

**CITY OF WEST ALLIS
AMENDED WORK ORDER #5**

TO: RA SMITH, INC.
DATE: December 18, 2019
PROJECT: TRAFFIC ENGINEERING IMPROVEMENTS
SUBJECT: Design Services

In accordance with Resolution No. 2013-0227 and Resolution No. 2019-0913 and the Agreement for Professional Services dated as of March 8, 2013 (the "Agreement"), you are directed to proceed with work on the Project as outlined below:

Work: See attached Amended Scope of Services dated October 25, 2019.
Estimate: \$ 28,400.00
Schedule: Work to commence immediately. To be completed as part of the Basic Services under the Agreement.

This Work Order, including any attachments, is incorporated into the Agreement. All work defined in this Work Order and payment therefor shall be performed in accordance with the terms and conditions of the Agreement, unless otherwise modified herein. Any modification(s) of this Work Order is subject to approval and acceptance pursuant to the Agreement.

Issued:	Received and Approved:
CITY OF WEST ALLIS	RA SMITH NATIONAL, INC.
By: <u>Peter C Daniels</u> Peter C. Daniels, P.E.	By: <u>John A Elkin</u> John A. Elkin, P.E.
Title: City Engineer	Title: Director of Transportation Services
Date: <u>12/19/19</u>	Date: <u>12/19/19</u>

COMPTROLLER'S CERTIFICATE
Countersigned this 20th day of December, 2019
and I certify that the necessary funds have been
provided to pay the liability that may be
incurred by the City of West Allis under this
Contract.
Peggy Steeno
Peggy Steeno, Director of Finance/Comptroller



CREATIVITY BEYOND ENGINEERING

R.A. Smith, Inc.
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000 | rasmith.com

October 25, 2019

Mr. Peter Daniels, P.E.
City of West Allis Engineering Department
City Hall, Room 212
7525 W. Greenfield Avenue
West Allis, WI 53214

Re: City of West Allis Traffic Engineering Support Services

Dear Mr. Daniels:

Thank you for this opportunity to provide a quotation for professional services. The contents of this proposal spell out the Scope of Services, Completion Schedule and Professional Fees under which this proposal is being made.

I. PROJECT UNDERSTANDING/SCOPE OF SERVICES:

Project Understanding

The City of West Allis is requesting traffic engineering support for two projects within the City. raSmith will complete the tasks identified in this proposal and provide additional support on an as-needed basis as authorized by the City.

Scope of Services:

raSmith will complete the following tasks as part of this scope of services:

1) Traffic Signal Warrant Study

raSmith will conduct a traffic signal warrant study at the S. 76th Street intersection with W. Lapham Street. Specific tasks include:

- Collect 13-hour (6:00am – 7:00pm) intersection turning movement count data
- Obtain five (5) most recent years of intersection crash data from the statewide crash database. This task will identify crashes susceptible to correction with additional traffic signal improvements, but not with stop control.
- Compare volume and crash data to warrant criteria established in MUTCD traffic signal warrants 1, 2, 3, and 7
- Conduct a weekday morning and weekday evening peak hour intersection analysis with existing traffic signal control and with two-way stop control.
- Prepare a technical memorandum to summarize the finding and recommendations of the study
- If traffic signal removal is recommended, identify steps outlined in the MUTCD for the City to complete the removal process and transition to stop control.
- Attend one (1) meeting with the City to discuss the findings and recommendations of the study.



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IV. PROFESSIONAL FEES

raSmith will complete the scope of services described according to the following fee schedule:

S. 76 th Street intersection with W. Lapham Street Traffic Signal Warrant Study:	\$5,700
Pedestrian Beacon Evaluation:	\$11,600
On-Call Traffic Engineering Support	\$22,700
Total Lump Sum Fee:	\$40,000

If there are any questions concerning the terms as presented, please contact us. We look forward to a very successful project!

Sincerely,
R.A. Smith, Inc.

Patrick E. Hawley, P.E., PTOE
Assistant Director of Transportation Services
Senior Traffic Project Manager

John A. Elkin, P.E.
Director of Transportation Services
Senior Project Manager