



July 2, 2018

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

Subject: Amendment No. 4 to Oneida Street Bridge Over Jones Park Agreement
Proposal for Project Scope Changes

Dear Mr. Weyenberg:

Patrick Engineering Inc. (Patrick) is pleased to submit this proposal to the City of Appleton (City) for the additional engineering required to design a wider stair structure along the west side of Oneida Street; and to design a new retaining wall (extension of RW32) for the Jones Park stage construction. This proposal is submitted in accordance with the City's request, and is based on meetings and conversations held between the City and Patrick.

In January of 2018, final plans, specifications, and bid documents were prepared for the Oneida Street Bridge Replacement over Jones Park. Two sets of stair structures and Retaining Wall RW 32 were included in the plans. The stairs were designed with a clear width of 5 feet for each stair structure. The scope of services for Amendment No. 3 included removal of the east stair structure and pedestrian ramp; modifications to the west stair structure due to the removal of the pedestrian ramp; and no change to RW32. The width of stair structure remained the same at 5 feet clear.

After further review and discussions, the City has determined that a single stair structure with a clear width of 7 feet is preferred. In Jones Park, a stage will be constructed near the west side of Retaining Wall RW32. Construction of the stage will require a new retaining wall, an extension of RW32, to accommodate the stage and adjacent grading. The new retaining wall/extension will be a cast-in-place type wall due to the close proximity of the stage. Railing will be added between RW32 and the corner of the Stage.

Patrick will survey the stage area after construction to obtain accurate as-built information of the stage and adjacent grading area. Patrick will perform additional engineering services to modify the design of the stair structure along the west side of Oneida Street which may include geometric changes to accommodate the wider stairs; and to modify the design of RW32 to include the extension.

Patrick will complete the design modifications and update the plans and specifications for: stair structure for a lump sum fee of \$7,440 and retaining wall for a lump sum fee of \$10,120; **for a total lump sum fee of \$17,560**. 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, appearing to read "Rowland Hoslet". The signature is fluid and cursive.

Rowland Hoslet, PE
Director of Engineering Services

**Proposal To Provide Professional Engineering Services
Oneida Street Bridge Over Jones Park Improvements
Amendment No. 4**

Project Budget

Classification	Project Manager		Project Engineer		Structure Engineer		Surveyor / CAD Tech		Total Direct Labor	
	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Avg. Hourly Wage		\$170.00		\$105.00		\$150.00		\$95.00		
Task										
Design Services										
Stair Structure Modifications (7 Feet Clear)	2	\$340.00	8	\$840.00	24	\$3,600.00	28	\$2,660.00	62	\$7,440.00
Field Survey & Data Processing - After Stage Construction							10	\$950.00	10	\$950.00
New Retaining Wall at Jones Park Stage	2	\$340.00	8	\$840.00	24	\$3,600.00	28	\$2,660.00	62	\$7,440.00
Coordination / Plan Development for Jones Park Sidewalk	2	\$340.00	6	\$630.00			8	\$760.00	16	\$1,730.00
DESIGN SERVICES LUMP SUM TOTAL:	6	\$1,020.00	22	\$2,310.00	48	\$7,200.00	74	\$7,030.00	150	\$17,560.00

* Stair structure modifications/design includes determinations/modifications of foundation type; design and determinations for possible revised geometric changes; design and detailing for wider stairs with revised landings; and quantities and special provisions as required.

** New retaining wall (RW 32 extension) design includes constructability determinations for work near stage and adjacent to soil nail wall; determinations for drilled shaft, pile, or spread footing type design; design and determinations for footing type over existing sanitary sewer; design and detailing for new wall connection to proposed RW32 soil nail wall with possible modifications to length of soil nail wall; and quantities and special provisions as required.