

AMENDMENT TO AGREEMENT

Date:	<u>September 27, 2013</u>	Project No.:	<u>1131100</u>
Client Name:	<u>City of West Allis</u>	Project Name:	<u>S. 84th Street & W. National Avenue Traffic Signal Improvements</u>
Address:	<u>7525 W. Greenfield Avenue West Allis, WI 53214</u>	Amendment No.:	<u>1</u>

We hereby agree to amend our original Agreement executed March 8, 2013 as outlined below:

A. SCOPE OF SERVICES

The S. 84th Street and W. National Avenue traffic signal improvements are planned to be included as part of a WisDOT Zoo Interchange Traffic Management Plan project in 2014. Construction of the improvements will be completed by a contractor as part of the WisDOT project (August 2014 let). Therefore, additional deliverables, design updates, and project coordination are necessary to complete the plan set. The additional design work included in this contract amendment shall include the following:

1. Field survey & data integration
 - Field survey
 - Survey limits shall include the entire S. 84th Street & W. National Avenue intersection, up to 100 feet in advance of the stop bar on each leg of the intersection to 5 feet outside of the existing right of way
 - Survey data collected shall include the following:
 - Topography – including pavements, curb & gutter, and sidewalk
 - Utilities
 - Alignment – including reference monuments, section corners, and WisDOT control
 - Data integration
 - Data transfer, editing, control, and file management for use in Civil 3D and Microstation formats
 - Project construction line computations
 - Create alignment and share data with WisDOT for use on alignment plans
 - Digital Terrain Model (DTM) development
2. Updates to May 24, 2013 plan deliverables
 - R.A. Smith National completed a traffic signal plan set according to the original scope of services and delivered to the City on May 24, 2013. Updates to the content and format of the deliverables will be necessary based on additional City/WisDOT input and incorporation into the final WisDOT plan set.
 - Deliverables subject to additional updates include:
 - Permanent traffic signal & intersection lighting plans
 - *Possible changes include, but are not limited to:*
 - Pedestrian countdown timers
 - Traffic signal pole types (monotubes)
 - Traffic signal head/pole relocations
 - Underground relocations
 - Sequence of operations sheets

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- Cable routing sheets
 - Miscellaneous quantities
 - Engineer's estimate
 - Permanent traffic signal timings
3. Additional plan deliverables
- Additional deliverables to include in the final plan set shall include:
 - Temporary traffic signal plans (1 stage for 2 intersections)
 - Traffic signal removal plans
 - Special provisions
 - Standard detail drawings
4. City/WisDOT/Zoo Team Project Coordination
- As discussed in the September 18, 2013 meeting with WisDOT, the Zoo Team will be responsible for the following plan deliverables and design elements, some of which were previously included in the May 24, 2013 plan set by R.A. Smith National:
 - Permanent signing plans
 - Pavement marking plans
 - Temporary traffic signal timings/traffic analysis
 - Sidewalk and curb ramp design
 - Alignment plan
 - Utility coordination

R.A. Smith National will coordinate the planned design elements (where applicable) with WisDOT to include in the final plans.

- WisDOT will be including the S. 84th Street and W. National Avenue traffic signal into its Integrated Corridor Management (ICM) traffic signal system. Therefore, additional coordination will be required to ensure system compatibility and design elements are included in the final design.
- The City of West Allis has indicated that they will be responsible for removing and/or relocating all existing lighting elements on their street lighting system that will be impacted by the intersection lighting being installed with the project. R.A. Smith National will coordinate the intersection lighting design with the City to ensure both lighting systems are designed properly.

Designs will be completed in accordance with City and WisDOT (where applicable) standards

B. MEETINGS

Up to three (3) additional coordination meetings with the City and/or WisDOT shall be included in this contract amendment.

C. SERVICES NOT INCLUDED

Based on discussions with the City and WisDOT, the following deliverables are not included in this scope of services (in addition to the items listed under A.4 above):

- Construction staging plans

- Contract documents
- TRNSPORT Quantities Integration and Bid Price Verification
- Environmental Documentation/Coordination
- Modifications to roadway lighting (other than existing or new luminaires planned to be powered through the traffic signal cabinet)

D. COMPLETION SCHEDULE

The anticipated completion schedule and deliverables for the project are as follows:

- 1078 Plans to Utilities – November 2013
 - Traffic signal and intersection lighting plans
- Draft PS&E – January 2014
 - Sequence of operations
 - Miscellaneous quantities
 - Traffic signal cable routing
 - Traffic signal removal plans
 - Temporary traffic signal plans
 - Standard detail drawings
 - Engineer’s estimate
 - Special provisions
 - Permanent traffic signal timings (including Emergency Vehicle Preemption)
- Final PS&E – May 2014
 - Includes updates to the Draft PS&E plan set based on City/WisDOT comments
 - Electronic CAD files

Please note that all deliverable dates listed above are contingent upon receiving authorization to proceed no later than October 4, 2013.

E. PROFESSIONAL FEES

Original Contract	\$ 8,500
Amendment No. 1	
Traffic Signal Design	\$10,500
Field Survey & Data Integration	\$ 5,000
<u>Amendment No. 1 Total</u>	<u>\$15,500</u> (actual costs not to exceed)
New Contract Amount	\$24,000

F. ACCEPTANCE

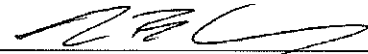
The above fees and specifications of this Amendment to Agreement are satisfactory and are hereby accepted. All work is to be performed under the same terms and conditions as specified in the original agreement unless otherwise stipulated.

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

ACCEPTED BY:

R. A. SMITH NATIONAL, INC.

CITY OF WEST ALLIS



9/27/13

Pat Hawley, P.E., PFOE
Project Manager

Date

Peter Daniels, P.E.

Principal Engineer, City of West Allis

Date