



Agenda Memo

Crest Hill, IL

Meeting Date:	March 2, 2026
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	A Resolution Approving an Amendment to the Construction Agreement by and between the City of Crest Hill, Will County, Illinois and Fer-Pal Construction, Ltd. for CIPP Water Main Rehabilitation, Phase 1 Improvement.

Summary: The change order being presented to Council for approval is a Mid-Project Balancing Change Order from Fer-Pal Construction due to field conditions that differed from what was shown in the plans.

The differing conditions required more time, and additional work effort, which caused an increase in quantities from what was estimated during the design phase. These increases have necessitated a change order to the contract for an increase of \$107,738.89

Change Order No. 2 includes additional work completed according to Adjusted Unit Prices (AUPs), Time and Material (T&M), and Bid Item Quantity Additions and Deductions.

The attached Stand letter provides a more detailed scope of work changes and is summarized below.

- Replacement of a non-working water valves and fire hydrants outside the project limits that were needed to shut down the water main to perform the lining repair.
- The inclusion of a new 6-inch gate valve at Ludwig and Broadway required to isolate the water main along Broadway while maintaining flow to the existing fire hydrant to supply water to the residents through a temporary water line system.
- This conflict was not anticipated due to Nicor providing a letter stating that there was no conflict with the city's work proposed in the contract, but during construction, the Contractor discovered that the actual location of the transmission gas line was above the existing water main. Therefore, the contractor was required to modify the construction of the lining pits and have them executed by hand instead of using mechanical equipment. This conflict required additional work effort, rock execution, backfill material, additional

time due to hand digging and the installation of butterfly valve instead of a gate valve to provide the city the ability to shut down the Broadway water main. The work involved with this items was the largest percentage of cost increase for this entire change order.

- During construction the city encountered unknown water main interconnect between the City's water main and the City's of Joliet's water system at the intersection of Theodore and Broadway. Additionally, the Contractor encountered unknown sewer and buried utilities that were located in the proposed lining access pits at different locations within the project limits. Due to these unknowns the contractor needed to perform exploratory excavation to find the best locations for the lining access pits. The interconnect with the city of Joliet was removed as part of this work.
- The City directed the Contractor to relocate existing b-boxes and curb stops to locations that would not be in conflict with the new retaining wall being installed by a different City Contractor. This same work was removed from the retaining wall Contractors work. This was done to save time and money.
- Repairs made on November 12th and 21st to replace out water services were not determined until construction when during the video process of the water main it was found that these services had bad connections to the water main and due to this the epoxy resin enter the services and required complete replacement of these water services.
- The work on December 15th was due to a broken water meter ball valve inside a resident's home. This item was removed and replaced so this resident home could be put on the temporary water supply.

If Council approves this change order, then the improvement can be completed per the limits defined in the contact documents. If approval is not received the limits will need to be reduced in order to keep the improvement under the approved contract amount.

Recommended Council Action: A Resolution Approving an Amendment to the Construction Agreement by and between the City of Crest Hill, Will County, Illinois and Fer-Pal Construction, Ltd. for CIPP Water Main Rehabilitation, Phase 1 Improvement.

Financial Impact:

Funding Source: IEPA Loan & Water Fund

Budgeted Amount: \$2,479,975.70 (2026 Budget); \$120,000.00 (2027 Budget-Change Order 2)

Cost Approved to Date:

Award Construction Amount \$2,479,975.70

Plus Change Order No.2 \$107,738.89

New Cost Approved to Date \$2,587,714.59

Attachments

Fer-Pal Construction CO-2-Resolution

Exhibit A Crest Hill_No_2 to be signed by City

Stand Mid Balancing CO 2 Letter

Backup Documentation