

PROJECT UNDERSTANDING AND SCOPE

The Glass Factory Road bridge features an open grate steel deck supported by steel girders, stringers, and rocker bearings, with concrete gravity abutments founded on rock. Based on our previous field inspections for structural flag repairs, the existing steel framing is in good condition and will remain in place. However, the open grate steel decking has exceeded its useful life and needs replacement. The decking shows section loss throughout the main and distribution bars, and the rocker bearings are tipping over. The substructures are in good condition with minimal work expected, but field inspections will check for any deficiencies requiring repair.

The proposed decking options include a 9½" cast-in-place concrete isotropic deck or a lighter half-filled steel grate exodermic concrete deck, depending on the existing girder and substructure capacity. Both options will make the bridge composite. Since the abutments are founded on rock, the additional dead load from the new, heavier, deck options is not expected to affect bearing capacity. The existing rocker bearings will be replaced with new elastomeric bearings to support the heavier deck. All bridge components will be load-rated to meet the current New York State Department of Transportation (NYSDOT) standards and requirements for bridge design. Additionally, the bridge and transition railings will be upgraded to comply with current NYSDOT standards. Minimal roadway reconstruction and asphalt pavement resurfacing will be required to transition the grade up to the deck and create a smooth profile.

Design Tasks:

The project consists of the following tasks:

- Design (implementation, design development, and comments)
- Construction support
- As-needed construction inspection

Deliverables:

The project contains the following deliverables:

- Preliminary Memo and Cost Estimate
- Final Plans & Estimate
- Bid Documents
- Record Plans

Assumptions:

- Soil borings are not anticipated since bedrock is visible from the surface and the existing abutments are observed to be founded on rock.
- The County will provide existing record plans and other project related information on file including past bridge inspection reports.
- Underground utility locations will rely on available information from the County and utility companies. Private utility relocation coordination is not part of this proposal.
- Hydraulic analysis is not required for deck replacement. The hydraulic opening and low chord elevations will remain unchanged.
- Environmental permitting is not required as there will be no in-stream work associated with this project.
- Offsite detours are assumed for this deck replacement project.
- One update following County review is anticipated.
- The County is responsible for bidding, construction contract administration, material testing, and construction inspection.
- The deck design options will be assessed for compatibility with the existing steel girders and substructure.
- Two conference calls will occur during the duration of this agreement.
- One construction cost estimate and one update are included.
- Survey-grade control and benchmarks will be established based on the New York State Plane coordinate system, NAD 83, central zone, with the vertical datum NAVD 88.
- The survey will adhere to National Mapping Standards and be plotted on a scale of 1"=40'.
- Prevailing wage rates are included in this proposal.
- Property boundary survey and stream cross section survey is not included in this proposal.
- Right-of-way acquisition is not anticipated and not included in this proposal.
- Coordination with adjacent property owners, if necessary, will be handled by the County.

PROJECT TEAM AND SUBCONSULTANTS

Fisher is excited to present the following team that we have selected for your project. Our structural engineers are experts in the evaluation and inspection of existing concrete and steel structures, as well as in determining new structure types and designs based on site-specific considerations. We have extensive experience working for municipalities throughout New York State in which we successfully addressed a variety of challenges from environmental issues and utility relocations to right of way and community involvement. With our experience and knowledgeable staff, we will ensure the success of your project! Below are the key engineers, technicians, and designers we have selected for your project. All staff are available and firmly committed to completing your project. We have several projects that are currently in the final design phase and are being advertised for construction. Therefore, our staff is available to take on new design assignments.

Principal in Charge, Emily Smith, P.E., boasts over 21 years of robust experience leading transportation projects that align with current design and reporting standards. Her role includes overseeing and conducting quality assurance reviews for all project submissions. Renowned for her client-focused methodology and meticulous attention to detail, Emily brings a wealth of diverse experience managing multi-disciplinary transportation projects, ensuring a comprehensive review of all plan components. Her extensive portfolio encompasses over 65 locally administered projects, spanning both new construction and rehabilitation, with a combined value exceeding \$600 million.

Project Manager, Dana White, P.E., brings ten years of diverse experience in civil engineering, specializing in culvert design and locally funded projects. With her expertise, Dana collaborates closely with Emily to efficiently manage and ensure the timely completion of your project. Her background includes successfully overseeing similar culvert projects, particularly box culverts, making her an ideal leader for this endeavor. Dana is currently managing two locally funded culvert projects with Oneida County, nearing the construction phase, and is well-versed in our processes, ensuring optimal efficiency throughout.

Lead Structural Engineer, Brian Haas, P.E. has extensive structural design experience, including reinforced concrete for building foundations and bridge abutments, concrete restoration, precast concrete box culverts and wingwalls, reinforced masonry design, prestressed bridge beams, structural steel for beams, columns, building frames, and bridge girders underground utility replacement, bridge inspection, truss bridge rehabilitation, timber design, and structural load ratings for bridges.

