



## MEMO

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*"...meeting community needs...enhancing quality of life."*

**TO:** Municipal Services Committee

**FROM:** Paula Vandehey, Director of Public Works *PAV*

**DATE:** April 18, 2018

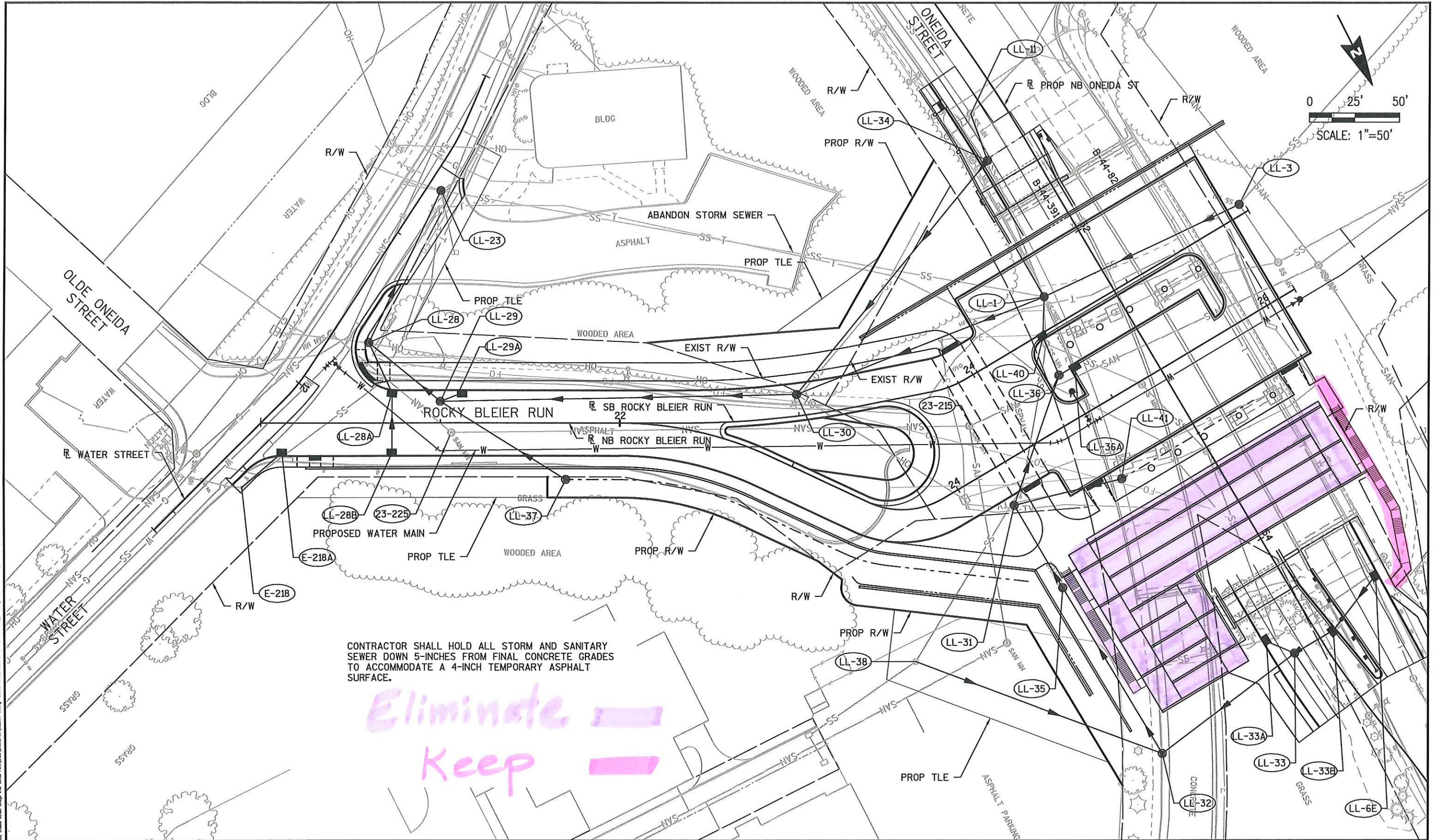
**SUBJECT:** **Recommendation to remove the pedestrian ramp and east stairway from the Oneida Street Bridge Project and approve Amendment No. 3 to Patrick Engineering in the amount of \$222,060.**

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In January, 2018 the City Council postponed the Oneida Street Bridge Project until we had further clarity on other development within the Bluff Site Area. Based on the recent bid prices for the Jones Park pedestrian ramp and the opportunity for a second ADA accessible pedestrian ramp connection with future Bluff Site Development, we are recommending that the pedestrian ramp and east stairway features be removed from the Oneida Street Bridge Project. We would, however, still recommend including a stairway connection on the west side of the new bridge connecting Rocky Bleier to Oneida Street. (See attached drawing.)

