



CITY OF MILPITAS AGENDA REPORT (AR)

Item Title:	Receive a Report on Emergency Repair of Abel Street Water Main and Authorize the Interim City Manager to Execute Contracts with Preston Pipeline and Joseph J. Albanese for the Emergency Repair Work
Category:	Consent Calendar-Community Services and Sustainable Infrastructure
Meeting Date:	11/5/2019
Staff Contact:	Tony Ndah, Director of Public Works, 408-586-2602
Recommendations:	<ol style="list-style-type: none"> 1. Receive a report from the Public Works Director on the emergency repair work on a water main on Abel Street. 2. Authorize the Interim City Manager to execute two contracts with Preston Pipeline and Joseph J. Albanese, respectively, for the emergency repair of the Abel Street Water Main

Background: Pursuant to Public Contract Code section 22050 and Council Resolution No. 7779, the Director of Public Works may authorize emergency work, but must provide the City Council with a report of all such activities. Pursuant to this authority, the Public Works Director authorized the hiring of Preston Pipeline and Joseph J. Albanese to complete the emergency repair of a 14-inch water main and roadway on Abel Street.

On Wednesday, October 9, 2019, the City experienced a malfunction on one of its pressure regulating valves (PRV), located near Curtis Ave. These PRVs are designed to automatically reduce the high incoming water pressure from the wholesale water suppliers to provide a lower, more functional pressure for the City's distribution system. The malfunction resulted in an over pressurization of the pipes in the vicinity of the PRV, which resulted in the failure of a 14-inch asbestos cement water main, in the northbound lanes of Abel Street, just south of the intersection with Great Mall Parkway. In addition to this water main failure, an additional five water line breaks occurred on the distribution system around the same time, in the vicinity of this PRV.

Due to the number of leaks, magnitude of the water main break, and the urgent need to restore water supply to the businesses and homes in the area, the Public Works Director authorized Preston Pipelines and Joseph J. Albanese to complete the water pipeline and roadway repair work on Abel Street, while City crews handled the other five leaks in the area. The water main repairs were completed on Wednesday, October 16, 2019 and the roadway was reopened on Friday, October 18, 2019.

Analysis: Due to the size of the repair and the urgent need to restore the water main to provide and maintain water service to numerous residents and businesses in the City, it was determined the repair project constituted an emergency that would not permit a delay resulting from a competitive solicitation of bids. In accordance with Public Contract Code section 22050 and pursuant to authority delegated by the City Council under Council Resolution No. 7779, the Public Works Director authorized Preston Pipelines and Joseph J. Albanese to complete the water pipeline and roadway repair work on Abel Street. City crews closed down the northbound lane of Abel Street between Capitol Avenue and Great Mall Parkway. City crews worked overnight to shut down and isolate the water main break and began repairs on the other 5 water breaks, while Preston Pipeline completed the repairs on the 14-inch water main.

The water flow from the failed water main caused significant damage to approximately 7,000 sq. feet of roadway, lifting the asphalt as much as four inches in places and cracking the asphalt in others. In addition, a large volume of silt and mud was washed out and significant ponding occurred across most of the roadway. Working with City crews, Preston Pipeline staff were able to repair the 14-inch water main on October 16,

2019. To expedite the reopening of the road, staff worked with Joseph J. Albanese to complete the roadway repairs and the street was reopened for use on October 18, 2019.

Currently City staff is working on two standard public works construction contracts for the water pipeline and roadway repair work on Abel Street. The total cost for the two contracts is estimated between \$100,000 and \$175,000 to document the work performed and for payment of invoices. Since the work is now completed, staff seeks authorization for the Interim City Manager to execute the two contracts with Preston Pipeline and Joseph J. Albanese for the emergency repair of the Abel Street Water Main.

Fiscal Impact: Staff estimates the repair of the water main and roadway could cost in the range of \$100,000 to \$175,000. As a result, there may potentially be insufficient funds available within the FY 2019-20 Public Works Operating Budget for this emergency work. If repair costs exceed the available funding, staff will bring forward a budget appropriation recommendation at a future Council meeting.

California Environmental Quality Act: This emergency repair work is exempt from CEQA per CEQA Guidelines Section 15301, Existing Facilities and 15302, Replacement or Reconstruction

Recommendations:

1. Receive a report from the Public Works Director on the emergency repair work on a water main on Abel Street.
2. Authorize the Interim City Manager to execute two contracts with Preston Pipeline and Joseph J. Albanese, respectively, for the emergency repair of the Abel Street Water Main in a form approved by the City Attorney.

Attachment: None