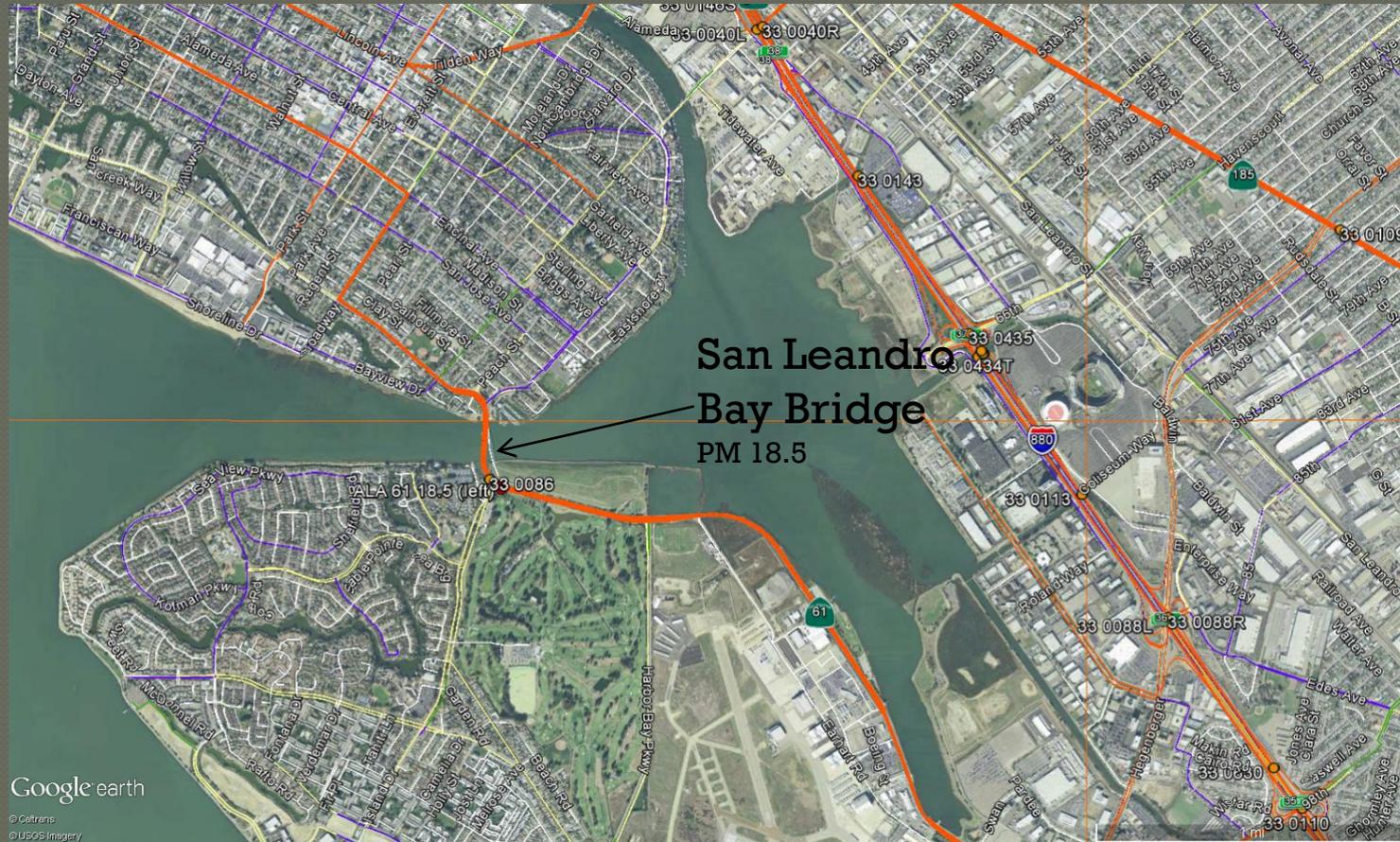


# **Repair and Rehabilitation of the San Leandro Bay Bridge Project on Ala-61 in the City of Alameda**

Alameda City Council Meeting  
February 3<sup>rd</sup>, 2015



# Location Map





# Purpose and Need

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- Perform needed maintenance
- Keep the bridges safe for users
- Repair and upgrade Mechanical components and Electrical equipment

# Scope of Work

## SAN LEANDRO BAY BRIDGE

- Pressure wash, spot blast clean, and paint all of the steel members in the movable truss span
- Replace 4 traffic gates and one pedestrian gate
- Install I-Beam
- Refurbish and rebuild electrical end lock system
- Catwalk Modifications



# Scope of Work

## SAN LEANDRO BAY BIKE BRIDGE

- Provide accessible performance platform for future repair and maintenance
- Install access gates, ladder, and hand winch
- Service the hydraulic system





# Schedule

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- End Environmental Phase Sept. 2014
- Complete Design Phase Mar. 2015
- Advertise Jun. 2015
- Start Construction Oct. 2015
- End Construction May 2016



# Project Coordination During Design Phase

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- Project coordinated with US Coast Guard
- Worked with City staff during project development