If this project change is supported, then a contract amendment in the amount of \$222,060 to Patrick Engineering is required to redesign the retaining wall portion of the Oneida Street Bridge Project and provide construction related services as outlined in the attached letter.

Attachments



CONTRACTOR SHALL HOLD ALL STORM AND SANITARY SEWER DOWN 5-INCHES FROM FINAL CONCRETE GRADES TO ACCOMMODATE A 4-INCH TEMPORARY ASPHALT SURFACE.

*Eliminate* [pink box]  
*Keep* [pink box]

REV.	DATE	DESCRIPTION
<b>ISSUES &amp; REVISIONS</b>		
<small>THE INFORMATION CONTAINED ON THESE DRAWINGS IS FOR USE ON THIS PROJECT ONLY</small>		

Owner/Client:

**CITY OF APPLETON  
PUBLIC WORKS DEPARTMENT**

**PATRICK  
ENGINEERING**

480 Pilgrim Way, Suite 1250  
Green Bay, WI 54304  
TEL. (920) 321-2330  
www.patrickco.com

Project: **ONEIDA STREET BRIDGE OVER JONES PARK**

Sheet Title: **STORM AND SANITARY SEWER OVERVIEW**

Project No.:	UNIT 1-18	Date:	1/5/2018
Designed By:	JUL	<b>C3.12</b>	
Drawn By:	JUL		
Checked By:	RH		
Approved By:	RH		

FILE NAME: S:\Crew - By Project\Appleton - C3\37777202 Oneida Street Bridge over Jones Park\DWG\OneidaSt\222501-1.dwg LAYOUT: 16666, January 12, 2018 - 4:25pm 15283: wjw



April 19, 2018

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

Subject: Amendment No. 3 to Oneida Street Bridge Over Jones Park Agreement  
Proposal for Project Scope Changes and Bidding Updates

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 revised and updated 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**

In January of 2018, final plans, specifications, and bid documents were prepared for the Oneida Street Bridge Replacement over Jones Park and the Rocky Bleier Run Reconstruction. Bidding was postponed and the project scope has since been revised.

Construction Project scope that will be revised includes:

1. Removal of East Stair Structure S12,
2. Removal of Pedestrian Ramp PR01 including ramp lighting,
3. Modification of West Stair Structures S02A and S02B design due to pedestrian ramp removal,
4. Modification of West Stair Structures S02A and S02B lighting due to pedestrian ramp removal,
5. Modification of storm sewer due to pedestrian ramp and stair removal,
6. Modification of retaining walls RW34 and RW33 due to pedestrian ramp and stair removal,
7. Change of RW34 and RW33 to temporary sheet pile retaining walls,
8. Addition of a new retaining wall in place of Pedestrian Ramp at the north bridge abutment, and
9. Addition of up to 8 power station pedestals within the parking lot under Oneida Street Bridge.

Construction Project scope that will not be revised includes:

1. Oneida Street alignment, profile, and typical section;
2. B-44-391 Bridge plans;
3. Rocky Bleier Run alignment, profile, and typical section;
4. Shared Use Path alignment, profile, and typical section;
5. Parking Lot layout and grades;
6. Retaining Wall RW32; and
7. Water Main alignment and grades.

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

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



#### **Design Services Changes**

Patrick will modify the design and update all plans and specifications due to the changes in construction scope described above. Drawing Sections C1 through C5, E1, E2, S1, S4, S5, S6 and XS will be updated accordingly. Drawing Section E3 will be eliminated. Drawing Section S2 Pedestrian Ramp will be removed and replaced with new Drawing Section S2 North Retaining Wall. Drawing Section S3 will not change.

Patrick will revise the electrical drawings (Sections E1 and E2) based on one set of markups provided by the City. Patrick will create new electrical drawings (New Section E3) to incorporate up to 8 power station pedestals within the parking lot under Oneida Street Bridge. The power supply, wiring, and conduit to the pedestals will come from Jones Park.

Patrick will provide updated FEE and TLE requirements for the north side of Rocky Bleier Run and east side of Oneida Street due to the changes in construction scope described above.

#### **Meetings**

Patrick will attend up to four (4) design review meetings.

#### **Agency and Utility Coordination/Permitting**

Patrick will coordinate with:

1. DNR in regards to any permit updates/revisions due to design changes,
2. City in regards to any storm water management updates/revisions due to storm sewer changes,
3. City in regards to sanitary sewer abandonment updates,
4. Utility companies in regards to any utility work plan updates/revisions due to design changes,
5. OMNNI Associates in regards to contaminated soil updates/revisions due to design changes, and
6. Adjacent property owners and developers to coordinate potential property impacts.