Should ROW mapping be identified for a project site, Fisher Associates has the expertise to prepare maps for use by the County for any necessary acquisitions. We have provided rates for our PLS staff should this service be needed.

SUBCONSULTANT

For survey, we have teamed with local surveyor **Emrich Land Surveying**, 26 Pine Street, Ilion, NY 13357, who will provide site survey and mapping for each project location. Emrich is strategically positioned to provide a cost-effective survey that meets the needs for each site. Geotech solicitations for soil borings will occur following notice of award.

REQUIRED FORMS

- Signed **Appendix A** – Non Collusion Certification
- Signed **Appendix B** – Iran Divestment Act Certification
- Signed **Appendix C** – Solid Waste Certification
- Signed **Appendix D** – Statement on Sexual Harassment
- Completed **Appendix F** – Fee Proposal
- Billable hourly rate schedule including sub-consultants.

Appendix A
Non Collusion Certification

--The following section is an excerpt from the General Municipal Law.

103-d Statement of Non-Collusion in Bids and Proposals to Political Subdivision of the State

1. Every bid or proposal hereafter made to a political subdivision of the State or any public department, agency or official thereof where competitive bidding is required by statute, rule, regulation or local law, for work or services performed or to be performed or goods sold or to be sold, shall contain the following statement subscribed by the Bidder and affirmed by such Bidder as true under the penalties of perjury: Non-collusive Bidding Certification.

a) By submission of this Bid, each bidder, and each person signing on behalf of any Bidder, certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of their knowledge and belief.

1) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor;

2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to opening, directly or indirectly to any other Bidder or to any competitor; and

3) No attempt has been made or will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for restricting competition.

b) A Bid shall not be considered for award nor shall any award be made where (a), (1), (2) and (3) above have not been complied with; provided however, that if in any case the Bidder cannot make the foregoing certification, the Bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons

therefore. Where (a), (1), (2) and (3) above have not been complied with, the bid shall not be considered for award nor shall any award be made unless the head of the Purchasing unit of the political subdivision, public department, agency or official thereof, to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

The fact that a Bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customers of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure within the meaning of subparagraph one (a).

2. Any bid hereafter made to any political subdivision of the state or any public department, agency or official thereof by a corporate Bidder for work or services performed or to be performed or goods sold or to be sold, where competitive bidding is required by statute, rule, regulation, or local law, and where such bid contains the certification referred to in subdivision one of this section, shall be deemed to have been authorized by the Board of Directors of the Bidder, and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation.

This is to certify that we have not been disqualified to contract with any municipality and we are in a position to accept any contract subject to the provisions of Section 103-d of General Municipal Law.

Submitted By

Fisher Associates, P.E., L.S., L.A., D.P.C.
(Legal Name of Person, Firm or Corporation)

Name: Emily M. Smith, P.E.

Title: Vice President / Director of Transportation

Signature: 

Date: September 19, 2024

(SIGN AND RETURN WITH PROPOSAL)

Appendix B
Iran Divestment Act - Certification

Pursuant to New York State Finance Law §165-a, Iran Divestment Act of 2012, the Office of General Services is required to post on its web site <http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf> a list of persons who have been determined to engage in investment activities in Iran (“the List”), as defined in that Act. Under Public Authorities Law § 2879-c, Iranian Energy Sector Divestment, the Authority, may not enter into or award a Contract unless it obtains a certification from a Bidder, who shall check the box and make the certification in Subparagraph a, below, that they are not on the List. If that certification cannot be made, the Authority may consider entering into a Contract, on a case by case basis if the Bidder checks the box and makes the certification in Subparagraph b, below, that their Iran investment is ceasing.

For purposes of this provision, a person engages in investment activities in Iran if: (A) the person provides goods or services of twenty million dollars or more in the energy sector of Iran, including a person that provides oil or liquefied natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran; or (B) the person is a financial institution that extends twenty million dollars or more in credit to another person, for forty-five days or more, if that person will use the credit to provide goods or services in the energy sector in Iran.

The Certification is as follows:

Certification that the Bidder is not on the List: Each person, where person means natural person, corporation, company, limited liability company, business association, partnership society, trust, or any other nongovernmental entity, organization, or group, and each person signing on behalf of any other party, certifies, and in the case of a joint bid or proposal or partnership each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each person is not on the list created pursuant to paragraph (b) of subdivision 3 of section 165-a of the State Finance Law.

By submission of this bid, each Bidder and each person signing on behalf of any Bidder certify, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of section 165-a of the State Finance Law.

I certify under penalty of perjury that the foregoing is true.

Submitted By

Fisher Associates, P.E., L.S., L.A., D.P.C.

