



MAYOR & COUNCIL COMMUNICATION

DATE: July 1, 2014

CONSENT

ITEM # 4

AGENDA ITEM: 2014 Street Improvements – Change Order No. 1

SUBMITTED BY: Ryan Stempski, Project Engineer

THROUGH: Dean A. Zuleger, City Administrator

REVIEWED BY: Jack Griffin, City Engineer
Cathy Bendel, Finance Director
Mike Bouthilet, Public Works Superintendent

SUGGESTED ORDER OF BUSINESS (if removed from the Consent Agenda):

- Questions from Council to Staff..... Mayor Facilitates
- Public Input, if Appropriate.....Mayor Facilitates
- Call for Motion Mayor & City Council
- Discussion..... Mayor & City Council
- Action on Motion..... Mayor Facilitates

POLICY RECOMMENDER: Engineering

FISCAL IMPACT: \$7,988.30

With this change order the revised construction contract amount increases by \$7,988.30. Staff believes that the improvement will provide a higher return on the investment resulting in an extended service life for the street. With this increased construction contract amount, the total project cost remains within the authorized project budget.

SUMMARY AND ACTION REQUESTED:

The City Council is respectfully requested to consider approving, *as part of the Consent Agenda*, Change Order No. 1 for the 2014 Street Improvements, thereby increasing the contract amount by \$7,988.30. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Change Order No. 1 for the 2014 Street Improvements in the amount of \$7,988.30.”

LEGISLATIVE HISTORY/BACKGROUND INFORMATION:

This change order amends the contract to change the maintenance work that will be completed for 20th Street North, from Lake Elmo Avenue to Manning Trail. The original contract includes full depth patching followed by a 5/8” micro surfacing. The new improvements will consist of a bituminous leveling course followed by a 1.5-inch bituminous overlay.

Staff has recently reevaluated the improvement recommendation and believes that the overlay provides more structure to the road, will improve the smoothness and rideability and includes shouldering for edge support. The overlay improvement adds about \$8,000 to the total cost but provides a higher level of service to the road while extending its useful life 7 to 10 years instead of 5 to 7 years for the micro surface.

The reevaluation was completed by staff after viewing additional pavement distresses experienced over this past winter and after receiving bids for the improvements. With the actual unit bid prices, staff was able to complete a cost comparison against other maintenance options. The bid amount was \$96,438.45 to microsurface per the Plans and Specifications. The estimated cost provided by the Contractor for a 1.5” bituminous overlay and gravel shoulder was \$104,426.75. For the additional cost of \$7,988.30, the City would receive increased structure, a much smoother surface, and edge protection along the entire roadway. A microsurface would involve sealing up the existing road surface similar to a thick coat of paint applied to a wall. The overlay is intended to provide a better ride, cover some of the surface defects, and provide additional service life before a full reconstruction can be performed. A 1.5” overlay is not intended to prevent reflective cracking; therefore it is recommended that cracks be filled as they appear in the future.

RECOMMENDATION:

Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Change Order No. 1 for 2014 Street Improvements, thereby increasing the Contract Amount by \$7,998.30. If removed from the consent agenda, the recommended motion for this action is as follows:

***“Move to approve Change Order No. 1 for the 2014 Street Improvements
in the amount of \$7,988.30.”***

ATTACHMENT(S):

1. Change Order No. 1.