

2023 Water Main Replacement Project 1

CO-00814-01– Job # 23-4003

Public Meeting

Adam Eddy P.E.
Project Engineer

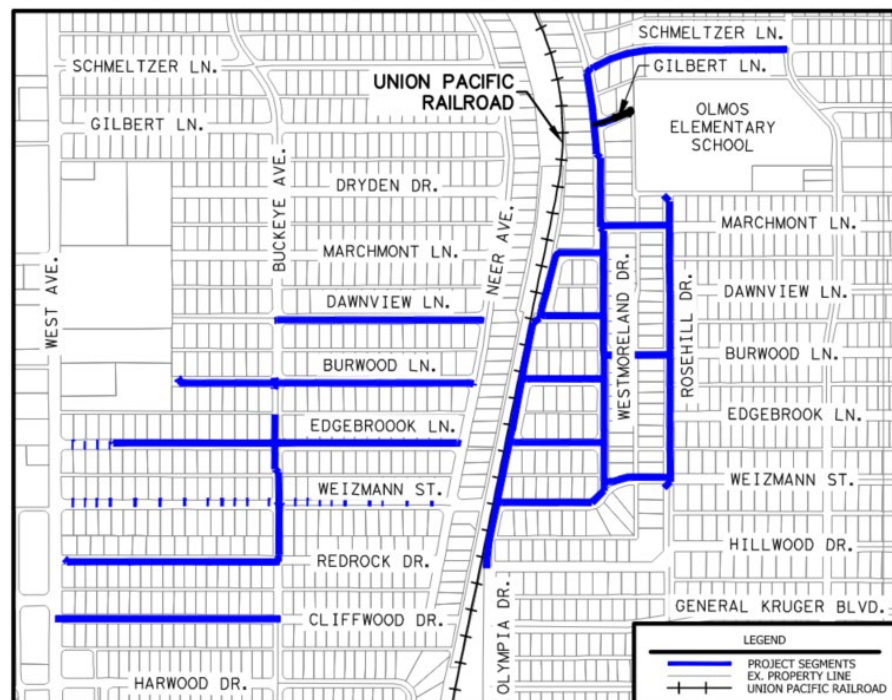
Edgar Segovia, P.E.
Project Manager, WGI



2023 Water Main Replacement Project I CO-00814-01-Job # 23-4003

Project Purpose- Replace deteriorating water mains that have a history of multiple failures and have a high probability of failure in the future by constructing parallel replacement mains within existing ROW. By completing this project, the area will have a significant improvement in the level of service regarding main breaks.

Project Overview



LOCATION MAP
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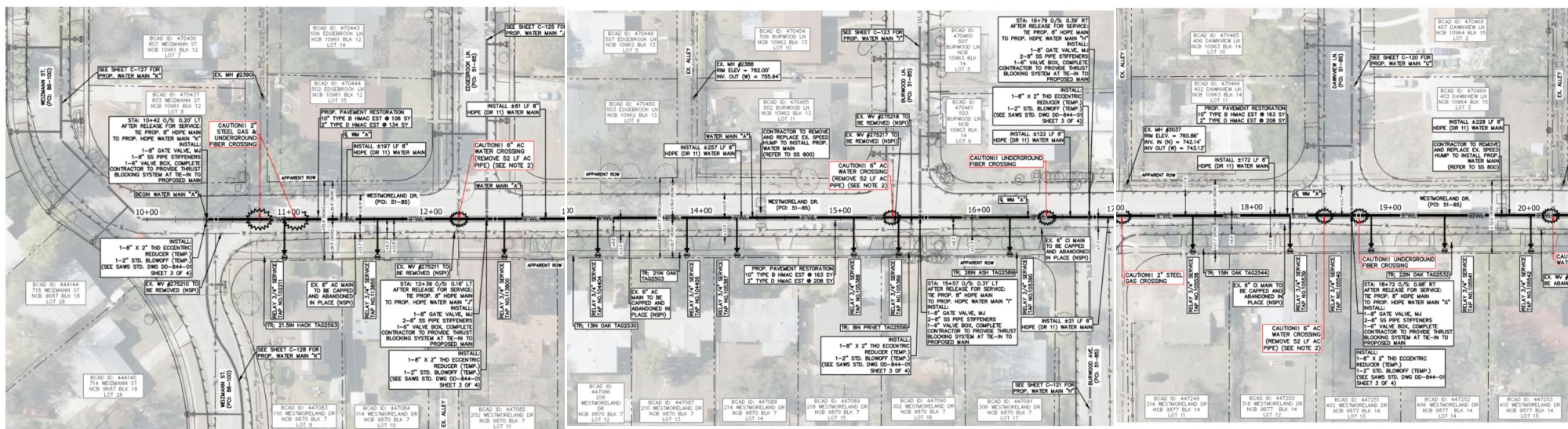
Project includes installation of watermain in two primary locations within the following roadways:

