



05-11-16

Memorandum

To: Steve Giesbrecht, Borough Manager
CC: Karl Hagerman, Public Works Director
From: Chris Cotta, Assistant Public Works Director
Re: Haugen Drive Sewer Improvements RSA – Final Change Order

In conjunction with the street improvements project on Haugen Drive, the Borough engaged DOT via reimbursable services agreement (RSA) to perform some wastewater system improvements as part of the project. The work scope originally consisted of replacing 2 sewer manholes, rehabilitation of 8 additional sewer manholes, and replacement of approximately 120' of aging sewer main.

However, as sometimes happens, once the infrastructure was dug up it was found to have a lot more problems than originally anticipated. Three of the manholes originally planned for rehab instead had to be removed and replaced with new manholes. Another manhole was removed and eliminated from the system, which required additional pipe work as well to bridge the gap. Some additional unplanned sewer main and manhole repairs were also required, as well as a significant amount of extra bypass pumping and traffic control to accommodate all the changes outlined above.

The original RSA for this project was for \$128,338. This amount was initially adjusted down approximately \$35K when DOT's contractor came in with a lower bid than expected. However, it has since increased significantly due to the unplanned costs outlined above. In anticipation of the added costs, the Borough previously increased the budget for this project to \$210,000.

The attached Change Order No. 3 reflects all changes to the Haugen Drive RSA and will be the final change order for this project. Cost of the change order is \$100,274, of which approximately \$80,000 is construction and \$20,000 is administrative expense. The added expenses result in a total project cost of \$203,438, which is less than the \$210,000 that has been budgeted. If you are in agreement with this change order request, please forward it to the Borough Assembly for approval at their next regular meeting on May 16, 2016. Thank you.

Attachment: Change Order No. 3 (11 pages)