



AGENDA ITEM SUMMARY FORM

MEETING DATE: March 10th, 2026

PREPARED BY: Hector Renteria

AGENDA CONTENT: Hydrant Updates

AGENDA ITEM SECTION: Regular Agenda

BUDGETED AMOUNT:
\$30,000.00

FUNDS REQUESTED:

FUND: 03

EXECUTIVE SUMMARY:

Hydrant Summary:

Hydrants are an integral part of the water distribution system and play an important role in firefighting. There are currently 820 hydrants in our entire water system. Of these there are currently a total of 25 out of service. There are also various other minor issues that affect hydrants as well. These minor issues do not make them inoperable but can make operation difficult and cause severe issues if left untreated. It is extremely important to have a hydrant maintenance program in place. This program should test hydrants annually, identify issues, and repair/replace hydrants. Prior to the 22-23 budget year there was no hydrant maintenance program in place. The first year there was a budget to utilize was in the 20-21 budget year at \$7,500 which was utilized for painting hydrants only. In the 21-22 budget year this increased to \$25,000. In this year a hydrant survey was performed, but there were minimal hydrants replaced. Also, data from this survey didn't include flow testing so the results were not in depth. In the 22-23 budget we were able to increase the budget to \$30,000. This allowed a hydrant survey to be performed on half of the hydrants in the city, and the replacement of 5-7 hydrants depending on exact issue. This was repeated in the 23-24 budget year. A \$15,000 dollar increase was requested in the 23-24 budget year but was not allocated. The same request was rolled over to the 24-25, and the 25-26 fiscal year budget requests. We attempted to increase the budget to allow for more repairs/replacements due to the amount we discovered out of service after our first survey. Since the program's inception we have been able to put 41 hydrants back in service across the city. We have also made various repairs to 48 hydrants. We still have hydrants that need replacement, or repairs, but we are constantly working to determine the most efficient manners to get as many back in operation as possible. Once all hydrants are in service, we can then focus resources on the minor repairs, preventative maintenance, and aesthetics. We are

also actively working with AFD to assist in flow testing of the hydrants. There may be capacity for them to assist PW in this matter.

Insufficient Fire Flow Areas:

There are many areas in the city that do not have sufficient fire protection. This is due to there not being a fire hydrant within 500 feet of a structure. There are some areas that this can be rectified by installing a hydrant, valve and some piping. However, a little over half of the areas identified would need an entire new line installed to accommodate. We evaluated the Holly, Mimosa and Gardenia area in depth to determine the costs of having adequate fire protection in this neighborhood. As seen in the GIS map the distance between existing hydrants on Holly and W Mimosa are well over 500 feet. The existing lines on these two streets are 2” on Holly, and 4” on Mimosa, respectively. Approximately 2900’ of 8” PVC water line would need to be installed, along with 4 fire hydrants, valves, etc. At approximately \$50 per foot of line, and \$4,000 per hydrant would be an approximate cost of \$157,000, not including design. This is a perfect example of what the areas with undersized lines are facing to achieve adequate fire protection.

Bert Street Hydrant: This hydrant is located at 305 Bert Street. Our city staff last flushed this hydrant on June 13th, 2023. This hydrant was also most recently flushed on January 16th, 2025 as part of the 2025 hydrant inspections.

RECOMMENDATION: