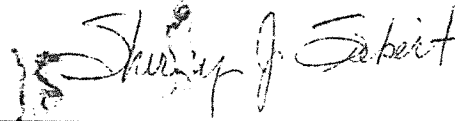


STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

I, Shirley J. Siebert, City Clerk of Wood Dale, Illinois DO HEREBY CERTIFY that as such City Clerk and keeper of the records, that the foregoing is a true and correct copy of Resolution **#R-18-45 A RESOLUTION SEEKING TO APPROVE A CONTRACT BETWEEN THE CITY OF WOOD DALE AND THOMAS ENGINEERING FOR CONSTRUCTION MANAGEMENT OF THE SALT CREEK GREENWAY TRAIL, BRIDGE REHABILITATION PROJECT IN AN AMOUNT NOT TO EXCEED \$40,992.11** To The City Of Wood Dale, DuPage County, Illinois, IN WITNESS WHEREOF, I have hereunto Subscribed my name and affixed the seal of the City of Wood Dale, this 19TH day of July, 2018.



Shirley J. Siebert, City Clerk
City of Wood Dale
DuPage County, Illinois

SEAL

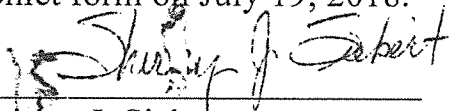


Resolution #R-18-45

A RESOLUTION SEEKING TO APPROVE A CONTRACT BETWEEN THE CITY OF WOOD DALE AND THOMAS ENGINEERING FOR CONSTRUCTION MANAGEMENT OF THE SALT CREEK GREENWAY TRAIL, BRIDGE REHABILITATION PROJECT IN AN AMOUNT NOT TO EXCEED \$40,992.11

Passed: July 19, 2018
Approved: July 19, 2018

I, Shirley J. Siebert, as the Clerk for the City of Wood Dale, hereby certify that the attached is a true and correct copy of **#R-18-45 A RESOLUTION SEEKING TO APPROVE A CONTRACT BETWEEN THE CITY OF WOOD DALE AND THOMAS ENGINEERING FOR CONSTRUCTION MANAGEMENT OF THE SALT CREEK GREENWAY TRAIL, BRIDGE REHABILITATION PROJECT IN AN AMOUNT NOT TO EXCEED \$40,992.11** passed and approved by the by the City Council of the City of Wood Dale on July 19, 2018 and hereby published in pamphlet form on July 19, 2018.



Shirley J. Siebert
City Clerk

SEAL



RESOLUTION NO. R-18-45

**A RESOLUTION SEEKING TO APPROVE A CONTRACT BETWEEN THE CITY OF
WOOD DALE AND THOMAS ENGINEERING FOR CONSTRUCTION
MANAGEMENT OF THE SALT CREEK GREENWAY TRAIL BRIDGE
REHABILITATION PROJECT IN THE NOT TO EXCEED AMOUNT OF \$40,992.11**

WHEREAS, the City of Wood Dale (hereinafter the "City") is a body politic and corporate, organized and existing pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1 *et seq.*; and

WHEREAS, the City is authorized and empowered under the Illinois Municipal Code, and its Ordinances adopted pursuant thereto, to enter into agreements and to contract for goods and services; and

WHEREAS, the Mayor and the City Council of the City seek to ensure that the City is run effectively and efficiently; and

WHEREAS, the Mayor and the City Council of the City, seeks Thomas Engineering for Construction Management of the Salt Creek Greenway Trail Rehabilitation Project; and

WHEREAS, these services are necessary to maintain and promote an effective and efficient City Government; and

WHEREAS, after diligent review of the qualifications and services of Thomas Engineering the Mayor and the City Council find Thomas Engineering is the most qualified firm to perform the duties sought by the City; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF WOOD DALE, DUPAGE COUNTY, AN ILLINOIS CORPORATION, as follows:

SECTION 1: The recitals set forth above are incorporated herein and made a part hereof.

SECTION 2: The Mayor is authorized to execute said Agreement on behalf of the City of Wood Dale, which signature shall be attested to by the City Clerk.

SECTION 3: The City Manager, staff and/or the City Attorney shall take the steps necessary to put the terms and conditions of the Agreement into effect.

SECTION 4: That all ordinances and resolutions, or parts thereof in conflict with the provisions of this Resolution are, to the extent of such conflict, hereby repealed.

SECTION 5: That this Resolution shall be in full force and effect from and after its adoption, approval and publication in pamphlet form as provided by law.

