

Charles Gill
Water Utility Manager
451 Meek Street
Greenfield, Indiana 46140



Mayor Chuck Fewell
Board of Works and Public Safety
10 South State St.
Greenfield, IN 46140

Re: Task Order #2 – E US 40 Main Improvement

July 14, 2020

Mayor and Board Members,

We have a general services agreement with Donohue and Associates to design water main projects for improvement or replacement. In the past, I have described to the Board the need to replace certain water main pipes that have shown to be nearing failure. This failure determination is based on the number of repairs performed over time, age of the pipe, the conditions of the installation of the pipe, and impacts on fire protection. Recently one such main was located on State Street near the Pennsy Trail. One such water main that meets this urgent status, is located South of 801 E Main that was installed to serve those businesses in the early to mid-1970s.

This section of 8” ductile iron water main has required repair in 2015, 2016, 2017, and 2020. This line does not serve any other property, nor does it provide supply for Fire Suppression for the current commercial buildings. During the most recent repair, inspection of the physical state of the main, showed significant degradation. This is most likely the result of manner by which the main had been installed originally. It is imperative for the City to undertake this improvement as soon as possible to prevent a critical failure of the main. After discussion with the Fire Marshall and review of the work order history, I feel that it is critical to deal with this project immediately.

I have requested Donohue to prepare a set of plans so that we could retire this old section of main and install a new section of main on the south side of US 40 to improve fire protection in the area. Included in the scope of this task order is design to improve other distribution pipes adjacent to the 801 E Main property that will improve the system hydraulically and quality. This project design will include as an alternate to connect to a 6” water main on Howard to improve fire flow capacity in this area.

I would request the Board approve this Task Order #2 as presented in the lump sum of \$16,700. I welcome any questions the Board may have on this recommendation.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Charles Gill".

Charles Gill
Manager
Water Utility

cc: Mike Fruth, Utility Director
Dan Worl, Business Service Manager
Lori Elmore, Clerk-Treasurer



**TASK ORDER NO. 2 TO
CONTINUING PROFESSIONAL SERVICES AGREEMENT
Between City of Greenfield (Owner) and
Donohue & Associates, Inc. (Donohue)
Date of Original Executed Agreement: June 9, 2020**

TASK ORDER NAME/DESCRIPTION

EAST US 40 WATER MAIN REPLACEMENT

The water line that currently serves several businesses on the south side of US 40 near Riley Park Tire is nearing the end of its useful life. This task order is for the design of approximately 420 feet of 8-inch water main and new services lines between Brandywine Street east to the frontage road of Riley Park Tire. This will also include connection with a 6-inch line on the north side of US 40 at Howard Street. Lastly, the project will show abandonment of the existing 2-inch water main on US-40 and the 8-inch water main behind Riley Park Tire.

Project work will include a topographic survey, design, and permitting of the water main.

A. SCOPE OF SERVICES

The project scope consists of a topographic survey, design of the water main extension, submittal of the INDOT Right of Way permit, and submittal of a Notice of Intent with the Indiana Department of Environmental Management. Donohue's proposed task under this scope of services are as follows:

1. Retain the services of a surveyor to develop survey required for the water main design.
2. Based on review of available documents, coordination with existing utilities, and engineering of the water main, including survey information and coordination with local utilities, Donohue will prepare 95% Design plans and specifications for the water main replacement and abandonment.
3. Perform a field check of the 95% drawings.
4. Perform an internal quality control review of the 95% Design plans and specifications, and submit the 95% Design plans and specifications to the Owner for review.
5. Conduct a 95% Design Review Meeting with the Owner to review the design, and receive comments for revisions to the 95% Design documents.
6. Based on Owner's 95% Design document review comments, Donohue will generate the Final Design plans and specifications that are sealed and signed by a Registered Professional Engineer licensed in the State of Indiana for bidding.

7. Provide technical assistance for the Owner to complete and submit the IDEM Notice of Intent for Water Main Extension application for the water main extension and the required INDOT permits. If other permits are determined to be required during design, assistance for those services will be added to the Task Order via amendment.

B. KEY STAFF

ENGINEER shall include all subcontractors relevant to the scope of services in this task order. ENGINEER may not remove or otherwise substitute subcontractors indicated on without consent of OWNER. A failure by ENGINEER to provide the subcontractors as required by this Article shall be considered a material breach of the Agreement.

Donohue & Associates:

Emily Wehmeyer, PE
Michael Styf, PE
Paul Elling, PE

Survey Subconsultant:

SJCA, Inc.

Note: Donohue reserves the right to assign additional staff as needed to complete Work of the Project.

C. PROJECT TIMING

All work by ENGINEER under this Task Order shall be completed and delivered to the GREENFIELD DEPARTMENT OF ENGINEERING (OWNER) no later than 90 calendar days after the written notification to proceed from OWNER.

D. COMPENSATION

Compensation for the work as defined in the Scope of Services of this Task Order shall be a lump sum of \$16,700.00.

APPROVED FOR OWNER

By: _____

Printed Name: _____

Title: _____

Date: _____

APPROVED FOR DONOHUE

By: Steven P. Gress

Printed Name: Steven P. Gress, PE

Title: Vice President

Date: 06-25-2020