



Engineering and Land Surveying, P.C.

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Via email: Lisa Ramundo: Lisa.Ramundo@albanycountyny.gov

May 30, 2019

Ms. Lisa M. Ramundo
Commissioner
Albany County Department of Public Works
449 New Salem Road
Voorheesville, NY 12186

RE: Design and Construction Inspection for the Albany County Rail Trail over
New Scotland Road (NY Route 85) Bridge Replacement Project
Albany County Resolution No. 455 for 2018
Scope of Work for Development of Supplemental Agreement No. 3

Ms. Ramundo,

M.J. Engineering and Land Surveying, P.C. (MJ) is submitting this scope of work for the development of a Supplemental Agreement per your request through correspondence with our office.

BACKGROUND

MJ has been progressing information and developing preliminary engineering options for the above subject project. The County also requested that MJ compile and document additional work requests that are beyond the original scope of work. The requested tasks identified below have been requested by either the Albany County DPW office or the Albany County Executive office.

The associated additional Scope of Services are identified below:

SCOPE OF WORK

Task 1 – Enhanced Design Report

The original contract and scope required the development of two (2) different superstructure type alternatives for a replacement bridge project. One of the options requested was a prefabricated truss. The original scope of work included submission of a preliminary plan, elevation and cost estimate to be presented to the County for consideration, according to §4.12 of the original contract. Due to outside agency and public involvement projected for this project, additional information was requested by the County to be documented including review/analysis of the rehabilitation option. The design information deliverable originally intended per the RFP scope of work has been requested to be changed to a full NYSDOT style Design Approval Document (DAD). Additional scope of work items include:

1. Develop a Design Approval Document per the NYSDOT Project Development Manual.
2. Investigate five (5) different design alternatives, including the null alternative, two (2) rehabilitation options, and two (2) replacement options.



3. Develop cost estimates for each alternative, as well as preliminary plans.
4. The two (2) rehabilitation options include:
 - a. Rehabilitation of the existing structure as it stands today.
 - b. Rehabilitation of the existing structure and raise the existing superstructure to meet current NYSDOT vertical clearance requirements.
5. Complete all necessary studies and research to completely fill out the NYSDOT Design Report, including the side by side comparison of all the alternatives, crash analysis, development of design criteria, design objectives, grant investigations, etc.
6. Develop necessary appendices to provide the technical back up of the information within the design report.

Task 2 – Preparation of Renderings

Per the original scope of work, no renderings were assumed or anticipated to be developed. Additional scope of work items include:

1. Requested renderings to be developed include (total of three (3) renderings):
 - a. One (1) rendering for the rehabilitation option (in place only).
 - b. One (1) rendering for the two-girder superstructure replacement option.
 - c. One (1) rendering for the prefabricated truss replacement option.
2. The renderings will depict the superstructure type, depicting the vertical differences between the alternatives, as well as the finish to the steel elements.
3. The landscaping around the alternatives will depict the final constructed condition. A future condition depicting the full-grown vegetation will be prepared (only if requested).
4. The streetscape below the structure will depict the roadway geometry including the travel lanes, shoulders, and sidewalk configurations that is proposed for each of the three (3) renderings.
5. Lighting for the rehabilitation rendering will be shown only. An aesthetic treatment will be shown on the existing retaining wall elements per the direction of the County. Photos of other wall treatment types will be shown separately from the renderings as example photos.

Task 3 – Design Charrette

From the original scope, §4.16, two (2) public meetings were assumed. The County has requested an additional Design Charrette meeting to discuss the design alternatives and project objectives with the stakeholders only. Additional scope of work items include:

1. Organize, coordinate and moderate the design Charrette between the County and the stakeholders for the project.
2. Preparation of meeting materials including a PowerPoint presentation and renderings (see Task 2).



3. Prepare list of written public comments that were received to date from the May 1, 2019 Public Information meeting.
4. Prepare meeting minutes and send to all the attendees for review. Upon ten (10) business days, MJ will address any provided comments received and issue the final minutes to all the attendees for project record.
5. Document decisions and/or action items from the meeting that may be included in the Design Approval Document (DAD).
6. The information received from Public Meeting No. 1 and the Design Charrette will be the foundation in developing the information to be presented Public Meeting No. 2.

Task 4 – Design Coordination & Meetings

From the original scope, §4.12 and §4.17, coordination with the NYSDOT and SHPO was anticipated. Two (2) meetings were held and attended by MJ prior to contract execution and per agreement with MJ in order to progress the project while the contract was being procured. One meeting was held on September 26, 2018 with the Town of Bethlehem and the other meeting was held on October 3, 2018 with the Preservation League of New York State. The labor and coordination effort for these two (2) meetings was agreed to not be considered part of the original contract nor subsequent supplemental agreements. Additional meetings have been held with entities after contract execution not previously identified in the original scope of work. Additional scope of work items include:

1. MJ coordinated and attended a meeting with the Town of Bethlehem and the town historian to discuss and coordinate potential replacement superstructure options. Meeting minutes were prepared and distributed for project record.
2. MJ is anticipating that a meeting with the Town and their Historian will be required if the Replacement option is the chosen preferred alternative. MJ will coordinate with the Town of Bethlehem and historian as well as the NYS Preservation League to determine use/placement of the existing girders at another location along the trail or establish a “memorial” with plaques documenting the history of the crossing.

ASSUMPTIONS AND TASKS NOT INCLUDED IN THIS PROPOSAL

This Agreement has been prepared assuming the following:

- A. Three (3) total renderings will be developed.
- B. It is anticipated that one minor revision for each rendering will be completed prior to the design charrette after County Review and then a revision after the Charrette to depict the agreed upon elements for each alternative.



- C. Albany County will provide MJ with a list of stakeholders, labeling the critical stakeholders, to allow for proper coordination in setting up the Design Charette.
- D. Following the second Public Meeting, Albany County will select the preferred alternative to be progressed during final design.

SCHEDULE

The Design Charette meeting schedule is pending ongoing coordination with the County regarding the approval of this agreement and completion of the renderings.

MJ is immediately available for questions or comments regarding this developed scope of work.

If you have any questions regarding this proposal, please contact me at (518) 371-0799. If the County concurs with these items as out of scope, MJ will develop a draft Supplemental Agreement No. 3 for County Review.

FEE

MJ proposes to complete the above-listed work and services, including the Scope of Work, for the following **lump sum fee**. Additional work, if requested that is not specified in or arising out of this proposal will be completed under a separate agreement.

Task	Description	Cost
1	Enhanced Design Report	\$14,900.00
2	Preparation of Renderings	\$7,600.00
3	Design Charrette	\$7,100.00
4	Design Coordination & Meetings	\$1,400.00
	Total Lump Sum Cost:	\$31,000.00

These estimated fees assume there are no significant changes resulting from decisions, conditions and/or events beyond MJ's control.

Sincerely,

Michael D. Panichelli, P.E.
President



AUTHORIZATION TO PROCEED

I hereby authorize M.J. Engineering and Land Surveying, P.C. to proceed with the scope of services as described in this supplemental proposal.

Printed Name

Title

Signature

Date