



**Engineering &  
Environmental**  
CONSTRUCTION

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# UNDERGROUND UTILITY INSTALLATION

## CASE STUDY

### PROJECT OVERVIEW

**Project Name:** Vault and Piping Installation in City Streets

**Location:** Hawthorne, CA

**Job Type:** Underground Vault Replacement & Street Resurfacing

### DESCRIPTION

Upgrading badly deteriorated well vaults to remedy increasing environmental concerns below one of the busiest streets in the Los Angeles area. This project involved removing the old well vaults, replacing them with high-traffic manhole-style vaults, and then resurfacing the area – while managing the safe and efficient flow of constant LA traffic.



### MAIN TASKS

- Secure permits
- Plan and implement traffic control protocols
- Break and remove existing well vaults
- Install manhole-type grade rings and covers
- Slurry new grade rings and vault into place
- Install new pipes
- Resurface approximately 900ft x 20ft of street – requiring a 2" overgrind
- Repave and replace all traffic control markings and reflectors

## CHALLENGES

Traffic Control – The greatest challenge of this project was the location. Rosecrans Avenue (near the intersection with Sepulveda Boulevard) is a major Los Angeles area thoroughfare. The road needed to remain active during construction, so extra diligence was required to maintain safety for both the crew and the public.

## ABOUT E&E CONSTRUCTION

Engineering and Environmental Construction (E&E) was founded in 2006 with a primary focus on the installation of environmental remediation systems. Over the years, we've continually expanded our skill-sets to become one of the industry's leading purveyors of full-service construction services – both within the environmental industry and in general construction. Today, we are proud to offer a wide range of highly specialized environmental engineering capabilities and a full-suite of general construction services to support our clients' ever-evolving needs.



## STATEMENT OF QUALIFICATIONS

Engineering and Environmental Construction, Inc (E&E) is a privately held corporation established in 2006. E&E's main construction offices are based in Huntington Beach, CA. We are licensed to conduct operations throughout California, Arizona, Nevada, and Washington.

Contractor Licenses and Certifications Include (but aren't limited to):

- Class A General Engineering License
- B General Building License
- C-10 Electrical License
- C-36 Plumbing License
- Hazardous Substances Removal License
- Annual OSHA Excavation & Trenching Certification
- Remedial Action Certification
- SCAQMD Rule 1166 – Various Locations Permit

E&E is recognized as an SBE with many entities, such as the DGS, and we are also pre-cleared by Homeland Security for access to ports and military installations. We maintain a Zero Incident Safety Record and a 0.78 Experience Modification Rate (EMR), among other H&S recognitions.

## CONTACT US

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