



November 16, 2017

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

Subject: Amendment No. 2 to Oneida Street Bridge Over Jones Park Agreement  
Proposal for Lighting Design and Additional Sewer 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 meetings and conversations held between the City and Patrick.

#### **PROJECT UNDERSTANDING**

As part of the Oneida Street Bridge over Jones Park project and the Jones Park Redevelopment project, the City of Appleton proposes to: (1) provide lighting for the ramping structure and adjacent staircases from the parking lot landing to the Oneida Street landing on the north side of the northbound Oneida Street bridge and (2) provide new sanitary and storm sewer connections to the private lines located within the Church parking lot.

#### **PROPOSED SCOPE OF SERVICES**

Patrick proposes the following Scope of Services for the Amendment to this Project.

##### **Lighting Design**

Patrick will provide lighting photometrics, wire sizing, electrical design, conduit layout, pole base structural attachment design and detailing, and all items necessary to complete the lighting design for the ramping structure and adjacent staircases. All lights will be included with the roadway plans and bid documents, and installed by the contractor. The lighting shall be a combination of poles and recessed wall lighting. The pole manufacturer and style will be selected by the City and provided to Patrick. No more than three recessed light options will be provided by Patrick for selection by the City. Recessed lighting shall shine down on the path and not outward.

The poles and light fixtures shall be:

- (1) Taller Trail pole/Fixture: Candela Series  
Pole: SPR4N-16-LBC4C-BK/TX (16 foot pole)  
Fixture: CAND1-CN1-40W42LED4K-R-PC-C-RLE3-240-BK/TX (Type 3 Distribution)
  
- (2) Shorter Trail Pole/Fixture: Candela Series  
Pole: SPR4N-10-LBC4C-BK/TX (10 foot pole – preferred, 8 foot if clearance issues)  
Fixture: CAND2-40W42LED4K-R-PC-C-RR5-240-BK/TX (Distribution optional)



(3) Recessed Wall Light

Patrick to provide up to three options. LED rated for exterior is required.

The City shall be responsible for light layout and design of lighting units along the Rocky Bleier Run, parking lot, and trail system throughout the plan limits, "excluding" the ramping structure and staircases. This includes the plan layout (bases and conduits), wire sizing, details and specifications to be provided to Patrick to be incorporated in the bid documents.

Patrick shall be responsible for light layout and design of lighting units along the ramping structure and staircases. This includes the plan layout (recessed boxes, anchor bolt locations, and conduits), wire sizing, details and specifications to be incorporated in the bid documents. Patrick will design all connections back to the City of Appleton cabinet to be placed at a location to be determined near the parking lot entrance.

Patrick will provide up to two preliminary lighting layout alternatives including renderings/modeling to assist in layout selection by the City.

**Sanitary Sewer Lateral and Private Storm Lateral Relay Design**

An existing 10-inch sanitary sewer that originates in the Church parking lot located east of Oneida Street and north of Rocky Bleier Run will be in conflict with a proposed retaining wall and will require a relay. Patrick will provide design to relocate/relay the existing 10-inch sanitary sewer lateral. The sanitary sewer relocation/relay will include approximately 125 feet of new 10-inch sanitary sewer, one sanitary manhole, and construction details for connection to an existing sanitary manhole. The sanitary sewer and manhole specifications will be in accordance with City standards.

An existing private storm sewer that originates in the Church parking lot located east of Oneida Street and north of Rocky Bleier Run will be in conflict with a proposed retaining wall and will require a relay. Patrick will provide design for a temporary connection of the storm sewer. The private storm sewer relocation/relay will include approximately 100 feet of temporary storm sewer, no more than three pipe elbows, and construction details for a connection to a new storm sewer manhole.

**B-44-082 Structural Repair Design**

The most recent inspection report for the southbound Oneida Street Bridge over Jones Park identified areas of spalling and cracking that require repair. Patrick will visit the site, verify the location of the spalled and cracked areas, and take measurements for repair. Patrick will prepare construction details, include miscellaneous quantities, and prepare special provisions (if required) for the repairs to be included in the final plans and bid documents.

**ASSUMPTIONS AND EXCLUSIONS**

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

1. Design and coordination for security lighting, cameras, and appurtenances is not included in this Scope of Services.



**SCHEDULE**

All services included in this amendment will begin immediately. There shall be no change to the project schedule as a result of this amendment.

**PROPOSED FEE**

We propose to perform the engineering services detailed above for Actual Cost Not To Exceed \$14,360.

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. 2**

**Project Budget**

Classification	Project Manager		Project Engineer		Electrical Engineer		Staff Structure Engineer		Surveyor / CAD Tech		Total Direct Labor	
	\$170.00		\$105.00		\$145.00		\$105.00		\$95.00			
Avg. Hourly Wage												
Task	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
<b>Design Services</b>												
Ramp/Stair Lighting Design					46	\$6,670.00	8	\$840.00	30	\$2,850.00	84	\$10,360.00
Sanitary / Storm Sewer Lateral Relay Design			8	\$840.00					6	\$570.00	14	\$1,410.00
Structural Repair Design							8	\$840.00	6	\$570.00	14	\$1,410.00
Plans, Special Provisions, and Estimate Preparation	4	\$680.00	2	\$210.00	2	\$290.00					8	\$1,180.00
<b>DESIGN SERVICES COST ESTIMATE TOTAL:</b>	4	\$680.00	10	\$1,050.00	48	\$6,960.00	16	\$1,680.00	42	\$3,990.00	120	\$14,360.00
<b>AMENDMENT NO. 2 TOTAL:</b>											120	\$14,360.00