



# City of Needles, California Request for Council Action

CITY COUNCIL       NPUA       BOARD OF PUBLIC UTILITIES  
 Regular       Special

**Meeting Date:** December 15, 2020

**Title:** Resolution Number 2020-76 Close out D St. Bridge Emergency Declaration

**Background:** On January 14, 2020 a 20-foot section of main 16” steel distribution pipe ruptured in the D Street Bridge. The pressurized 16” main transmission pipe is the sole method to move water from the well along the Colorado River to the reservoirs beyond the D Street Bridge over the I-40 Freeway Bridge. The pipe is constructed inside a 24” concrete conduit. The main rupture resulted in an additional 24 leaks throughout the aged distribution system. City Council declared that an emergency situation existed due to the main break on January 14, 2020.

On March 9, 2020 the State Water Resources Control Board approved use of AB 72/Urgent Drinking Water Needs Funds in the amount of \$350,235 to address the main break with the following repairs; installation of a 12” PVC alternate pressurized transmission line along East Broadway and a variable frequency drive (VFD) on well No.15, repairs on the main break including the installation of cathodic protection and polywrap.

Beginning in May 2020 the final repairs began with the installation of the alternate supply line in E. Broadway, and installation of the VFD. The remaining repairs were scheduled during low water flow months in order to protect an adequate storage supply. All final repairs have been completed in November 2020 with the installation of cathodic protection and polywrap on the 16” main, and a new segment of the mainline north of the D Street Bridge.

**Fiscal Impact:** \$350,235 in grant funding to fund the repairs

**Recommended Action:** Determine that the initial conditions that warranted the January 2020 Emergency Declaration no longer exist and adopt Resolution no. 2020-76

**Submitted By:** Rainie Torrance, Assistant Utility Manager

**City Management Review:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Tabled: <input type="checkbox"/>	Other: <input type="checkbox"/>
Agenda Item: _____			

RESOLUTION NO. 2020-76

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NEEDLES TO CLOSE  
THE EMERGENCY DECLARATION CREATED BY RESOLUTION NO. 2020-07

WHEREAS, on January 14, 2020 a 20-foot section of main 16” steel distribution pipe ruptured in the D Street bridge located above I-40. The result of the ruptured caused a water hammer within the water system resulting in 24 leaks and additional main ruptures; and

WHEREAS, the City adopted Resolution Number 2020-07 declaring a local emergency threatening water service to the Needles Community; and

WHEREAS, The City of Needles Mayor, Vice Mayor and City Manager were authorized to take all actions to protect the interest of the City and protect health, safety and welfare of residents as a result of the D Street main break; and

WHEREAS, on March 9, 2020 the State Water Resources Control Board approved AB 72/ Urgent Drinking Water Needs Funds in the amount of \$350,235 to address the main break with the following repairs; installation of a 12” PVC alternate supply line along East Broadway and a variable frequency drive (VFD) on well no. 15, repairs on the main break including the installation of cathodic protection and polywrap; and

WHEREAS, in May 2020 the installation of the 12” PVC alternate supply line along East Broadway was completed; and

WHEREAS, in June 2020 the installation of the VFD on well no. 15 was completed; and

WHEREAS, in November 2020 the final repairs on the D Street Bridge were completed.

NOW, THEREFORE, BE IT RESOLVED to close out the emergency declaration created by Resolution number 2020-07

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Needles, California, held on the 8<sup>th</sup> day of December 2020 by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

APPROVED AS TO FORM:

\_\_\_\_\_  
Mayor

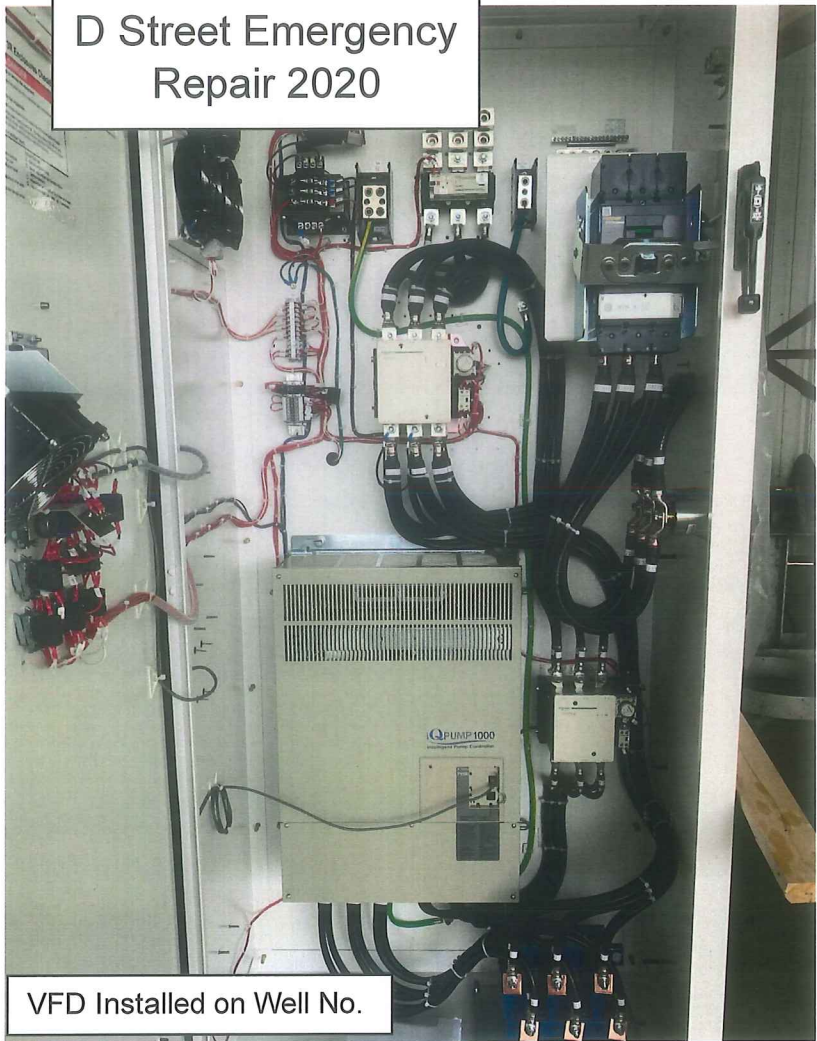
\_\_\_\_\_  
City Attorney

(SEAL)

ATTEST: \_\_\_\_\_

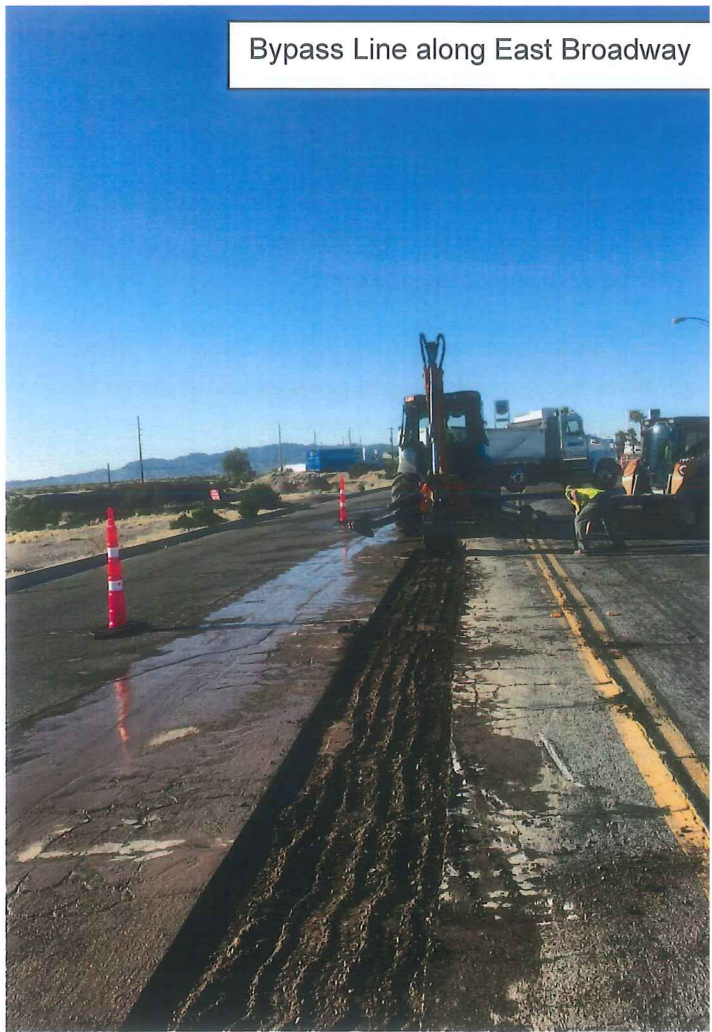
City Cler

D Street Emergency Repair 2020

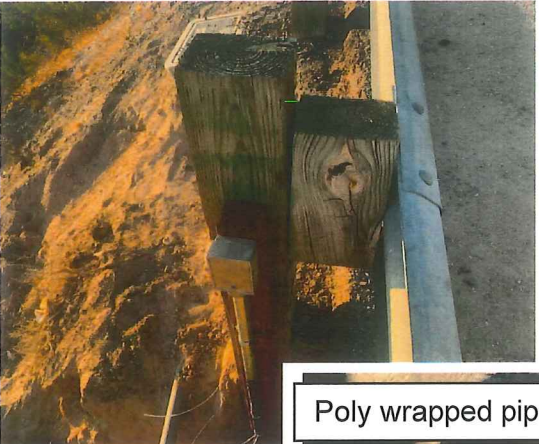


VFD Installed on Well No.

Bypass Line along East Broadway



Cathodic Protection Testing Port Installed along on D Street Bridge



Cathodic Protection Installed in 16" main along the D Street Bridge



Poly wrapped pipe in D Street Bridge