PASSED this 19th day of July, 2018

AYES: 4

NAYS: R. Wesley

ABSENT: Messina

APPROVED this 19th day of July, 2018

SIGNED: Annunziato Pulice
Annunziato Pulice, Mayor

ATTEST: Shirley J. Siebert
Shirley J. Siebert, City Clerk



762 Shoreline Drive
Suite 200
Aurora, IL 60504

June 19, 2018

Mr. Ken Rubach
Assistant Director of Public Works
City of Wood Dale
720 North Central Avenue
Wood Dale, IL 60191

**Re: Phase III Professional Engineering Services Proposal for Bridge Repairs
Salt Creek Greenway Trail Bridge over Irving Park Road**

Dear Mr. Rubach:

Thomas Engineering Group, LLC (TEG) respectfully submits the enclosed proposal to the City of Wood Dale. TEG is enthusiastic about the opportunity to work with the City to provide Phase III professional engineering services for repairs to the Salt Creek Greenway Trail Bridge over Irving Park Road (SN 022-7351) during construction in 2018.

What separates us from the other firms is our service—our trademark is service at the highest grade®. TEG has been able to grow by servicing each client individually and bringing value to their community. We deliver large firm experience with small firm service. We are truly excited about this opportunity to work with the City.

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

- Enclosure: Written Proposal for Professional Engineering Services (Bridge Repairs)
- Exhibit A: Cost for Professional Services Breakdown (Part-Time Inspection Services)
- Exhibit B: Cost for Professional Services Breakdown (Full-Time Inspection Services)

Attachment: Engineering Agreement (2413 : Agreement for Professional Services with Thomas Engineering for Construction Management for



City of Wood Dale Phase III Professional Engineering Services (Bridge Repairs) Salt Creek Greenway Trail Bridge over Irving Park Road

The City of Wood Dale requires Phase III construction engineering services for repairs to the Salt Creek Greenway Trail Bridge over Irving Park Road (located approx. 41.9658N, 87.9936W). The existing bridge was built in 2002 and is comprised of 7 spans, has a continuous steel box girder superstructure with a 15' wide cast-in-place concrete deck. The total length of the bridge is ~773' with a maximum span of 140'.

**CITY OF WOOD DALE
SALT CREEK GREENWAY TRAIL BRIDGE
REHABILITATION PROJECT**

LIST OF SHEETS

- 1. TITLE SHEET
- 2. GENERAL NOTES AND FIELD BOOK OF MEASUREMENTS
- 3. GENERAL PLAN AND ELEVATION
- 4. APPROXIMATE BRIDGE SECTION
- 5. BRIDGE APPROACH AND SIDEWALK DETAILS
- 6. BRIDGE APPROACH DETAILS
- 7. BRIDGE AND PAVEMENT FINISH DETAILS

MINIMUM SPECIFICATIONS

- SECTION 01 - STANDARD SPECIFICATIONS AND MATERIALS
- SECTION 02 - GENERAL NOTES AND FIELD BOOK OF MEASUREMENTS
- SECTION 03 - BRIDGE APPROACH
- SECTION 04 - BRIDGE APPROACH AND SIDEWALK
- SECTION 05 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 06 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 07 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 08 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 09 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 10 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 11 - BRIDGE APPROACH AND SIDEWALK FINISHES
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- SECTION 99 - BRIDGE APPROACH AND SIDEWALK FINISHES
- SECTION 100 - BRIDGE APPROACH AND SIDEWALK FINISHES

LOCATION MAP

PROJECT INFORMATION

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

DATE OF ISSUE _____

SCALE _____

PROJECT LOCATION INFORMATION FOR EXPLANATION SHEETS

Thomas Engineering Group, LLC (TEG) recently prepared the design engineering plans for public advertisement, as directed by the City of Wood Dale. The bid opening was held on April 3, 2018 and the contract award was anticipated in April. However, no bids were received due to the wide array of primary work items, small quantities of various work elements, and the fact that subcontractors would be performing the majority of the work. Therefore, the City requested that improvements are separated into three (3) separate contracts with separate prime contractors as follows:

1. Painting and Staining Contract – largest contract will be advertised with local bid letting.
2. Masonry Repair Contract - small contract to be awarded by Village solicitation using RFP/letter - TEG to provide suggested vendors.
3. Steel Repair Contract - small contract to be awarded by Village solicitation using RFP/letter - TEG to provide suggested vendors.

