorization from the Town.

FUTURE CONSIDERATIONS

Assist the Town in Purchase of GPS Equipment

For general field data collection and asset updates, a smartphone's integrated GPS can be used to capture and edit GIS features directly within ArcGIS mobile applications. Under typical conditions, smartphone GPS accuracy is generally within 5 to 15 feet, which is sufficient for many routine mapping tasks. Higher positional accuracy may be required when collecting new utility assets or locating existing infrastructure in the field. In these situations, a smartphone's built-in GPS may not provide the accuracy needed.

Once the GIS is established, the Town may wish to consider investing in an external GPS receiver to improve positional accuracy. High-accuracy GPS equipment, when paired with appropriate correction services, can achieve accuracy approaching 1 inch and provide a more reliable solution for utility asset collection and field verification.

Several high-accuracy GPS solutions are available; however, we recommend the Leica FLX100+ Tilt. The unit is compatible with both Apple and Android devices, allowing staff to utilize their preferred mobile platform while benefiting from improved positioning accuracy and tilt-compensated data collection.

Leica FLX100+ Tilt
Cost: Approximately $7,000 (one-time purchase)
Setup Style: Can be used as a handheld device or mounted on a pole
Accuracy: Approximately 1-inch when connected to a free correction service through INDOT

PROFESSIONAL FEES

Description	Cost
Water and Sanitary Sewer Map	Lump Sum Fee of $5,800
Additional Services: Stormwater Map	Lump Sum Fee of $8,000
Additional Services: Ongoing GIS Support	Not-to-Exceed $5,000/year

Authorization to proceed with your chosen services can be given by checking the boxes and signing below. Again, thank you for the opportunity to provide this proposal. Please don't hesitate to reach out with any questions.

Sincerely,

Fleis & VandenBrink

Lori A. Young

Lori A. Young, P. E.
Indiana Group Manager – Water & Wastewater

WORK AUTHORIZATION

☐	Water and Sanitary Sewer Map	Lump Sum Fee of $5,800
☐	Stormwater Map	Lump Sum Fee of $8,000
☐	Ongoing Support	Not-to-Exceed $5,000/year

Fleis & VandenBrink Engineering, Inc. (F&V) is hereby authorized to perform Services as detailed in this proposal and authorized under the General Consultation Professional Services Agreement with F&V signed/dated June 3, 2025.

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Authorized Signatory **Date**