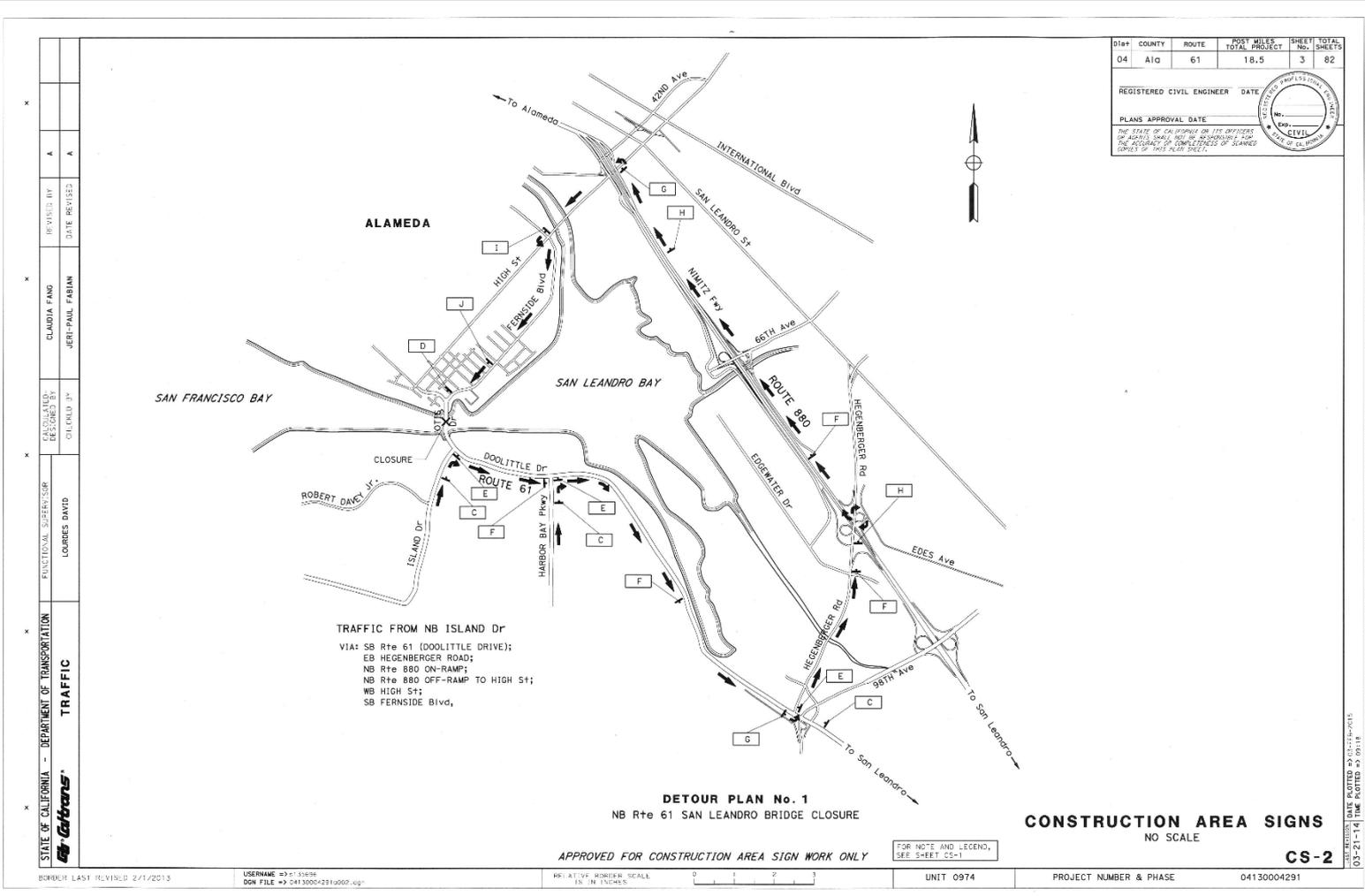


# Construction Impacts

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- ◉ Night time bridge closures to motorists
- ◉ No bridge opening for mariners during Jan 2 to May 15
- ◉ Night work to minimize impacts to traffic and businesses

# Detours



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION <b>Caltrans</b>	FUNCTIONAL SUPERVISOR LOURDES DAVID	DESIGNED BY CLAUDIA FANG	REVIEWED BY A
		CHECKED BY JERI-PAUL FABIAN	DATE REVISED A

TRAFFIC FROM NB ISLAND DR  
 VIA: SB Rte 61 (DOOLITTLE DRIVE);  
 EB HEGENBERGER ROAD;  
 NB Rte 880 ON-RAMP;  
 NB Rte 880 OFF-RAMP TO HIGH ST;  
 WB HIGH ST;  
 SB FERNSIDE Blvd,

