

CITY OF NORTH LAS VEGAS MEETING AGENDA ITEM

NUMBER: 11.

SUBJECT:

Approve Emergency Projects for Repairs of Pressure Regulating Valves and Appurtenances Located on Lamb Boulevard, Between Azure Avenue and Centennial Parkway and at Arnold Loop at Nellis Air Force Base; and Authorize the City Manager to Issue Necessary Contracts to Complete the Work. (Ward 1-Barron) (For Possible Action)

REQUESTED BY:

Tom Brady, Director of Utilities

WARD:

1 - Mayor Pro Tempore Barron

RECOMMENDATION OR RECOMMEND MOTION:

It is recommended that City Council approve emergency repairs and authorize the City Manager to issue necessary contracts to complete the work.

FISCAL IMPACT:

AMOUNT: TBD

EXPLANATION: This will be funded by the Utilities Enterprise Fund.

ACCOUNT NUMBER:

00610-600322-450540

STAFF COMMENTS AND BACKGROUND INFORMATION:

The first location is at Lamb Boulevard. The PRV's and related system is not currently functioning as it should to reliably provide pressure to the 2145 Pressure Zone. Additionally, the two - 24" valves and the two - 6" valves that would traditionally isolate the PRV's to allow the repair to move forward are also not operating and need to be replaced in order to proceed with the repair.

The second location is on Arnold Loop located within Nellis Air Force Base. This system serves the whole Nellis housing area. At this location, the existing vault lid needs to be upgraded from a manhole opening to a larger vault door style for access. The 12-inch PRV and large water meter will need to be replaced which includes related piping and appurtenances.

The PRVs at these locations are critical to providing sufficient pressure to the pressure zone in the case of emergency, and repairs must be completed prior to the annual rise in daily water demand that occurs in March.

Staff recommends emergency repairs be performed at the following locations and will provide a follow-up presentation once the work has been completed.

CIP No.	Related Item:	
LIST CITY COUNCIL GOAL(S): Responsible Fiscal Management; Quality Municipal Services		
PREPARED BY:	Respectfully Submitted	MEETING DATE: 1/20/2021
Tom Brady Utilities Director	Ryann Juden City Manager	