

January 15, 2024

Ms. Christine Rhoades, P.E.
Transportation, Engineering and Development Business Group
City of Naperville
400 S. Eagle Street
Naperville, IL 60540

Re: **Contract Change Order #2 – Columbia Street Reconstruction Project**

Dear Ms. Rhoades:

Thomas Engineering Group, LLC (TEG) is providing professional engineering services related to the Columbia Street Reconstruction Project. Based on development in the scope of work, additional Phase II Design Engineering Services are needed to successfully complete the project.

TEG respectfully requests the City's consideration to amend the professional engineering services Contract 17-122 (Work Order #17-122-TED-2101) as executed on April 12, 2021. This Change Order is based on the additional effort required to complete the project as directed by the City of Naperville.

ORIGINAL CONTRACT:	\$ 111,560.79
CHANGE ORDER #1:	\$ 4,076.81
CHANGE ORDER #2:	<u>\$ 26,173.00</u>
REVISED CONTRACT:	\$ 141,810.60

A Cost Estimate of Consultant Services for the additional work and scope narrative is attached to this Change Order proposal for the City's consideration.

If you have any questions or require additional information, please call me at (847) 815-9500 or by e-mail at kevinv@thomas-engineering.com.

Sincerely,
thomas engineering group, llc



Kevin C. VanDeWoestyne, P.E., ENV SP
Municipal Department Head

Attachments

cc: Ms. Mary Cave, P.E., Project Manager, Thomas Engineering Group, LLC





Columbia Street Reconstruction
City of Naperville
Phase II Engineering Services
Scope of Work Narrative – Supplement 2

The Consultant has performed the supplemental work described below, at the direction of the City of Naperville.

A. Nicor Relocation

Once the project started, Nicor relocated their existing gas main on the east side of the roadway directly under the proposed curb and gutter alignment. This required extensive coordination to obtain potholes and elevation information to determine the exact location.

Additional effort by TEG’s chief surveyor was necessary to survey the relocated gas main. After obtaining the information, TEG attended several meetings with Nicor’s consultant, Milhouse Engineering, to relocate the gas main to avoid conflicts with the proposed drainage structures.

Additional Effort = 32 Hours

B. Electric Duct Design

The original scope only included effort to include DPU-E’s design and sheets into TEG’s overall plan set. However, additional effort was required to design the vertical profile of the City’s electrical duct to ensure no conflicts with existing utilities and proposed storm sewer and water main. This included detailed profile design as well as including the City’s electrical duct into the cross sections. TEG also developed a separate cost estimate for the electrical duct on behalf of DPU-E.

Additional Effort = 48 Hours

C. Drainage Redesign and Upsizing

The City requested TEG investigate possible alternatives to increase the precast box culvert size and length to provide the maximum amount of underground detention volume. The original scope included determining if detention was required and, if so, designing the required detention. Based on the DuPage County Stormwater Ordinance, the proposed design did not require stormwater detention, however, the City requested providing the maximum amount feasible within the corridor.

Additional effort was required to survey additional drainage structures at 8th Avenue and Wight Street, extend the drainage improvements 100 feet west on 8th Avenue, lower the box culvert inverts, upsize the box culvert sizes, update the drainage schedules, update the drainage plan and profile, and update the cross sections.

Additional Effort = 48 Hours

D. DuPage County ARPA Grant Assistance

Additional effort to assist the City in the DuPage County ARPA Municipal Grant application. TEG assisted the City in preparing a detailed cost estimate for the project as well as a detailed stormwater cost estimate. As a result, they City was awarded \$500,000 on June 2, 2022.

Additional Effort = 16 Hours

E. Property Redesign

Additional effort to assist the City with ROW investigation and coordination with a property owner. The existing brick columns for this property were in conflict with the proposed sidewalk and required relocation. The property owner provided a plat of survey.

TEG's chief surveyor reviewed the provided documents and provided a summary to the City to continue coordination efforts. The City decided to relocate the brick columns as part of the contract which required additional plan notes and special provisions.

In addition, the existing sidewalk at the southern end of the property is located outside the existing ROW and the City requested TEG extend the proposed sidewalk limits to relocate the sidewalk to be completely within the public right-of-way. This required updates to the Removal Plans, Grading Plans, Cross Sections, Plan and Profile, Typical Sections, Quantities, and Cost Estimate.

Additional Effort = 28 Hours

Total Additional Effort = 172 Hours