

## PROFILE

Alfred Martinez Engineering is a San Francisco based civil engineering firm conducting construction management, civil engineering design and project controls. The business was started in December 2016 and has obtained several on call contracts and task orders with Millennium Consulting Associates, SFPDW, SF PORT Authority, Caltrans, HDR and COWI International.

### SFMTA Projects:

Project Superintendent: N Judah and J Church Lines Light Rail Construction and Energizing. The light rail construction consisted of subgrade, drainage, ballast preparation, rail installation and line electrification (amt unk). The project expands the existing San Francisco Municipal Railway System into several additional neighborhoods.

### Caltrans Projects:

Construction Manager: BASE Security Enhancements Project

IT/infrastructure hardening: A 20-million-dollar security enhancement project which addressed infrastructure hardening throughout the Bay Area (bridges, tunnels and tubes). The project included the design of two steel towers, a fiber optic and wireless network and two Incident centers to centralize emergency responses by Caltrans and the CHP.

### Construction Manager:

SFOBB Cable Wrapping Project: A 3-million-dollar project to wrap the SFOBB at several locations to abate corrosion and damage to main supporting cables. The night work required the design and construction of a specialized cable wrapping rig and procedures used by the CM to complete the work.

### Light Rail Projects:

Joint Powers Board Rail Liaison: I/280P3-Islais Creek Trestle Bridge Construction and Rail Repair: Rail rehabilitation and deep-water construction (coffer dam and trestle bridge).

### Resident Engineer:

Posey-Webster Structural Improvements: A 2-million-dollar project to reinforce and strengthen a roof canopy and drainage system of a 12KV substation. The substation was built in 1926 and is a State & local historic building requiring environmental considerations & permitting for structural & historic modifications to the buildings 100ft above grade.

### Bridge Projects:

I280 Viaduct P1, I-280 Viaduct P2, I280 Islais Creek, Central Freeway, Cyrus E, Cyrus F, Cypress G, SFOBB Retrofit & MacArthur Maze retrofit. Prestressed concrete and steel bridges erection and placement.

### Buildings:

Antioch Toll Building, Dumbarton, Richmond-San Rafael, Carquinez, Benicia-Martinez, San Francisco Oakland Bay Bridge, Posey- Webster. Seismic retrofitting, new buildings project administration, scheduling and time impact analysis.

### Tunnels:

Caldecott Tunnel Repairs (Bore 1 later Bore 3)

Through his experience is not solely in rail construction, it demonstrates an exceptional skill level which applies to many disciplines.

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**PHONE:** 415.680.5351

**EMAIL:** a1mar2tinez3@gmail.com

**WEBSITE:** ame-designbuild-solutions.com

**BUSINESS ADDRESS:** 1408 Shotwell Street, San Francisco, CA 94110

**PE LICENSE NUMBER:** C59092