

# Lemay Ave 20" Transmission Main Emergency Replacement

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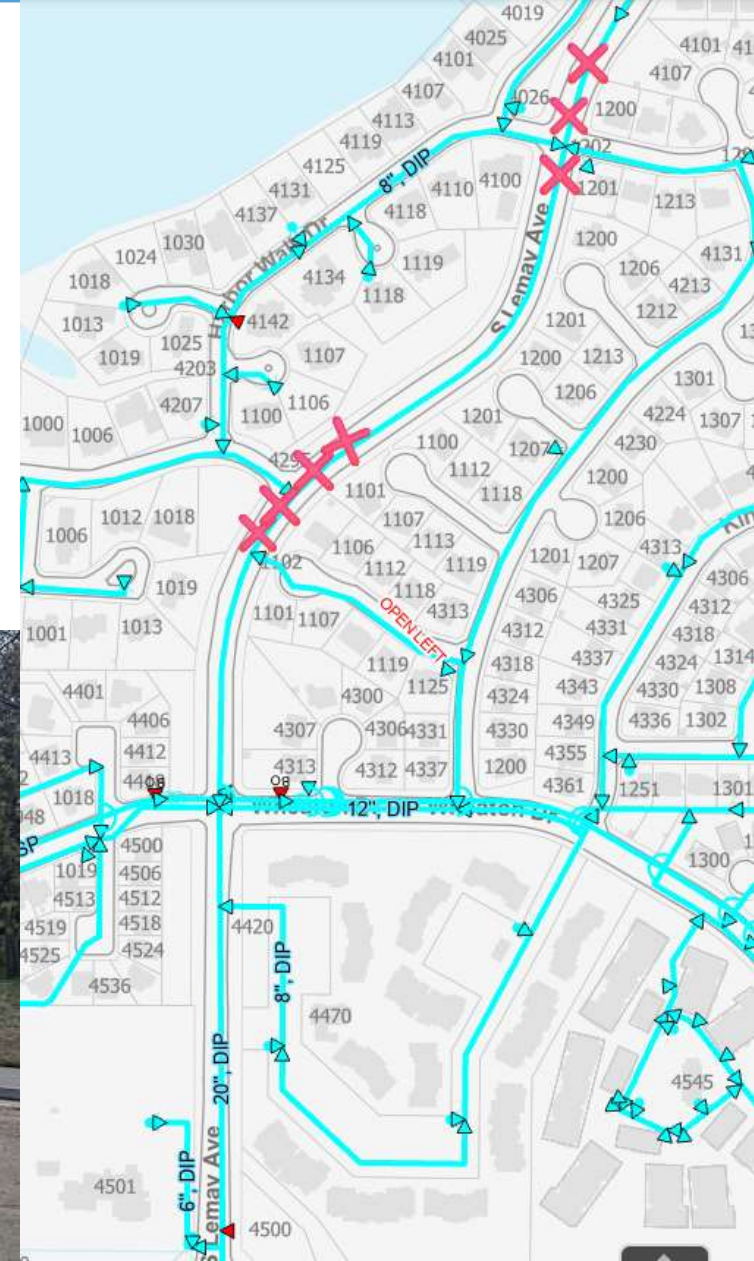
Does the Committee support an appropriation of \$3.2M from Water Fund reserves to complete the Lemay Transmission Main Replacement Project?

02

Does the Committee support an appropriation of \$200k from Water Fund reserves to supplement the water main repairs operating budget?

# Background

- 7 Main Leaks Occurred between 4/22/25 & 6/18/25
- Each leak requires full closure of Lemay Ave for 18 – 24 Hours
- Repair costs estimated between \$175,000 - \$200,000
- Leak repair doesn't affect individual services but creates isolated system vulnerability
- Street repair and safety considerations





# Recommendation – Emergency Replacement



- Existing main is 1979 Ductile Iron Pipe direct buried w/out plastic wrap
- All 7 Failures have been electrolysis holes on top of pipe
- 1979 vintage pipe exists from Harbor Walk to Harmony Road (~2,800 L.F.)
- 1985 vintage pipe N. of Harbor Walk (plastic wrap & no known leaks)
- Recommend replacing the entire 2,800 L.F. of existing Ductile Iron Pipe with new Polyvinyl Chloride Pipe (PVC).
- Design will determine the exact sizing and location within Lemay Ave which can hopefully lower cost estimates.
- Construction to be completed by summer of 2026 to meet water demands



- Engineer's Opinion of Probable Cost = **\$3,200,000**

Item	Budget
Design	\$250,000
Construction	\$2,500,000
Contingency	\$450,000
<b>Total</b>	<b>\$3,200,000</b>

- Water Main Repairs Operating Budget Need = **\$200,000**
- Total Supplemental Appropriation Request = **\$3,400,000**



# Water Fund Reserves Position

Description	Total
2024 Year-End Fund Balance	\$79.5M
Previously Appropriated	(\$46.4M)
Minimum Reserve Policy	(\$7.0M)
<b>Available Reserves</b>	<b>\$26.1M</b>

- Lemay Water Line Replacement \$ 3.4M
- 2025 Available \$ 22.7M