The scope of work includes the following:

- ✓ Repair and tuck pointing CMU and concrete segmental block areas on abutment curtain wall and stairway structures,
- ✓ Clean CMU and concrete segmental block surfaces,
- ✓ Repair steel railings on stairway, bridge, and bridge approach.
- ✓ Clean and paint structural steel,
- ✓ Clean and paint steel pedestrian railings,
- ✓ Clean and stain substructure units, concrete block walls, and CMU stairway,
- ✓ Apply anti-graffiti protection coating on all stained surfaces.

The project will require an IDOT permit for work over Irving Park Road (IL-19). On behalf of the City of Wood Dale, TEG has applied for the IDOT Region One Highway Permit for work and/or impacts to IDOT right-of-ways. TEG will continue to work on behalf of the City and successful contractors to finalize the IDOT Region One Permit and permit bonds prior to construction.



Attachment: Engineering Agreement (2413 : Agreement for Professional Services with Thomas Engineering for Construction Management for



City of Wood Dale
Phase III Professional Engineering Services (Bridge Repairs)
Salt Creek Greenway Trail Bridge over Irving Park Road

The people identified for this project are qualified personnel and who are committed to providing long-term value for the City of Wood Dale. The following are brief descriptions of the personnel committed to this project and their roles on the team.

Project Principal:

Kevin VanDeWoestyne, P.E., ENV SP

Project Manager/Structural Engineer:

Nathan Holmer, P.E., S.E.

IDOT-Certified Bridge Inspection Program Manager – Element (ID 00830)

Mr. Holmer has 8+ years of bridge design experience and bridge inspection experience on projects throughout Illinois. For Nathan's most recent bridge inspection project he served as Bridge Inspection Team Leader for Wheaton bridge inspections.

Field Engineer:

Alejandro Zepeda

Mr. Zepeda is a project engineer with experience in construction management and inspection. He has knowledge and experience pertaining to bridge reconstruction, retaining walls, bituminous and concrete paving, water main installation, and earth excavation. His responsibilities include observation and documentation of roadway and bridge reconstruction projects.

SCOPE OF WORK

PHASE III –CONSTRUCTION ENGINEERING FOR THREE (3) SEPARATE CONTRACTS

PRE-CONSTRUCTION PHASE

1. Schedule and attend a pre-construction conference with the contractor, the City, and other applicable parties.
2. Conduct a Materials Meeting with the contractor and the City Material Testing Firm to identify aggregate and concrete mix sources, discuss back-up sources in case of plant problems and develop an overall plan for materials acceptance. Also review a list of proposed suppliers and subcontractors.
3. Verify plan quantities of major cost items and process any necessary change orders as quickly as possible. Review the plans and specifications in depth, verifying quantities, elevations and dimensions relevant to the project. Additionally, to possibly anticipate potential conflicts or issues and develop solutions prior to construction.
4. Review contractor's schedule for compliance with contract. Remind contractor that the schedule will be kept and will be discussed daily.
5. Obtain from the contractor a list of proposed suppliers and subcontractors. Make recommendations to Wood Dale regarding the suitability of the subcontractors for the proposed work.
6. Prepare a project contact list with names, addresses, phone and fax numbers (including 24 hr. contact numbers as applicable) for all contractors, subcontractors, engineering personnel, and material suppliers on the project.
7. Familiarize with all project permits and requirements.





City of Wood Dale Phase III Professional Engineering Services (Bridge Repairs) Salt Creek Greenway Trail Bridge over Irving Park Road

- 8. Set up field books, quantity book, diary, and other forms of documentation.
- 9. Prepare maintenance of traffic checklist and review MOT for improvements.
- 10. Notify residents and businesses via the City and/or TEG website, mailings or flyers of upcoming activities particularly road closures, temporary utility shut downs or removal of personal property from right-of-way.

