



CITY OF WAUKESHA

Administration

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Committee: Board of Public Works	Date: 5/4/2017
Common Council Item Number: ID #17-0699	Date: 5/16/2017
Submitted By: Fred Abadi, Director of Public Works	City Administrator Approval: Kevin Lahner, City Administrator
Finance Department Review: Rich Abbott, Finance Director RA	City Attorney's Office Review: Brian Running, City Attorney BR
Subject: Review and approve Contract Change Order No. 4 with Advance Construction, Inc. for the E. Moreland Blvd. Utility and Street Improvements project. Specifically for the installation of an overhead sign structure on E. Moreland Blvd. at White Rock Avenue.	

Details:

In 2016, the City reconstructed E. Moreland Blvd. from the Fox River to Manhattan Drive. The project modified the signalized intersection of E. Moreland Blvd and White Rock Avenue. The reconfigured intersection was opened to traffic in December, 2016, and Engineering staff observed some issues with driver awareness of the new lane configurations at the intersection, especially for the eastbound direction. In the old intersection configuration prior to reconstruction, eastbound E. Moreland Blvd. traffic used a make-shift left turn lane at White Rock Ave. to continue traveling east. In the new modified intersection configuration, eastbound E. Moreland Blvd. traffic has two thru lanes and traffic turning left to White Rock Ave. has a dedicated left turn lane. The issue that staff has observed in December, 2016, and continuing to this day, is that drivers still pull into the dedicated White Rock Ave. left turn lane and illegally proceed through to go straight east.

The situation was studied by Engineering staff and multiple adjustments / improvements were recommended to remediate the situation. The following items were recommended:

1. Improve street name signing throughout the intersection especially on the overhead signal for eastbound E. Moreland Blvd. (complete)
2. Add pavement markings along the lane lines for eastbound through movement on E. Moreland Blvd and the eastbound left turn movement onto White Rock Ave. (to be completed as weather allows)
3. Add more standard signing to inform drivers of the left turn lane only being for left turning traffic (complete)
4. Shorten the dedicated eastbound to northbound left turn lane onto White Rock Ave (being completed)
5. Add an overhead cantilever sign structure to provide additional communication to eastbound drivers of the lane designations. This structure will provide drivers ample time to make decision on what lane to be in and will serve as a long-term solution to the issue (see attached).

This Contract Change Order No. 4 is for the additional work to install the overhead cantilever sign structure at a total cost of \$44,358.20

Options & Alternatives:

To not install the overhead cantilever sign structure. This alternative is not recommended since it does not remedy the issue with drivers going through the intersection from the left turn lane.



Financial Remarks:

Original Contract: \$4,907,507.57

Contract Change Order #01 - Total Contract: \$5,487,333.57 – Additional 1600' of water main

Contract Change Order #02 – Total Contract: \$5,494,931.36 – Storm sewer outfall repair at bridge

Contract Change Order #03 – Total Contract: \$5,494,931.36 – completion date changed to December 30, 2016

Contract Change order #4 – Total Contract: \$5,539,289.56

Account #2005-68290 for Road - \$34,358.20 - Use remaining funds in JT account

Account #2004-68290 for Road - \$10,000.00

Executive Recommendation:

Recommend approval of Contract Change Order #4 with Advance Construction, Inc. in the amount of \$44,358.20 for the installation of an overhead sign structure at the intersection of E. Moreland Blvd. and White Rock Ave.