



Legislation Text

File #: 2024-0484, **Version:** 0

Title

Emergency Water Main Repair at 151st and 82nd Avenue - Payment

History

On Thursday, May 23, 2024, water was discovered leaking at the corner of 151st Street and 82nd Avenue. Water was coming up at several locations on 151st Street, west of 82nd Avenue. Public Works staff, with the assistance of M.E. Simpson Company, identified the leak was on the sixteen (16) inch main that runs from southwest to northeast across 151st Street. The leak was first determined to be in the outside east bound lane as indicated on our GIS platform. On Friday, May 24, 2024, Utility staff excavated the eastbound lane on 151st Street, but were unable to locate the water main. After further investigation, staff determined the main was located in the center of 151st Street, at a depth that exceeded our equipment capabilities.

On May 25, 2024, due to the location and depth of the main, Airy's Inc. of Joliet, Illinois, was contracted out to excavate the water main and determine the necessary repairs. After the initial evaluation and securing the water, it was determined the leak was at a bell joint under two (2) feet of asphalt and fourteen (14) feet in total depth. The repair consisted of excavating the sixteen (16) inch water main, cutting out the bell joint, and replacing with new ductile iron water main.

The Village has utilized Airy's Inc. for emergency repair work for over ten (10) years. As the Village's primary emergency response contractor for utility work, Airy's routinely postpones other customer work to address the Village's emergencies. The total cost of the repair completed by Airy's for the emergency water leak repair at 151st Street and 82nd Avenue is \$75,962.82. This cost includes labor for one (1) day of exploratory work and repair to the sixteen (16) inch water main, as well as traffic control, stone, flowable fill, and pavement patching along with specialized equipment like vacuum truck, backhoe, trench boxes, and support vehicles.

The pricing was evaluated/compared for similar past work related to water main installations with other contractors and deemed fair and reasonable. Funds for this work are available in the Emergency Water Fund.

Financial Impact

Sufficient funds are available in the Utilities budget account 5008150-443800 to cover the cost for this emergency repair.

Recommended Action/Motion

I move to approve authorizing payment to Airy's, Inc. of Joliet, Illinois, for the Emergency Water Main Repair at 151st Street and 82nd Avenue in the amount of \$75,962.90.