



Civiltech Engineering, Inc.
www.civiltechinc.com

Two Pierce Place, Suite 1400
Itasca, IL 60143
Phone: 630.773.3900
Fax: 630.773.3975

30 N LaSalle Street, Suite 2624
Chicago, IL 60602
Phone: 312.726.5910
Fax: 312.726.5911

Transportation

Civil

Construction

Environmental

Water Resources

Structural

Appraisal

October 29, 2024

Ms. Katie Rubush, P.E.
Project Engineer
TED Business Group
City of Naperville
400 S. Eagle St.
Naperville, IL 60540

**Re: CIP CS-015: Downtown Streetscape Improvements
(Washington Street)**

Construction Engineering Services

Request for Supplement (Amendment) No. 1 to the Agreement

Dear Ms. Rubush:

We are respectfully requesting a supplement to our Construction Engineering Services Agreement. This letter is based upon our discussions with you and Bill Novack throughout these past months and recently our discussions in more detail with you and Andy Hynes once the amount of work at the end of the project (and heading towards final completion) was known.

This supplement is required due to the contractor beginning work earlier than anticipated and then working both day and night shifts from April into July of 2024, all which required our inspection. Monitoring the early and double shift work resulted in the originally estimated construction engineering hours running out before project completion. Furthermore, the contractor's work is continuing past the planned project completion, which also requires extra time to cover. There is a substantial amount of extra contractor work that was approved for the project (such as more complex service connections, removal of discovered underground storage tanks, and an increase in non-special waste removal) along with addressing unexpected challenges which occurred during the underground installation. Civiltech administered this project through the longer hours and extra work by splitting shifts and including an additional engineer beyond what was originally estimated.

As mentioned above, although the contractor did begin their work earlier and use double shifts, they still will not be finished until past the original completion date. On the attached schedule, we have shown when the original amount of engineering hours were exhausted at the beginning of October 2024, and then the estimated hours that are still needed to bring the project to completion.

The additional construction engineering time requested in this supplement is necessary to replace the hours used to cover the early start, double shifts, the additional work required to fit the underground items into the existing conditions, and the extended project completion. The longer hours of the contractors' crews not only required more inspection time but also an additional engineer. The engineering hours, needed to replace those



prematurely used and then perform inspection to the later completion date, are shown on the attached schedule. Those additional engineering hours are shown after the originally anticipated engineering hours were exhausted due to the reasons listed above. The updated schedule shows week by week the time required for our engineering team to complete the project after the original hours were expended.

The attached Cost Estimate for Construction Services shows the total additional 1,997 hours needed and the calculation of the requested amount of \$258,585. The other forms and backup that are required for this supplement are attached as well.

Please contact us with any questions you may have regarding our requested supplement. If this meets with your approval, please let us know if there is anything else we need to complete or execute. Thank you for the opportunity to work with you on what will be a wonderful improvement, and we look forward to continuing our work together.

Very truly yours,

A handwritten signature in black ink, appearing to read "James D. Ewers", written over a white background.

James D. Ewers, P.E.
Director of Construction
Engineering Services
Civiltech Engineering, Inc.

City of Naperville

Anticipated Contractor's Schedule

[illegible]

**Exhibit A - Construction Engineering
COST ESTIMATE OF CONSTRUCTION SERVICES
PHASE III ENGINEERING SERVICES
Downtown Streetscape - Washington / Benton / Jefferson - Supplement No. 1
City of Naperville**

Route: Downtown Streetscape - Washington / Benton / Jefferson
Local Agency: City of Naperville
Section No.:
CIP: CS-015
Job No.:
County: DuPage

*Includes annual increase (3%) for work in 2024

**Labor x 0.150 x 2.35 = Fixed Fee
 Complexity factor (R=0.00)

Consultant: Civiltech Engineering, Inc.

Revised: 10/30/2024

ITEM	Employee Classification	Total Number of Manhours	Percent of Total	DOLLARS (\$)				
				Payroll Rate*	Payroll Costs	Payroll, Burden & Fringe Costs; Overhead & Expenses (Labor x 1.35)	Fixed Fee** (Labor x 0.35)	TOTAL
Construction Engineering:	Res. Engr. V	340	17.03%	\$ 62.76	\$ 21,338	\$ 28,806	\$ 7,468	\$ 57,612
	Res. Engr. III	817	40.91%	\$ 47.12	\$ 38,497	\$ 51,971	\$ 13,474	\$ 103,942
	Res. Engr. I	433	21.68%	\$ 37.04	\$ 16,038	\$ 21,651	\$ 5,613	\$ 43,302
	Intern (Field Tech.	347	17.38%	\$ 34.25	\$ 11,885	\$ 16,045	\$ 4,160	\$ 32,090
	Chief Layout Speci	40	2.00%	\$ 43.00	\$ 1,720	\$ 2,322	\$ 602	\$ 4,644
	Structural Engr. IV	0	0.00%	\$ 47.81	\$ -	\$ -	\$ -	\$ -
	Sr. Proj. Mngr.	20	1.00%	\$ 80.00	\$ 1,600	\$ 2,160	\$ 560	\$ 4,320
SUBTOTAL								\$ 245,910
Direct Expenses:								
1.) Vehicle Expense								\$ 12,675
2.) Material Testing								\$ -
3.) Soils Monitoring								\$ -
4.) Printing Expense								\$ -
5.) Photography								\$ -
TOTALS		1,997	100.00%		\$ 91,078	\$ 122,955	\$ 31,877	\$ 258,585

- 1.) 195 Days @ \$65.00/Day
- 2.) Material Testing (Midland Standard Engineering & Testing, Inc.)
- 3.) Soils Monitoring
- 4.) Estimated printing expense for Record Drawings
- 5.) Estimated photography expense

Downtown Streetscape - Washington / Benton / Jefferson - Supp. No. 1

Summary of Direct Costs

Route: Downtown Streetscape - Washington / Benton / Jefferson
Local Agency: City of Naperville
Section No.:
CIP: CS-015
Job No.:
County: DuPage

Direct Costs:

Printing Expense

Assume 2 large sets for working drawings & 1 set for final "As-Builts"

Bond Prints: 0 sets X 201 sheets/set X \$0.86 per sheet = \$0.00

Total: \$0.00

Photography Expense

Assume 0 sets of developed digital pictures @ \$10.00 ea. = \$0.00

Total: \$0.00

Vehicle Expense

195 vehicle days required @ \$65.00 per day = \$12,675.00

Total: \$12,675.00