

Memorandum

City of Lawrence

Utilities Department

**TO: David L. Corliss – City Manager
Cynthia Wagner - Assistant City Manager
Diane Stoddard - Assistant City Manager**

FROM: Bob Brower – Utilities Field Superintendent

**CC: Dave Wagner – Director of Utilities
Mike Lawless – Deputy Director of Utilities
Philip Ciesielski - Asst. Director of Utilities**

Date: August 28, 2013

RE: Authorize payment for emergency repair to 16 inch concrete water main at 19th & Bullene

Please include the following item on the City Commission Agenda for consideration at the September 10, 2013 meeting:

Authorize the City Manager to approve payment of the invoice from RD Johnson Excavating Company in the amount of \$18,425 for Emergency Repairs to 16 inch Concrete Water Main at East 19th and Bullene

Background:

On August 5, 2013, a 16 inch concrete water main was hit and damaged at East 19th Street and Bullene. The damage caused a large water main leak, which affected water tower storage and service to customers in southeast Lawrence. Due to the limited amount of concrete main within the water distribution system and the unlikely problems experienced with them, the Utilities Department staff does not have the expertise to make repairs to them. Utilities staff contacted RD Johnson Excavating to assist in providing emergency services to repair the water main. An emergency PO was issued to RD Johnson in the amount of \$14,500, including:

- Labor - excavate water main, temporary repair, remove main
- Equipment - track hoe,, large dump trucks, loader, hammer
- Materials - gravel, flow-able fill, concrete, asphalt
- Parts - temporary repair clamp
- Replacement - street, sidewalks, sidewalk ram

On that same day, RD Johnson excavated the water main, had a repair clamp delivered and installed it on the main, and restored temporary service to the 11 homes on East 19th street between Haskell and Delaware. The Utility staff reconfigured valves to allow the water tower to fill and to provide service to southeast Lawrence.

On August 6, the Utility Department contacted Hanson Pipe about permanent repairs to the concrete water main. Parts and materials were shipped overnight so that repair could be completed. Hanson pipe recommended contacting Nowak Construction as an

approved contractor to complete installation of the repair kit. As contractor for another Lawrence Project, Nowak agreed to install the repair kit, if we removed the old pipe and prepared the site for the repair.

On August 7, 2013, RD Johnson removed the flow-able fill, removed 20 feet of the old main, and had the excavation site prepared for Nowak. Upon completion of the repair by Nowak, RD Johnson completed back filling, flow-able fill and concrete cap.

On August 12, 2013, RD Johnson completed street, sidewalk and ramp repairs.

Project Status

The final cost of emergency services provided by RD Johnson Excavating is in excess of the amount of the emergency purchase order approved by \$3,925 or a total invoice of \$18,425.

Nowak was also issued an emergency purchase order for \$14,500. However, the department has not received an invoice for the installation of the repair kit and pipe at this time.

Project Funding:

This emergency repair will be funded from the Department of Utilities Operations and Maintenance budget.

Action Request:

Authorize the City Manager to approve payment of the invoice from RD Johnson in the amount of \$18,425 for the emergency repairs to the 16 inch concrete water main at East 19th Street and Bullene.

Thank you for your assistance. Please advise if you have any questions.

PHOTOS

Emergency Concrete Water Main Repair at East 19th Street and Bullene



The water main leak caused a large hole, 20 ft x 10 ft on East 19th Street and Bullene.



Old main being removed



Damaged pipe/6 inch hole



New repair kit and pipe installed