(Legal Name of Person, Firm or Corporation)

Name: Emily M. Smith, P.E.

Title: Vice President / Director of Transportation

Signature: 

Date: September 19, 2024

(SIGN AND RETURN WITH PROPOSAL)

Appendix C
Recycling and Solid Waste Management Certification Form for Oneida County Contracts

The Oneida County Board of Legislators at its May 26, 1999 meeting passed Resolution #249 dealing with the inclusion of recycling and solid waste management provision in Oneida County contract. All waste and recyclables generated by the contracting party shall be delivered to the facilities of the Oneida-Herkimer Solid Waste Authority.

REGULATORY COMPLIANCE

- (a) The Contractor agrees to comply with all applicable Federal, State and Local Statutes, rules and regulations as some may from time to time be amended pursuant to law.

- (b) Pursuant to Oneida County Board of Legislator Resolution No. 249 of May 26, 1999, the Contractor agrees to deliver exclusively to the facilities of the Oneida-Herkimer Solid Waste Authority, all wastes and recyclables generated within the Authority's service area by performance of this contract by Contractor and any subcontractors. Upon awarding of this contract, and before work commences, the Contractor will be required to provide Oneida County with proof that Resolution No. 249 of 1999 has been complied with, and that all wastes and recyclables in the Oneida-Herkimer Solid Waste Authority's service area which are generated by the Contractor and any subcontractors in performance of this contract will be delivered exclusively to Oneida-Herkimer Solid Waste Authority facilities.

CERTIFICATION STATEMENT

"I certify that I understand and agree to comply with the terms and conditions of the Oneida County Recycling and Solid Waste Management Program (R-249). I further agree to provide Oneida County proof of such compliance.

Submitted By

Fisher Associates, P.E., L.S., L.A., D.P.C.

(Legal Name of Person, Firm or Corporation)

Name: Emily M. Smith, P.E.

Title: Vice President / Director of Transportation

Signature: 

Date: September 19, 2024

(SIGN AND RETURN WITH PROPOSAL)

Appendix D
Statement on Sexual Harassment in Accordance with New York State Law

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that the bidder has and has implemented a written policy addressing sexual harassment prevention in the workplace and provides annual sexual harassment prevention training to all of its employees. Such policy shall, at a minimum, meet the requirements of Section 201-g of the Labor Law.

Submitted By

Fisher Associates, P.E., L.S., L.A., D.P.C.
(Legal Name of Person, Firm or Corporation)

Name: Emily M. Smith, P.E.

Title: Vice President / Director of Transportation

Signature: 

Date: September 19, 2024

(SIGN AND RETURN WITH PROPOSAL)

**Appendix F
Proposals Form**

We submit the following fee proposal for Engineering Design Services for:

Bridge Deck Replacement of Glass Factory Road BIN 3311050 over Nine Mile Creek, Town of Trenton.

Lump Sum Fee Written in Numbers: \$29,750.00

Contingency Fee (Per Section 3.8.6): \$7,500.00

Total Fee Written in Numbers: \$37,250.00

Thirty seven thousand two hundred fifty dollars and no cents.

Total Fee Written in Words

In case of conflict between the fees above, the fee written in words will control.

By signing below, I hereby certify that I have the authority to offer this Proposal to the County of Oneida for the above listed individual or company, upon the terms contained in the RFP. I certify that I have the authority to bind myself/this company in an Agreement should I be successful in my proposal.\

Fisher Associates, P.E., L.S., L.A., D.P.C.
Legal Name of Persons, Firm or Corporation

180 Charlotte Street, Rochester, NY 14607
Address


Signature

Emily M. Smith, P.E., Vice President / Director of Transportation
Name and Title

September 19, 2024
Date

BILLABLE HOURLY RATE SCHEDULE

Fisher Associates

<u>Category</u>	<u>Billing Rate</u>
Principal-in-Charge	\$230/hr
Project Manager	\$210/hr
Project Engineer	\$170/hr
Design Engineer	\$140/hr
Senior Designer	\$140/hr
Engineer II	\$125/hr
Engineer I	\$110/hr

Emrich Land Surveying

<u>Category</u>	<u>Billing Rate</u>
Surveyor/Technician (ST-1)	\$56/hr (w/CAD \$76)
Surveyor/Technician (ST-2)	\$66/hr (w/CAD \$86)
Surveyor/Technician (ST-3)	\$76/hr (w/CAD \$96)
Senior Surveyor/Designer	\$94/hr (w/CAD \$114)
Professional Land Surveyor	\$120/hr (w/CAD \$140)
Survey Field Crews (Prev. Wage)	
1 Person Crew	\$195/hr
2 Person Crew	\$245/hr
3 Person Crew	\$296/hr
Administrative Support Staff	\$38/hr