- Approximately 18,800 feet of existing 6-, 8-, and 12-inch water mains located in neighborhood streets by installing 6-, 8-, and 12-inch diameter water mains via open-cut and trenchless construction methods.

Project Scope

1200 LF of 12" HDPE DR-11, 340 LF of 2" HDPE DR-11
and 14,300 LF of 8" HDPE DR-11

- Approximately 16,124 LF of open-cut
- 12 fire hydrants, 31 main tie ins, 399 services
- 62 – 8" Gate Valves, 3 – 12" Gate Valves and 2 – 6" Gate Valves



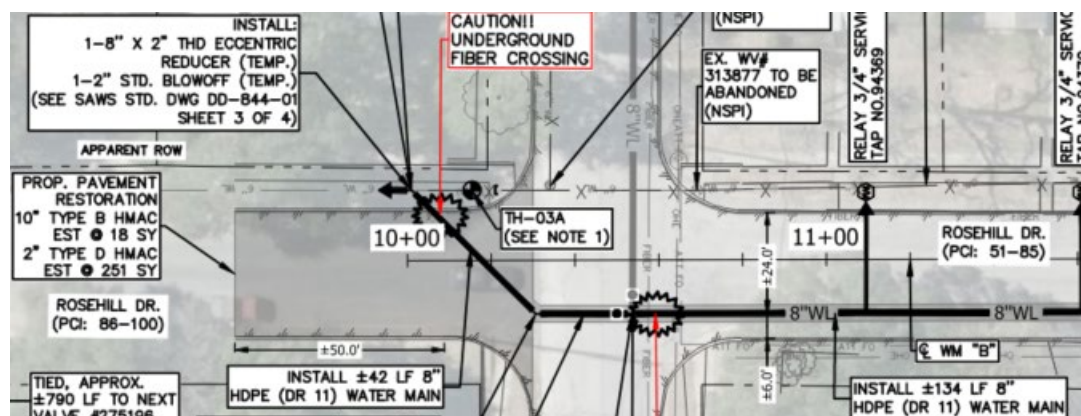
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Project Scope

All work to remain in City of San Antonio right-of-way: Pavement restoration to be in accordance with City of San Antonio Standards.

- Rosehill, Marchmont, Schmeltzer, Cliffwood, and Buckeye contain portions to receive overlay
- All other streets to receive trench repair



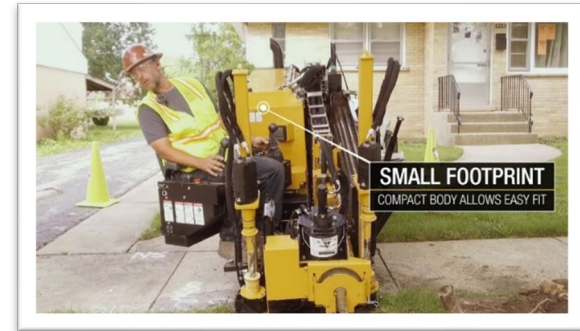
Project Scope (con't)

Relocation of 192 services from alley to street

Install new yard piping within private property (performed by a Licensed Plumber)

Two Construction Methods for yard piping installation:

