



Arbor Street and Locust Avenue Water Main Improvement Project

September 28, 2023

Project Background

- In September 2020, the Water Distribution System Master Plan was completed to provide a comprehensive planning guide for improving and maintaining LBUD's potable water system

Long Beach Water Department Water Distribution System Master Plan

September 2020



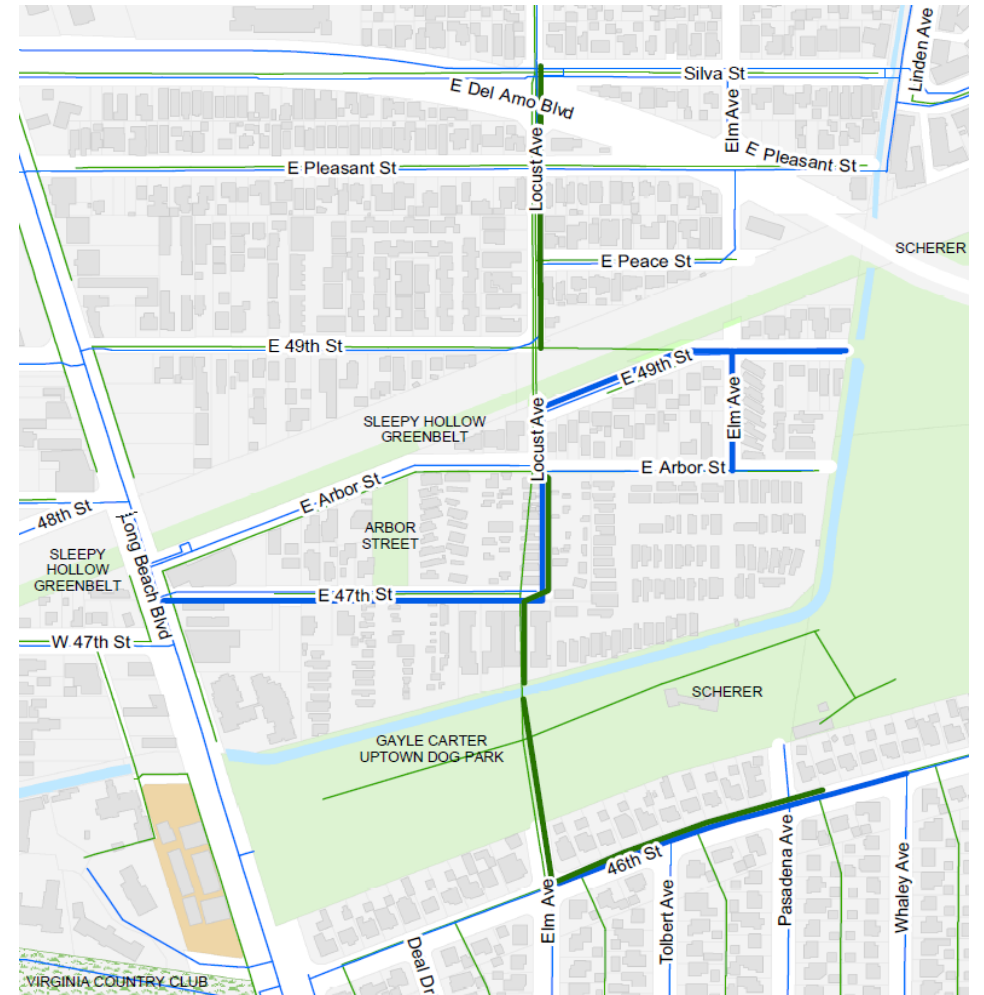
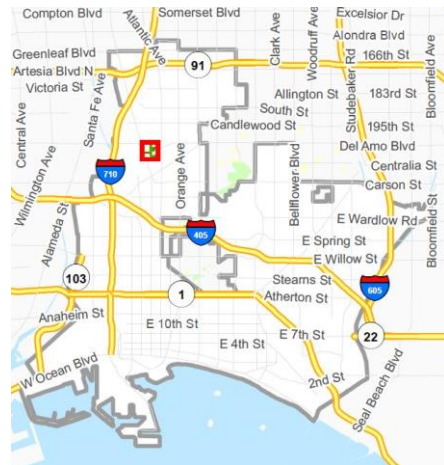
Project Description

- Project 4-C/POF-17
 - Address hydraulic deficiencies (#1 in previous slide) and relatively high probability of failure (#2 in previous slide)
 - Upsize approximately 1,720 feet of existing water main from 6-inch to 8-inch
 - Construct approximately 625 feet of new 8-inch water main
 - Design constraints include limited roadway access, easement securement, traffic management, and utilities conflict



Project Location

- Location Constraints:
 - Crossing the mobile home site within private property
 - Mitigating the traffic in the cul-de-sac on 47th Street
 - Close proximity to North Long Beach flood control channel at E. 49th Street



Recommendation

Authorize the General Manager to issue Task Order No. 01-2023 under On-Call Professional Engineering Contract to Michael Baker International, Inc., to provide engineering design services for the Arbor Street and Locust Avenue Water Main Improvement Project 4-C/POF-17 (MC-5245) in the amount of \$253,033.



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