**DETOUR PLAN No. 1**  
 NB Rte 61 SAN LEANDRO BRIDGE CLOSURE

**CONSTRUCTION AREA SIGNS**  
 NO SCALE

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

FOR NOTE AND LEGEND,  
 SEE SHEET CS-1

**CS-2**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS
04	Ala	61	18.5	3 82

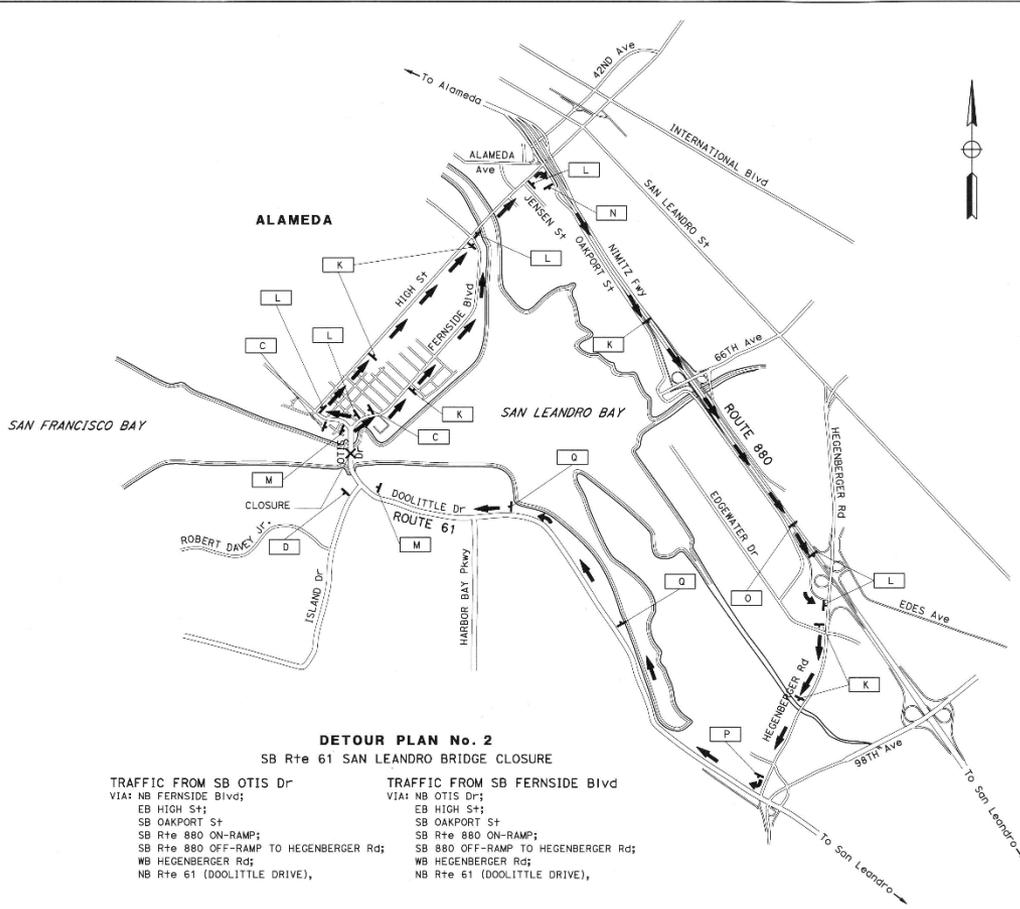
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 PLANS APPROVAL DATE \_\_\_\_\_

THE STATE OF CALIFORNIA OR ITS OFFICIALS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

# Detours

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

FUNCTIONAL SUPERVISOR	LOUISE DAVID
CHECKED BY	JERI-PAUL FABIAN
REVISOR	CLAUDIA FANG
DATE	08/11/2013



**DETOUR PLAN No. 2**  
 SB Rte 61 SAN LEANDRO BRIDGE CLOSURE

**TRAFFIC FROM SB OTIS Dr**  
 VIA: NB FERNSIDE Blvd;  
 EB HIGH St;  
 SB OAKPORT St  
 SB Rte 880 ON-RAMP;  
 SB Rte 880 OFF-RAMP TO HEGENBERGER Rd;  
 WB HEGENBERGER Rd;  
 NB Rte 61 (DOOLITTLE DRIVE),

**TRAFFIC FROM SB FERNSIDE Blvd**  
 VIA: NB OTIS Dr;  
 EB HIGH St;  
 SB OAKPORT St  
 SB Rte 880 ON-RAMP;  
 SB 880 OFF-RAMP TO HEGENBERGER Rd;  
 WB HEGENBERGER Rd;  
 NB Rte 61 (DOOLITTLE DRIVE),

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	61	18.5	4	82

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 PLANS APPROVAL DATE \_\_\_\_\_  
THE STATE OF CALIFORNIA ON ITS OWNERSHIP OF RIGHTS SHALL BE RESPONSIBLE FOR THE ACCURACY OF COMPLETION OF SCHEMES COPIES OF THIS PLAN SHEET.



**CONSTRUCTION AREA SIGNS**  
 NO SCALE

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

FOR NOTES AND LEGEND, SEE SHEET CS-1

**CS-3**

DATE PLOTTED => 03 JUL 2013  
 PLOTTED BY => 10:28





# Construction Outreach

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- Include project information and construction schedule on Caltrans website
- Notify residents and businesses by mail of work schedule
- Install Electronic Message Signs before the start of construction work
- Continue coordination with Coast Guard, City, County and others during construction



*Caltrans*

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**THANK  
YOU**