



San Francisco Bay Area Section



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September 11, 2012, Meeting Notice

| Date | Location |
|-------------------------|---|
| Tuesday, September 11th | Zio Fraedo's Restaurant 611 Gregory Lane, Pleasant Hill, CA. (925) 933-9091 |

Cost: \$15 NACE members \$25 non-members

Time: 6:00 PM Hospitality • 7:00 PM Dinner • 8:00 PM Program
Please RSVP by **Friday, September 7th** by e-mail to **Dan Day** at danday94@pacbell.net, or by phone at (510) 507-0013.

Directions: Please see "Newsletter Back Page" attachment for map and directions.

Corrosion Protection Challenges at the California Department of Water Resources

Presented by James Albertoni, P.E.

Corrosion Engineer, Division of Operations and Management, DWR

This presentation will focus on the corrosion aspects dealt with by the California Department of Water Resources (DWR). A brief overview of DWR, its facilities, and the role the corrosion engineer plays, will be given.

DWR uses cathodic protection in two environments, water and soil. The main DWR facility is the California Aqueduct. DWR uses both galvanic anode and impressed current cathodic protection systems on the radial gates, trashracks, and pumps on the aqueduct. There are pros and cons associated with both types of cathodic protection systems. DWR also has several large diameter pipelines (100+ inches) that have impressed current cathodic protection systems with both cement based and dielectric coatings. Both coating types have special concerns with regards to cathodic protection.

James Albertoni graduated from Cal Poly San Luis Obispo in 2005 with a B.S. in Materials Engineering. He holds a Mechanical P.E. and is a NACE CP Specialist. James was a Corrosion Engineer with CH2M Hill for 6 years, focusing on cathodic protection, coatings, and condition assessment. He is currently a Corrosion Engineer with the California Department of Water Resources. His role focuses on both coatings and cathodic protection for submerged and buried water conveyance facilities.



San Francisco Bay Area Section

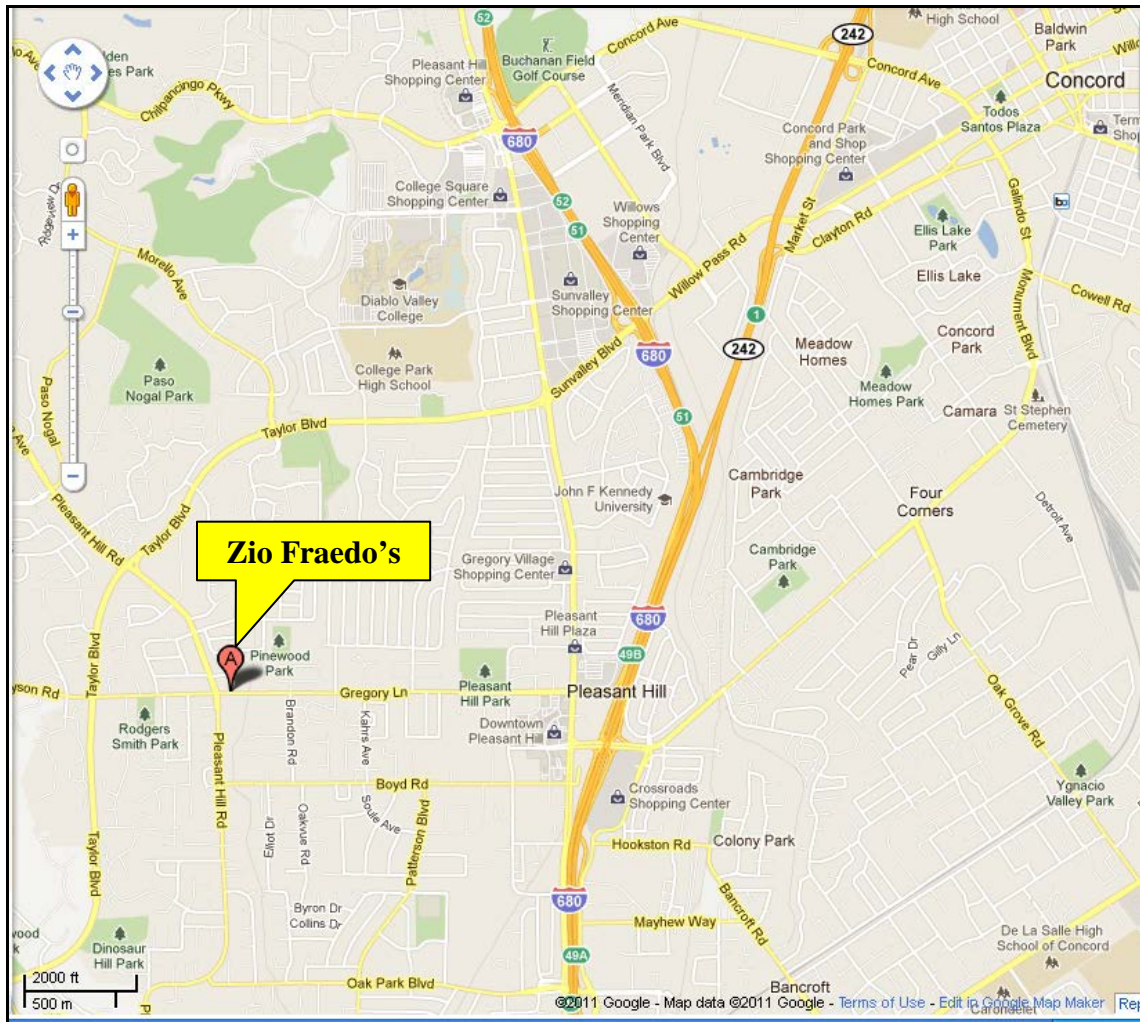


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Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091

Directions

- Take I-680 north to Contra Costa Blvd. Exit 49A in Pleasant Hill and drive north. Pass Monument Blvd. then turn left onto Gregory Lane. Pass Brandon Rd. on left in 1 mile. Look for Zio Fraedo's on the right just before Pleasant Hill Rd.
- Take I-680 south, exit at Sun Valley/Willow Pass Rd. Drive west and turn left on Contra Costa Blvd., then right on Gregory Lane. After 1 mile drive past Brandon Rd. on the left. Zio Fraedo's will be on the right just before the Pleasant Hill Rd.