



June 28, 2017

Mr. Chad Weyenberg, P.E.
Project Manager
City of Appleton DPW
100 North Appleton Street
Appleton, WI 54911-4799

Subject: Amendment No. 1 to Oneida Street Bridge Over Jones Park Agreement
Proposal for Roadway, Parking Lot, and Shared Use Path Design

Dear Mr. Weyenberg:

Patrick Engineering Inc. (Patrick) is pleased to submit this proposal to the City of Appleton (City) for the design, plan preparation, estimating, and bid document preparation services for the additional work included in the Oneida Street Bridge over Jones Park project. This proposal is submitted in accordance with the City's request, and is based on a scoping meeting held on Thursday, March 9, 2017 and subsequent conversations.

PROJECT UNDERSTANDING

As part of the Oneida Street Bridge over Jones Park project and the Jones Park Redevelopment project, the City of Appleton generally proposes to: (1) reconstruct a portion of Water Street from the intersection of Rocky Bleier Run to the east; (2) reconstruct Rocky Bleier Run including a shared use path along the south side of the roadway; (3) construct a parking lot under the Oneida Street bridges near Jones Park; (4) construct a shared use path along the north side of Water Street from the Oneida Street underpass to generally connect to the parking lot near Jones Park; (5) design an ADA compliant pedestrian ramp structure and staircase to provide access from the parking lot up to the intersection of Appleton Street and Lawrence Street; and (6) remove the existing stairs located in the northwest corner of the southbound Oneida Street Bridge over Jones Park.

Water Street will be reconstructed with an improved typical section and access considerations for a potential Bluff Site development. Rocky Bleier Run will be reconstructed with a lowered profile, improved typical section, access considerations for a potential Bluff Site development, a shared use path along the south side, and reconstructed/upsized storm sewer with potentially relocated storm water discharges. The parking lot under the Oneida Street bridges will be constructed with a lowered profile and maximized parking stalls. To maximize the parking lot size, retaining walls will be constructed along the north and south abutments of both northbound and southbound Oneida Street. A shared use path will be constructed to connect Water Street west of Oneida Street underpass to the south side of the parking lot. This may require a shared use path alignment parallel to the east side of Oneida Street and retaining walls located behind the Lawrence Academy, or a shared use path alignment along the north side of Water Street to Rocky Bleier Run. A pedestrian ramp structure, staircase, and extended wing wall will be constructed on either the north side or south side of the parking lot and will connect the parking lot to Appleton Street along the east side of Oneida Street. The staircase in the northwest corner will be removed and the site re-graded to match existing conditions and accommodate the proposed pedestrian ramp structure.



PROPOSED SCOPE OF SERVICES

Patrick proposes the following Scope of Services for the Amendment to this Project in accordance with the Scoping Meeting Minutes dated March 9, 2017 and subsequent conversations:

Task 1. Field Data Collection/Topographic Survey

Patrick will provide topographic survey for: (1) Water Street from just west of the Oneida Street bridge underpass to just east of the extension of Morrison Street; (2) Rocky Bleier Run from Water Street to the proposed parking lot under Oneida Street; Olde Oneida Street from no more than 200 feet south of Water Street to Water Street; and (4) the Lawrence Academy property. The topographic survey will include surveying all utilities within the project limits; all storm sewer structure information including type, size, and depth of manholes and inlets; and type, size, and invert elevation of all pipes entering/exiting the structure; all water valve and sanitary sewer structure locations and rim elevations; and property corners for up to three parcels (as available). The topographic survey will not include surveying information for type, size, depths, invert elevations, etc. for water main and sanitary sewer. The subsurface information for these public facilities will be provided by the City.

Task 2. Subsurface Investigations/Soil Borings

Patrick will obtain two soil borings to a depth of no more than 12 feet along Rocky Bleier Run and, if required, up to two additional borings along the east side of Oneida Street behind Lawrence Academy.

Task 3. Roadway and Parking Lot Design/Plan Preparation/Estimate

Patrick will provide roadway design, parking lot design, pavement design, plan preparation, and estimate for the improvements described above. Patrick will prepare up to 3 alignment alternatives for the Water Street shared use path connection and up to 3 alignment alternatives for the pedestrian ramp/staircase structure. Included with the roadway and parking lot design, Patrick will provide storm water management, storm sewer design, and discharge permitting for the area impacted by the scope of services. Patrick will provide the storm sewer design calculations to the City's storm water consultant for inclusion into the overall system modeling. Patrick will handle water quality for the project area but will not be completing storm sewer system modeling for overall quantity.

