

County of  Saratoga
Board of Supervisors

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THEODORE T. KUSNIERZ, JR.
Chair of the Board

THERESE CONNOLLY
Clerk

Phil Barrett, Chair
Public Works Committee

PUBLIC WORKS COMMITTEE

AGENDA

August 4, 2021
4:00 PM

1. Welcome and attendance.
2. Approve minutes of June 2, 2021
3. Hadley-Luzerne Bridge fencing project - GPI Contract (Chad Cooke, Public Works)
4. Project updates (Chad Cooke, Public Works)
5. Any other business.
6. Adjournment.

Due to public health and safety concerns related to COVID-19, there is limited capacity in the Boardrooms. The public will have an opportunity to hear the meeting live via an audio signal using this call-in number and access code: Dial: 1-978-990-5145 Access Code: 1840389



SARATOGA COUNTY

AGENDA ITEM REQUEST FORM

TO: Steve Bulger, County Administrator
Ridge Harris, Deputy County Administrator
Michael Hartnett, County Attorney
Therese Connolly, Clerk of the Board

CC: Jason Kemper, Planning Director
Bridget Rider, Deputy Clerk of the Board
Matt Rose, Management Analyst
Clare Giammusso, County Attorney's Office

FROM:

DATE:

RE:

COMMITTEE:

1. Is a Resolution Required: **YES** or **NO**
(If YES, please complete #2- #10) (If NO, skip to #10 and provide reason for bringing the item)
2. Is a Budget Amendment needed: **YES** or **NO**
(If yes, budget lines and impact must be provided)
3. Are there Amendments to the Compensation Schedule: **YES** or **NO**
(If yes, provide details)
4. Specific details on what the resolution will authorize:
5. Does this item require hiring a Vendors/Contractors: **YES** or **NO**
 - a. Were bids/proposals solicited:
 - b. Is the vendor/contractor a sole source:
 - c. Commencement date of contract term:
 - d. Termination of contract date:
 - e. Contract renewal and term:
 - f. Contact information:
 - g. Is the vendor/contractor an LLS, PLLC or partnership:
 - h. State of vendor/contractor organization:
 - i. Is this a renewal agreement: **YES** or **NO**
 - j. Vendor/Contractor comment/remarks:



SARATOGA COUNTY

AGENDA ITEM REQUEST FORM

6. Is this an annual housekeeping resolution: **YES** or **NO**
(If yes, attach the last approved resolution)
- What were the terms of the prior resolution
 - Are the terms changing:
 - What is the reason for the change in terms:
7. Is a new position being created: **YES** or **NO**
- Effective date
 - Salary and grade
8. Is a new employee being hired: **YES** or **NO**
- Effective date of employment
 - Salary and grade
 - Appointed position:
 - Term:
9. Is a grant being accepted: **YES** or **NO**
- Source of grant funding:
 - Amount of grant:
 - Purpose grant will be used for:
 - Equipment and/or services being purchased with the grant:
 - Time period grant covers:
10. Remarks/Reasoning (Supporting documentation must be attached to this form):

**SARATOGA COUNTY DPW
HADLEY BRIDGE FENCING
SCOPE OF SERVICES**

Executive Summary

On June 30, 2021, Saratoga County DPW requested that Greenman-Pedersen, Inc. (GPI) prepare a scope and fee for the analysis and detailing of deterrent fencing along Hadley Bridge. Saratoga County will coordinate efforts with Warren County.

The Hadley Bridge spans over a rock gorge of the Hudson River. This is a popular but dangerous area for swimmers who jump off the bridge or surrounding rocks into very fast-moving water. The project objective is to fence off the bridge deck, fence off along the bridge to eliminate access below the bridge and fence off along the rock edge to eliminate jumping from the rocks.

GPI will perform a site visit, develop a protection plan, prepare fencing details, coordinate with local fence installers, prepare a construction cost estimate, and contract plans. Construction documents and specifications detailing this work will be prepared for bidding.

The below scope of services outlines these tasks.

SCOPE OF SERVICES

Task 1 – Data Collection and Analysis

Site Visit - The **Consultant** will perform a site visit to the Hadley Bridge to document the site. This will include performing measurements and field sketches of the abutments and pier and documenting and locating fixed objects within the project site.

Survey - The **Consultant** will provide terrain data required for design by means of a topographic field survey. The topographic survey will scan the rock surface along the bridge and river edge and establish ROW lines along the Saratoga and Warren County sides. The assumed length along the river is 850-feet. The assumed width of the rock ledge is 30-feet on both sides.