#### **Construction Services Changes**

The original agreement for construction services included one full time construction inspector for a period of approximately 7-1/2 calendar months and a part time construction leader for management and oversight. The original construction scope of services included only the replacement of the northbound Oneida Street Bridge and was scheduled for construction in 2017. The revised construction scope of services includes the reconstruction of Rocky Bleier Run including storm sewer, water main, parking lot, shared use path, retaining walls, and stair case and is scheduled for construction in 2019. Patrick proposes one additional full time construction inspector for a period of approximately 7-1/2 calendar months.

#### **ASSUMPTIONS AND EXCLUSIONS**

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

1. Construction services fees are based on regular weekday hours with no overtime, weekends, or holidays for each inspector. However, construction staff will stagger their onsite time and work hours to accommodate construction operations.



**SCHEDULE**

All services included in this amendment will begin immediately upon approval. An updated opinion of probable construction costs will be provided no later than May 25, 2018 for budgetary purposes.

Design related services including final plans, specifications, estimate and bidding documents will be completed no later than November 16, 2018 for a December 2018 Bidding. Construction related services will be completed no later than December 20, 2019 based on 2019 construction.

**FEE SUMMARY**

Original Design and Bidding Services	Lump Sum Total	\$76,160.00	100% Complete
Original Construction Services (Bridge Only)	Actual Cost Total	\$152,701.00	0% Complete
Amendment No. 1 Design	Actual Cost Total	\$125,000.00	100% Complete
Amendment No. 2 Design	Actual Cost Total	\$14,360.00	100% Complete
<b>Amendment No. 3 Design</b>	<b>Lump Sum Total</b>	<b>\$94,310.00</b>	<b>Proposed</b>
<b>Amendment No. 3 Construction Services for Rocky Bleier, Stairs, Retaining Walls, Etc.</b>	<b>Actual Cost Total</b>	<b>\$127,750.00</b>	<b>Proposed</b>

Patrick proposes to perform the design engineering services detailed above for a Lump Sum Total of \$94,310.00 and construction engineering services for an Actual Cost Not to Exceed of \$127,750.00.

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 cursive script, appearing to read "Rowland Hoslet".

Rowland Hoslet, PE  
Director of Engineering Services

**Proposal To Provide Professional Engineering Services  
Oneida Street Bridge Over Jones Park Improvements  
Amendment No. 3**

Project Budget

Classification	Project Manager		Project Engineer		Structure Engineer		Electrical Engineer		Surveyor / CAD Tech		Construction Inspector		Total Direct Labor	
	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
<b>Avg. Hourly Wage</b>		\$170.00		\$105.00		\$150.00		\$145.00		\$95.00		\$95.00		
<b>Task</b>														
<b>Design Services</b>														
Roadway/Lighting Revisions	8	\$1,360.00	148	\$15,540.00			80	\$11,600.00	146	\$13,870.00			382	\$42,370.00
Structure Revisions	6	\$1,020.00			110	\$16,500.00			84	\$7,980.00			200	\$25,500.00
Agency, Utility, Soils, Property Owner Coordination/Permitting	6	\$1,020.00	22	\$2,310.00									28	\$3,330.00
Meetings/Miscellaneous Coordination	16	\$2,720.00	20	\$2,100.00									36	\$4,820.00
Plans, Special Provisions, and Estimate Preparation	24	\$4,080.00	20	\$2,100.00									44	\$6,180.00
Other Services As Authorized by City (Estimate)														\$5,000.00
Direct Expenses (Drilling Extra)														\$7,110.00
<b>DESIGN SERVICES LUMP SUM TOTAL:</b>	<b>60</b>	<b>\$10,200.00</b>	<b>210</b>	<b>\$22,050.00</b>	<b>110</b>	<b>\$16,500.00</b>	<b>80</b>	<b>\$11,600.00</b>	<b>230</b>	<b>\$21,850.00</b>			<b>690</b>	<b>\$94,310.00</b>
<b>Construction Services</b>														
Preconstruction Meeting											4	\$380.00	4	\$380.00
Construction Inspection											1200	\$114,000.00	1200	\$114,000.00
Construction Survey										40	\$3,800.00		40	\$3,800.00
Materials Testing													40	\$3,800.00
Final Inspection and As-Built													46	\$4,370.00
Direct Expenses (Laboratory Testing and Mileage)														\$1,400.00
<b>CONSTRUCTION SERVICES COST ESTIMATE TOTAL:</b>									<b>40</b>	<b>\$3,800.00</b>	<b>1230</b>	<b>\$122,550.00</b>	<b>1330</b>	<b>\$127,750.00</b>