CONSTRUCTION PHASE

- 1. Check and approve, or reject and request re-submittal of any submittals made by the contractor for compliance with the contract documents.
- 2. Observe the progress and quality of the executed work. Determine if the work is proceeding in accordance with the Contract Documents. TEG will keep Wood Dale informed of the progress of the work, guard Wood Dale against defects and deficiencies in the work, advise Wood Dale of all observed deficiencies of the work, and disapprove or reject all work failing to conform to the Contract Documents.
- 3. Maintain daily contact with the City. Inform them of progress on the project as well as any cost or quality related issues that may develop. Also help to coordinate between the contractor and any other agency officials that may have an interest in the project.
- 4. Maintain daily contact with the contractor to determine work schedules, material placement dates, and adherence to overall project schedule. Update the schedule on a weekly basis and compare updated completion dates with those specified in the contract, and inform the City of any discrepancies. Should the project fall behind schedule, work with the contractor and the City to determine appropriate action to get back on schedule.
- 5. Provide extensive on-site observations of the work in progress and field checks of materials and equipment through the Field Engineer or Inspector, who will:
 - a. Serve as the City liaison with the contractor working principally through the contractor's field superintendent.
 - b. Attend all construction conferences. Arrange a schedule of progress meetings and other job conferences as required. Maintain and circulate copies of records of the meetings.
 - c. Perform periodic barricade checks. The inspection shall be made between sunset and sunrise. Notify the contractor of, and take appropriate steps to correct, any deficiencies noted.
 - d. Maintain orderly files of correspondence, reports of job conferences, shop drawings and other submissions, reproductions or original contract documents including all addenda, change orders and additional drawings issued subsequent to the award of the contract.
 - e. Prepare payment requisitions and change orders. Review applications for payment with the Contractor for compliance with established submission procedure and forward them with recommendations to Wood Dale. Provide the City a regular update on estimated final costs of the project. This will involve timely incorporation of any change orders and accurate quantity take-offs of remaining items.

Attachment: Engineering Agreement (2413 : Agreement for Professional Services with Thomas Engineering for Construction Management for





City of Wood Dale Phase III Professional Engineering Services (Bridge Repairs) Salt Creek Greenway Trail Bridge over Irving Park Road



- f. Prior to final inspection, submit to the contractor a list of observed items requiring correction and verify that each correction has been made.
- g. Review contractor's progress on a regularly scheduled basis (weekly or other appropriate interval) and update the progress schedule. Compare actual progress to the contractor's approved schedule. If the project falls behind schedule, work with the contractor to determine the appropriate course of action to get back on schedule. TEG will be proactive in tracking the project, monitoring progress, anticipating and responding to potential conflicts that could delay completion and working with the contractor to expedite the completion of the work whenever possible, always mindful of impacts to the project budget.
- h. Alert the contractor's superintendent when any work is being performed prior to acceptance of shop drawings or samples and advise the City when it is necessary to disapprove any work failing to conform to the contract documents.
- i. Verify that all items on the final list have been corrected and make recommendations to Wood Dale concerning project acceptance.
- j. Except upon written instructions of Wood Dale, the Resident Engineer or Inspector shall not authorize any deviation from the Contract Documents.

Keeping everyone safe is the first step to a successful project. The City will be informed of the Contractor's schedule to make sure everyone is on the same page. Safe vehicular and pedestrian access will be a critical issue on this project. Residents will need to be safely redirected around the construction zone. As with any construction project, inconveniences will occur. It is the responsibility of the project team to work together to minimize the impacts.

Attachment: Engineering Agreement (2413 : Agreement for Professional Services with Thomas Engineering for Construction Management for





City of Wood Dale
Phase III Professional Engineering Services (Bridge Repairs)
Salt Creek Greenway Trail Bridge over Irving Park Road

COST PROPOSAL

Based on staff availability and matching qualifications, TEG proposes our structural engineer, Nathan Holmer, P.E., S.E., to oversee major structural elements of the work, along with a construction engineer, Alejandro Zepeda, to oversee non-structural components.

It is anticipated that the City of Wood Dale may prefer to have inspection services on a full-time basis to inspect construction activities, oversee traffic control operations, coordinate with the public, field complaints, and coordinate with the residents and motorists. Therefore, we have provided two (2) options for the City to choose from. Both Alternatives assume construction in 2018, therefore, the cost estimate of consultant services (CECS) are based on 2018 billing rates.

Alternate A consists of field inspection on a part-time basis, or roughly half of the time. Alternative A is based on 20 hours per week for up to 9 weeks (45 days/ 5 days per week). Alternate B includes inspection on a full-time basis so that TEG personnel are present at all times when the contractor is working on site. Alternative B is based on 40 hours per week for up to 9 weeks (45 days/ 5 days per week).

The estimate of person-hours and associated not-to-exceed cost for Phase III professional engineering services is based on having all construction contracts completed within 9 weeks. It is anticipated that the City will compensate the consultant for any time in excess of 9 weeks caused by separate construction contract durations. TEG proposes to close out each project within 30 days after all construction and punch list items are completed.