Design Mapping - The **Consultant** will provide the following design mapping:

- Provide 1" = 20' mapping (half size) consisting of plan view from field data.
- Locate all planimetric features within the project limits thru topographic survey.
- Above ground utilities will be located and coordinated with plans obtained from utility companies.
- Below ground utilities, if present, will be mapped based upon field demarcation and/or information such as design or as-built plans provided by the utility owners.
- Existing highway boundary and property lines will be shown on the base mapping based upon County provided information.

ROW Field Survey and Mapping - When authorized, the **Consultant** shall perform the ROW

SARATOGA COUNTY DPW
HADLEY BRIDGE FENCING
SCOPE OF SERVICES

field survey. All ROW survey and mapping work shall conform to the *ROW Mapping Procedure Manual*, the *Surveying Standards & Procedures Manual*, and the *CADD Standards & Procedure Manual*.

The **Consultant** will perform right-of-way survey needed to accurately determine the existing highway boundary of the County's and adjacent property owners and any easements within the project limits. The existing highway boundary will be added to the Design Mapping.

Task 2 - Prepare WZTC Plans

Based on the construction sequence, the **Consultant** will develop a work zone traffic control plan to perform the construction of the fencing on the bridge.

Task 3 - Prepare Fencing Details

The **Consultant** will develop plans, specifications, and contract documents for one (1) alternative to place fencing along the bridge fascia and below the bridge to deter access to the lower portion of the bridge and along the rock edge. Contract documents will include:

- Instructions to bidders.
- Bid documents.
- Contract language, including applicable federal provisions and prevailing wage rates.
- Special notes.
- Time restrictions of construction
- Specifications.
- Plans.
- A list of supplemental information available to bidders (i. e., record as-built plans, hazardous waste, lead analysis, etc.).
- Other pertinent information.

The **Consultant** will prepare quantity calculations and a construction cost estimate for the fence installation.

The **Consultant** will prepare construction bid documents and specifications for bidding.

Task 4 – Environmental Permits

The **Consultant** shall prepare environmental permits for the proposed fence work if needed.

Task 5 – Bid Analysis and Recommendation

The **Consultant** will attend the bid opening, review the bids and prepare the contractor recommendation to the County.

**SARATOGA COUNTY DPW
HADLEY BRIDGE FENCING
SCOPE OF SERVICES**

Task 6 – Construction Support and Intermittent Construction Inspection

Construction Support - The **Consultant** will provide design response to unanticipated or changed field conditions, analyze and participate in proposed design changes, and interpret design plans.

Work under this section will always be in response to a specific assignment from the **County** under one of the tasks below:

- In response to unanticipated and/or varying field conditions or changes in construction procedures, the **Consultant** will conduct on-site field reconnaissance and, where required, prepare Field Change Sheets modifying pertinent contract plan sheets.
- The **Consultant** will analyze and make recommendations on the implementation of changes proposed by the **County** or the construction contractor.
- The **Consultant** will interpret and clarify design concepts, plans and specifications.
- The **Consultant** will prepare the contracts and schedule, coordinate and attend preconstruction/construction progress meetings;
- The **Consultant** will review all contractor submittals as necessary;
- The **Consultant** will maintain and provide the **County** with a copy of written preconstruction and progress meeting minutes;
- The **Consultant** will prepare record plans. Submit two (2) full size and two (2) half size 11"x17" copies to the **County**;
- The **Consultant** will submit record drawings in digital format on a CD in Bentley Microstation Select Series 2 and in .pdf format;
- The **Consultant** will submit record specifications in both hard and digital format on a CD in both Microsoft Word and .pdf. formats, Windows XP Compatible;

Non-reimbursable items under this Section are:

- Corrections of design errors and omissions
- Straightforward interpretations of plans and designer intentions

Inspection

The **Consultant** must provide, to the satisfaction of the **County's** contract administration and construction inspection services from such time as directed to proceed until the completion of the final agreement and issuance of final payment for the contract. The **Consultant** must assume responsibility, as appropriate, for the administration of the contract including maintaining project records and processing payments. All requirements as per the approved Construction Management Plan will be performed, which will include:

- Scheduling and coordinating and attending preconstruction/construction progress meetings;
- Reviewing all contractor submittals as necessary;

**SARATOGA COUNTY DPW
HADLEY BRIDGE FENCING**

SCOPE OF SERVICES

- Perform part-time on-site construction inspections to determine conformance with the contract documents and to ensure quality workmanship. For the 2022 construction season, the following field staff is assumed to be provided:
 - one (1) part time NICET Level III inspector for the construction period, which is assumed to be September 2022
- Maintain and provide the **County** with a copy of written field inspection reports for all field visits and inspections;
- Maintain and provide the **County** with a copy of written preconstruction and progress meeting minutes;
- Digitally photograph the entire construction progress and provide the **County** with a digital diary of the project on a CD;
- Review, verify and approve contractor's monthly estimates and forward to the **County** for payment;
- Review, recommend and prepare contractor change order requests;
- Prepare record plans. Submit two (2) full size and two (2) half size 11"x17" copies to the **County**. It is assumed that the design engineer will provide electronic files of all design plans;
- Submit record drawings in digital format on a CD in Bentley Microstation Select Series 2 and in .pdf format; and
- Complete and submit to the **County** all required project close-out documents, including but not limited to shop drawings and material/field testing reports.

