

**CITY OF WAUKESHA****Administration**

201 Delafield Street, Waukesha, WI 53188  
Tel: 262.524.3701 fax: 262.524.3899  
www.ci.waukesha.wi.us

<b>Committee:</b> Board of Public Works	<b>Date:</b> 1/21/2016
<b>Common Council Item Number:</b> <a href="#">Click here to enter text.</a>	<b>Date:</b> 1/11/2016
<b>Submitted By:</b> Fred Abadi, P.E. Public Works Director	<b>City Administrator Approval:</b> Kevin Lahner, City Administrator <input type="text" value="KL"/>
<b>Finance Department Review:</b> Rich Abbott, Finance Director <input type="text" value="RA"/>	<b>City Attorney's Office Review:</b> Brian Running, City Attorney <a href="#">Click here to enter text.</a>
<b>Subject:</b> Discussion and recommendation to Council: Approval of Amendment to R.A. Smith National for the Madison Street Structure Replacement.	

**Details:**

The original design for this structure was based on a pre-cast/pre-fabricated structure. (a simple box culvert). During the design process the Hydraulic analysis showed the need for a single-span cast-in-place concrete flat slab bridge. The scope of work for this design requires additional:

- Hydraulic evaluation
- Soil Borings
- Structural design and load ratings.
- Construction Documentation including plans and specification updates

**Options & Alternatives:**

Approve Amendment as submitted

**Financial Remarks:**

1. The original contract is in the amount of \$38,900. The Amendment is for an additional \$15,600. The new contract price is a total of \$54,500. The original PO 150272 will have to be reopened and amended. The 2015 funds from the account 8010.68290 will need to be carried over to 2016 to cover the cost of this amendment.
2. During the analysis of the new cast-in-place structure it was determined that the construction of this bridge will cost less than the original pre-fabricated bridge.

**Executive Recommendation:**

Approve the Addendum to the Contract.



**AMENDMENT TO AGREEMENT**

<b>Date:</b>	<u>December 9, 2015</u>	<b>Project No.:</b>	<u>1150401</u>
<b>Client Name:</b>	<u>City of Waukesha</u>	<b>Project Name:</b>	<u>Madison Street Structure Replacement</u>
<b>Address:</b>	<u>130 Delafield Street</u> <u>Waukesha, WI 53188</u>	<b>Amendment No.:</b>	<u>1</u>

We hereby agree to amend our original Agreement executed September 8, 2015 as outlined below:

**A. SCOPE OF SERVICES**

Provide structural design and construction documents for a single-span cast-in-place concrete flat slab bridge in lieu of a pre-cast/pre-fabricated structure. Specifically the work will consist of the following:

1. Perform an additional hydraulic evaluation for the bridge structure alternative. The structure opening will be sized so that there are no increases in the 1% annual chance floodplain elevations.
2. Perform two additional 60-foot deep soil borings in the vicinity of the proposed bridge structure and provide geotechnical design recommendations based upon the subsurface conditions encountered. A driven pile foundation system is anticipated, and the foundation evaluation section of the Geotechnical Exploration Report will be prepared in accordance with LRFD methodology per WisDOT standards.
3. Perform structural design and load rating of the proposed bridge structure in accordance with WisDOT and AASHTO LRFD design standards. The proposed structure will have a span of 40-feet, or less, a clear width of 32-feet between sidewalks, and 5-foot sidewalks, concrete parapets and decorative railings on each side.
4. Provide the City with construction documents for the bridge structure, including plans, quantities and specifications, for incorporation in the bidding documents.
5. Architectural treatments (e.g. formliner, staining, lighting, etc.) have not been included in the Amendment but can be determined at a later date. A determination can be made at that time if any additional effort will be necessary.

**B. COMPLETION SCHEDULE**

The Project Completion Schedule is revised as follows:

Utility Submittal:	December 16, 2015
Public Information Meeting:	January 15, 2016
Final Plans for City Review:	February 1, 2016
Plans Complete for LET:	March 15, 2016
Construction:	Spring 2016

**C. PROFESSIONAL FEES**

Original Contract	\$ 38,900
<u>Amendment No. 1</u>	<u>\$ 15,600</u>
New Contract Amount	\$ 54,500

Deliver excellence, vision, and responsive service to our clients.

D. ACCEPTANCE

The above fees and specifications of this Amendment to Agreement are satisfactory and are hereby accepted. All work is to be performed under the same terms and conditions as specified in the original agreement unless otherwise stipulated.

Please sign in duplicate and return one original to our office.

ACCEPTED BY:

R. A. SMITH NATIONAL, INC.

CITY OF WAUKESHA



12/9/15

\_\_\_\_\_  
Timothy G. Barbeau, P.E., R.L.S.  
Senior Project Manager

Date

\_\_\_\_\_  
Alex Damien, P.E.  
Project Manager

Date