



MEMO

TO: President Koultourides and Members of Council
FROM: Dustin Anderson, Town Manager
SUBJECT: 45th Street Grade Separation and Intersection Realignment Change Order
DATE: November 18, 2019

Background

This change order represents the cost to paint or coat the trenchless pipe used as a substitute to concrete pipe between deep structures at the southwest corner of Calumet Ave and 45th St west. The contractor has elected, at no additional cost, to use the trenchless or jack and bore method in lieu of excavation due to the deep depth of the pipe adjacent to the existing lift station structure. The pipe depth is approx. 15 feet and located approx. 10 feet away from the existing lift station. The contract has elected to use the trenchless method to protect the lift station from settlement or undermining. The cost of painting the steel pipe is \$11,860.40 and is a non-participating item. The painting of the pipe will significantly extend the life of the pipe and avoid contributing to factors that would potentially necessitate excavation at this location. The cost of the coated pipe could easily be considered an investment against future expense.

Methodology

Other items included in this change order are the removal of structure backfill if the pipe were to have been excavated or trenched for installation. Since this quantity is no longer required for trenchless installation a credit is represented under this change order. The other two items are a zero dollar change for the substitution of 36 inch pipe for 36 inch trenchless pipe. Although the total cost of the change order is \$6,211.60, the full cost of painting the pipe will require a funding request as non-participating for \$11,860.40.

The total cost is \$6,211.60. This is a .030% increase in the total project cost.

This change order has been reviewed and approved by our construction engineering firm DLZ as well as INDOT. It was found that the materials included, and their respective rates were reasonable and fair.

If approved by Council, the Town will be invoiced by INDOT. INDOT will then pay Walsh, who will in turn then pay Grimmer.

Recommendation

Approve Change Order No. 004 for INDOT Contract B-36229