ASSUMPTIONS

1. No hazardous materials will require screening or testing.
2. Estimate 1 alternative will be analyzed.
3. Saratoga and Warren County will coordinate with the adjacent property owners.
4. It is assumed that no right of way or easements will be needed from the adjacent property owners.
5. Any permit fees and/or public notification will be paid by the **County**.

July 16, 2021

John Simkulet, PE
GPI Engineering
80 Wolf Road, Suite 300
Albany, NY 12205

Via email: jsimkulet@gpinet.com

RE: Topographic Survey cost proposal for a project located along the Hudson River in the Town of Hadley, Saratoga County and the Town of Lake Luzerne, Warren County, New York. Relative to an RFP dated June 30, 2021.

SCOPE OF SERVICES:

1. A field survey will be performed within the project limits as outlined on the attached Schedule A, to capture topographic field data of a 30' strip of land along the proposed fencing route, which extends under and around the existing bridge abutments and top of bank along the river for approx. 850 feet.
 - a. A topographic field survey will be conducted. Site features to be mapped will include ground surface types, guard rails, signposts, edge of woods, individual trees of 8" or greater.
 - b. Above ground utilities will be located and coordinated with plans obtained from utility companies. Below ground utilities, if present, will be mapped based upon field demarcation and/or information such as design or as-built plans provided by the utility owners.
 - c. All data captured will be relative to State Plane Coordinates, NAVD 88 vertical datum, and NAD83 horizontal datum.
 - d. If required, field data will be captured to determine the highway boundary and parcel boundaries of the adjoining properties.

2. Mapping will be prepared at a scale of 1" =20', showing contour data and improvements, and will include the following:
 - a. All data will be provided on NAVD 88 vertical datum and NAD 83 horizontal datum.
 - b. All features and improvements within the project limits, ground cover types, fencing, guardrails, signage. Utilities will be shown based on visible evidence, UFPO mark out, and mapping provided by the utility providers.

- c. Property lines and owner information will be shown per Warren and Saratoga County tax mapping, unless it is determined that it is required that we accurately determine the existing highway boundary and adjoining parcel boundaries.
 - d. All deliverables will be in AutoCAD 2021 Format, or another format as specified.
3. All work will be conducted following the Code of Practice for Land Surveys, prepared by The New York State Association of Professional Land Surveyors, last revised July 18, 1997.

SCHEDULE:

We will coordinate with your schedule. Field data capture is expected to be performed during Summer or Fall 2021.

FEE:

Fees are calculating using Prevailing Wage rates for the project area.

- 1. The fee to perform the above scope of services for the **Lake Luzerne** side of the project area, using tax mapping lines only is:.....\$ 3,200.00
- 2. The fee to perform the above scope of services for the **Lake Luzerne** side of the project area, including determining property boundaries (item 2c) is: \$ 4,100.00
- 3. The fee to perform the above scope of services for the **Hadley** side of the project area, using tax mapping lines only is:.....\$ 3,200.00
- 4. The fee to perform the above scope of services for the **Hadley** side of the project area, including determining property boundaries (item 2c) is:\$ 4,600.00
- 5. The fee to perform the above scope of services for the **entire project area** using tax mapping lines only is: \$6,250.00
- 6. The fee to perform the above scope of services for the **entire project area** including determining property boundaries (item 2c) is: 8,500.00

ASSUMPTIONS:

1. No additional site-specific safety training or safety measures will be required beyond our company safety policy that would adversely impact the cost or project schedule.
2. Any permissions required for access to the project site will be coordinated by GPI Engineering prior to the commencement of field data capture.
3. Work is to be performed Monday thru Friday, between the hours of 8:00am and 5:00 pm.
4. We will be notified upon authorization of work if UFPO mark out is required, and which fee item is required.

We appreciate the opportunity to provide you with this quote for professional surveying services and look forward to working with you.

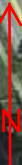
If you have any questions or concerns, please call me at 518.798.4692.