Open Cut or Directional Drilling

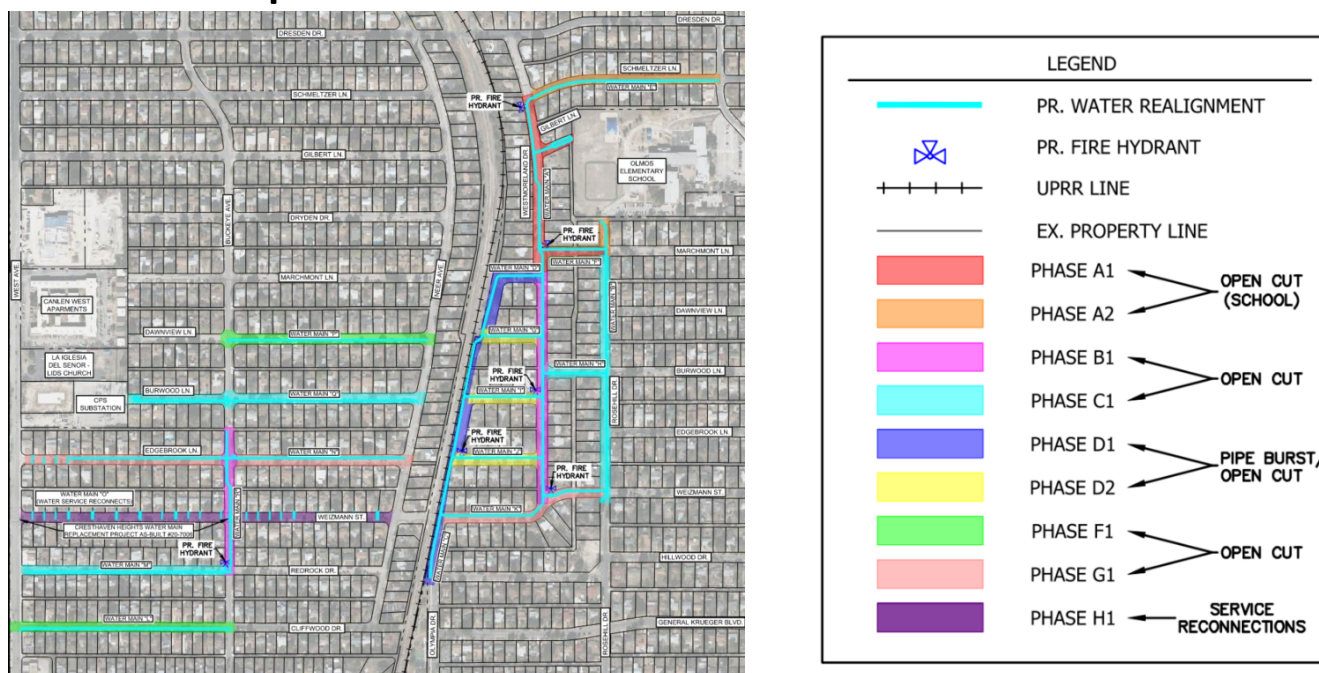


Project Scope

- Access to driveways and local traffic will be maintained at all times.
- Trench backfill or steel plating will be installed daily. Trenches not open overnight
- Construction will minimize service outages. Residence will be notified by door hangers and automated calls prior to water outage.
- VIA, trash collection and school bus service will be maintained and coordinated through out construction
- No trees to be removed
- Construction Duration - 600 Calendar Days

Project Schedule

- Anticipated Start Date: December 2025
- Anticipated Completion Date: June 2027



For the most up to date information please scan QR code
<https://www.saws.org/infrastructure/construction-projects/23-4004/>

Job No. **23-4003**



Cost: \$7,674,195.00

2023 Water Main Replacement Project 1

Engineer: **WG1**

Contractor: **Facilities Rehabilitation, Inc**

For the most up to date information on this project, please scan the QR Code
or visit this URL: [https:// www.saws.org/23-4003](https://www.saws.org/23-4003)



210-233-3500
business hours

210-704-SAWS
emergency

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QUESTIONS?