

R-33950 Change Order 3 Explanation

This change order is being created for increased quantities associated with watermain replacement and limestone backfill for ductile iron pipe. During construction 800 LF of additional existing watermain was found to be in conflict with the proposed storm sewer along the north side of 45th St west of Southwood Dr to the proposed shoofly. Existing watermain located under the proposed shoofly was planned to be relocated under the contract but this 800 LF of watermain outside the limits of the shoofly was not included. Because of the conflict, additional quantities of pipe removal and watermain are being added under this change order. Additional watermain connections are being added due to the increased quantity of watermain. In addition, the Town of Munster requested that a polywrap sleeve be applied over the new watermain as well as limestone backfill.

An increase to existing items for pipe removal, structure backfill and watermain are included in this change order. An increased quantity of Pipe Remove and 16 IN Ductile Iron Watermain are associated with the existing watermain found to be in conflict. A decreased estimated quantity of Structure Backfill, Type 2 represents the replacement by limestone structure backfill.

New items include B Borrow, structure backfill, watermain connections and utility protection. The new item for B Borrow, No. 53 CS, Watermain represents an estimated quantity of limestone for watermain backfill only. Since the cost of backfill is included in the cost of watermain under the contract, the cost of this item represents the material cost difference between slag and limestone. The new item for Structure Backfill, Type 2, No. 53 CS represents an estimated quantity of limestone to backfill ductile iron pipe, not including watermain. The new item for Watermain Connections, Added Field Locks, 16 IN represents added field locks at phase breaks. The new item for Utility Protection, Polywrap, Watermain represents the plastic sleeve to be placed over the watermain during installation.

Pricing for this work under this change order has been deemed reasonable and fair. No additional time is required under this change order to perform the work.