Task 4. Structure Design/Plan Preparation/Estimate

Patrick will provide retaining wall design, plan preparation, and estimate for the improvements described above. Patrick will design a retaining wall along the south abutment, a retaining wall along the north abutment, a pedestrian ramp/staircase structure, and an extended wing wall in the northeast or southeast corner (depending on location of ramp/staircase structure) of the Oneida Street bridge replacement. Patrick will design a retaining wall/extended wing wall along the east side of Oneida Street and behind the Lawrence Academy, if required. Patrick will design a retaining wall along the south side and north side of Rocky Bleier Run, if required. No other retaining walls are anticipated to be required.

Task 5. Right of Way Plat

Preparation of a right of way plat and right of way staking are not considered part of the scope of services. The City will prepare a right of way plat based on proposed right of way as determined by Patrick.



Task 6. Preparation of Advertisements for Bidding

Patrick will prepare information for bid advertisements, and will provide bid documents which will include front end contractual documents (provided by the City) and contract plans and specifications. Patrick will be available to answer questions during the bidding process.

Task 7. Meetings

Patrick will attend up to four meetings with the City to coordinate design efforts and aesthetics for the Oneida Street Bridge project and the Jones Park Redevelopment project. Patrick will attend up to four additional meeting, as required, which may include final design, pre-bid, and preconstruction.

ASSUMPTIONS AND EXCLUSIONS

The following assumptions and/or exclusions were made by Patrick during preparation of this proposal:

1. The City will provide lighting design for the parking lot and Rocky Bleier Run. Patrick will coordinate the lighting design into the final plans and specifications.
2. The City will obtain title searches, prepare a right of way plat, and stake required right of way. Patrick will provide to the City the proposed right of way required in the design.
3. The City will provide plans and as-built drawings of Rocky Bleier Run, Water Street, and Oneida Street Bridge over the Fox River, if available.
4. The City's storm water consultant will complete the storm sewer system modeling.
5. The City will provide "front-end" contractual documents required in the bidding packages.

SCHEDULE

We are available to begin this additional work immediately upon notice and will complete the design for anticipated construction in 2018.

PROPOSED FEE

We propose to perform the engineering services detailed above for Actual Cost Not To Exceed \$125,000.

Thank you for this opportunity to provide additional engineering services to the City. If you would like to discuss this proposal in further detail, please feel free to contact me at (920) 321-2350.

Sincerely,

PATRICK ENGINEERING INC.

A handwritten signature in black ink that reads "Rowland Hoslet".

Rowland Hoslet, PE
Director of Engineering Services

**Proposal To Provide Professional Engineering Services
Oneida Street Bridge Over Jones Park Improvements
Amendment No. 1**

Project Budget

Classification	Project Manager		Project Engineer		Lead Structure Engineer		Staff Structure Engineer		Utility Coordinator		Surveyor / CAD Tech		Total Direct Labor	
	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Avg. Hourly Wage	\$170.00		\$105.00		\$145.00		\$105.00		\$125.00		\$95.00			
Task	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Design Services														
Roadway/Lot Design (Rocky Bleier, Water Street E)	8	\$1,360.00	210	\$22,050.00							92	\$8,740.00	310	\$32,150.00
Shared Use Path Design (Lawrence Property, Water W)	8	\$1,360.00	74	\$7,770.00							38	\$3,610.00	120	\$12,740.00
Structure Design (Rocky Bleier Walls, Pedestrian Ramp Structure)	8	\$1,360.00			60	\$8,700.00	172	\$18,060.00			40	\$3,800.00	280	\$31,920.00
Shared Use Path Wall Design (Lawrence Property)	8	\$1,360.00			18	\$2,610.00	56	\$5,880.00			38	\$3,610.00	120	\$13,460.00
Structure Design (Sign Structure on Bridge Pier)	2	\$340.00			12	\$1,740.00	16	\$1,680.00					30	\$3,760.00
Agency & Utility Coordination/Permitting			8	\$840.00					12	\$1,500.00			20	\$2,340.00
Stormwater Discharge (Chapter 30 Permit)			34	\$3,570.00							6	\$570.00	40	\$4,140.00
Meetings/Miscellaneous Coordination	24	\$4,080.00	26	\$2,730.00									50	\$6,810.00
Plans, Special Provisions, and Estimate Preparation	10	\$1,700.00	20	\$2,100.00			10	\$1,050.00					40	\$4,850.00
Bidding Services														
Coordination/Answer Questions During Bidding	6	\$1,020.00	24	\$2,520.00									30	\$3,540.00
Other Services As Authorized By City (Estimate)														\$5,000.00
Direct Expenses (Drilling and Mileage)														\$4,290.00
DESIGN SERVICES COST ESTIMATE TOTAL:	74	\$12,980.00	396	\$41,580.00	90	\$13,050.00	254	\$26,670.00	12	\$1,500.00	214	\$20,330.00	1040	\$129,000.00
AMENDMENT NO. 1 TOTAL:													1040	\$129,000.00