While we believe that this estimate accurately reflects our best effort at understanding the scope of work as described in our proposal, we understand that the City may interpret the scope differently and may seek to add, subtract, or modify the scope or level of effort contained herein. TEG is excited to serve the City of Wood Dale and is dedicated to providing outstanding service and content.

Total Cost (Alternate A) = \$26,930.51


Total Cost (Alternate B) = \$40,992.11

Please to attached CECS worksheets.



City of Wood Dale - Salt Creek Greenway Pedestrian Trail Bridge Rehabilitation - Construction Services									
Exhibit A: Cost for Professional Services Breakdown (Part-Time Inspection Services*)									
 Thomas Engineering Group, LLC	Admin	Construction Services			Total Hours	% of Hours	Labor Cost	Multiplier 2.8	Total Cost
	Project Principal:	Project Manager/Structural Engineer:	Field Engineer:						
Rate	\$70.00	\$47.66	\$27.00						
Project Administration	2	4	0	6	2.3%	\$330.64	\$925.79	\$925.79	
Preconstruction Meetings x 3	6	6	0	12	4.6%	\$705.96	\$1,976.69	\$1,976.69	
Contract Coordination & Scheduling	2	12	0	14	5.3%	\$711.92	\$1,993.38	\$1,993.38	
IDOT Coordination	4	8	0	12	4.6%	\$661.28	\$1,851.58	\$1,851.58	
Product Submittal Reviews	0	12	2	14	5.3%	\$625.92	\$1,752.58	\$1,752.58	
Construction Inspection	0	40	140	180	68.7%	\$5,686.40	\$15,921.92	\$15,921.92	
Project Closeout x 3	0	12	12	24	9.2%	\$895.92	\$2,508.58	\$2,508.58	
Subtotal	14	94	154	262					
% of Hours	5.34%	35.88%	58.78%		100%				
Total Cost	\$980.00	\$4,480.04	\$4,158.00			\$9,618.04	\$26,930.51	\$26,930.51	
Total Cost Estimate of Consultant Services:								\$26,930.51	
*Assumes 20 hours per week for up to 9 weeks (45 days/ 5 days per week)									
Project Principal: Kevin VanDeWoesyten, P.E., ENV SP Project Manager/Structural Engineer: Nathan Holmer, P.E., S.E. Field Engineer: Alejandro Zepeda									

Attachment: Engineering Agreement (2413 : Agreement for Professional Services with Thomas

City of Wood Dale - Salt Creek Greenway Pedestrian Trail Bridge Rehabilitation - Construction Services								
Exhibit B: Cost for Professional Services Breakdown (Full-Time Inspection Services*)								
 Thomas Engineering Group, LLC	Admin	Construction Services		Total Hours	% of Hours	Labor Cost	Multiplier 2.8	Total Cost
	Project Principal: Rate	Project Manager/Structural Engineer: \$47.66	Field Engineer: \$27.00					
Project Administration	2	4	0	6	1.3%	\$330.64	\$925.79	\$925.79
Preconstruction Meetings x 3	6	6	6	18	4.0%	\$867.96	\$2,430.29	\$2,430.29
Contract Coordination & Scheduling	2	12	0	14	3.1%	\$711.92	\$1,993.38	\$1,993.38
IDOT Coordination	4	8	0	12	2.7%	\$661.28	\$1,851.58	\$1,851.58
Product Submittal Reviews	0	12	2	14	3.1%	\$625.92	\$1,752.58	\$1,752.58
Construction Inspection	0	40	320	360	80.4%	\$10,546.40	\$29,529.92	\$29,529.92
Project Closeout x 3	0	12	12	24	5.4%	\$895.92	\$2,508.58	\$2,508.58
Subtotal	14	94	340	448				
% of Hours	3.13%	20.98%	75.89%		100%			
Total Cost	\$980.00	\$4,480.04	\$9,180.00			\$14,640.04	\$40,992.11	\$40,992.11
Total Cost Estimate of Consultant Services:								\$40,992.11
*Assumes 40 hours per week for up to 9 weeks (45 days/ 5 days per week) Project Principal: Kevin VanDeWoestyne, P.E., ENV SP Project Manager/Structural Engineer: Nathan Holmer, P.E., S.E. Field Engineer: Alejandro Zepeda								

Attachment: Engineering Agreement (2413 : Agreement for Professional Services with Thomas