Sincerely,

Via email: jsimkulet@gpinet.com

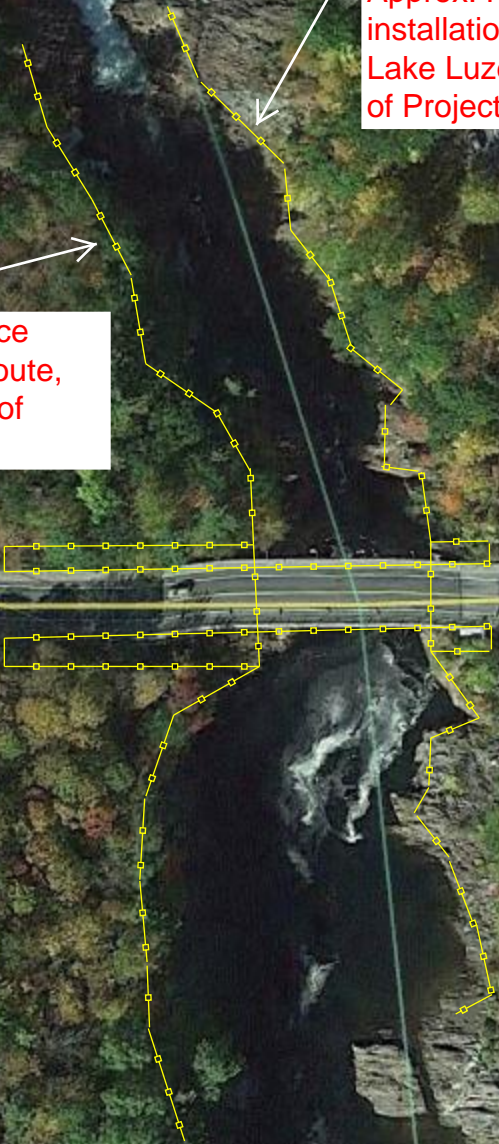
Kristin M. Darrah, PLS

Schedule A



Approx. Fence installation route, Lake Luzerne side of Project

Approx. Fence installation route, Hadley side of Project



Adirondack Park Preserve

Bridge St

4



SARATOGA COUNTY

AGENDA ITEM REQUEST FORM

TO: Steve Bulger, County Administrator
Ridge Harris, Deputy County Administrator
Michael Hartnett, County Attorney
Therese Connolly, Clerk of the Board

CC: Jason Kemper, Planning Director
Bridget Rider, Deputy Clerk of the Board
Matt Rose, Management Analyst
Clare Giammusso, County Attorney's Office

FROM: Chad M. Cooke, P.E.

DATE: July 27, 2021

RE: Project updates

COMMITTEE: Public Works

1. Is a Resolution Required: YES or NO
(If YES, please complete #2- #10) (If NO, skip to #10 and provide reason for bringing the item)
2. Is a Budget Amendment needed: YES or NO
(If yes, budget lines and impact must be provided)
3. Are there Amendments to the Compensation Schedule: YES or NO
(If yes, provide details)
4. Specific details on what the resolution will authorize:
Project updates for Vischer Ferry Road/Grooms Road intersection and Ashdown Road bridge replacement
5. Does this item require hiring a Vendors/Contractors: YES or NO
 - a. Were bids/proposals solicited:
 - b. Is the vendor/contractor a sole source:
 - c. Commencement date of contract term:
 - d. Termination of contract date:
 - e. Contract renewal and term:
 - f. Contact information:
 - g. Is the vendor/contractor an LLS, PLLC or partnership: No
 - h. State of vendor/contractor organization: NY
 - i. Is this a renewal agreement: YES or NO
 - j. Vendor/Contractor comment/remarks:



SARATOGA COUNTY

AGENDA ITEM REQUEST FORM

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 - Are the terms changing:
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8. Is a new employee being hired: YES or NO
- Effective date of employment
 - Salary and grade
 - Appointed position:
 - Term:
9. Is a grant being accepted: YES or NO
- Source of grant funding:
 - Amount of grant:
 - Purpose grant will be used for:
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10. Remarks/Reasoning (Supporting documentation must be attached to this form):

Vischer Ferry Road/Grooms Road Intersection

This project includes the installation of a traffic signal to replace a 4-way stop condition. Shop drawing review has been completed. The contractor is currently waiting for construction materials to be delivered and is expected to begin work within the next two (2) weeks. The signal is scheduled to be energized and operational by November 1st.

Ashdown Road Bridge Replacement

This project includes the replacement of a 159 ft 3-span steel girder bridge over CP Rail in the Town of Clifton Park. The project has experienced some delays due to extended lead times for construction materials. The scheduled re-opening of the bridge is currently set for October 1st.