



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT

LAN Engineering Consultant *PR 4-10-08*

REPORT NO.	DATE	
475 (7-day)	April 01, 2008	M <i>J</i> W T F S S (DAY)
NORMAL WORK HOUR:	WEATHER:	
START: 6:00AM STOP: 3:00PM	OVERCAST/SUNNY	
LOCATION :		
Construction Field Office :	333 Burma Road, Oakland 94607	
Working Drawing Campus Office :	375 Burma Road, Oakland 94607	

04-SF-80-13.2/13.9
Contract No. 04-0120F4
{SAS Superstructure}

Caltrans Supervisor:
Gary Lai
Senior Bridge Engineer

Office Work:

- ❖ **Submittal Status Meeting (Caltrans – T.L.LIN – PB) (830)**
 - Monday meeting rescheduled for today.
 - Hand-out of the Priority Submittal list with PB status of submittals.
 - Discussed returned submittals, status of reviewing submittals and new submittals.
- ❖ **Pre-Design MEP Coordination Meeting (Caltrans - PB) (0900):**
 - Reviewed and discussed all outstanding MEP issues.
- ❖ **MEP Coordination Meeting with Contractor (1000).**
 - The agenda is attached.
 - Bill, Max. and Saeed discussed trip to China.
- ❖ **MEP Shop Drawing Work.**
 - Updated the priority submittal list.
 - Worked on the master penetration list.
 - Started to develop the new master charts with the China tracking charts and additional columns included.
- ❖ **Grounding issues on the SAS Structure.**
 - Grady Hart scheduled a field trip to W2 and to end of Skyway to confirm the status of the existing ground systems.
 - Field trip to the end of the skyway to see the grounding cables on top of columns at E-2.
 - Field Trip to W2 to determine the location of the ground cables at each one of the W2 footings.
 - Field Photos attached.



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- ❖ **Electrical Sub-Contractor discussions (Bleyco Electric- Anna Lee).**
 - Anna gave me a copy of the photos of the North Star Fixture Prototypes.
 - Bill Shedd indicated that we should request these two types be sent for review.
 - See photos of fixtures – attached.

*Any questions or comments you can reach me at (916) 919-7158.
My E-Mail address is Mike.Travis@LANEngineering.com or Michael_Travis@dot.ca.gov*

END OF REPORT

Attachments:

1. Team MEP Meeting agenda.
2. Grounding System Field Trip Photos.
3. North Star Fixture Photos.

SIGNATURE

Work hours 0545-1600 – 8 hours regular

Name

Michael F. Travis

TITLE

Electrical Engineer – LAN Engineering

TEAM MEP MEETING
Agenda for April 1, 2008, 10:00 AM
WDC Conference Room

1. RFI STATUS REVIEW AND EVALUATIONS

1.1. Requests for which ABF is awaiting response

1.1.1. RFI #734R1 (3/5/08) – Elevator General Arrangement – detail confirmations

1.1.1.1. anticipated response date is by 4/11

1.2. Requests returned since last meeting on 3/25

1.2.1. RFI #1249 (3/14/08) – Dehumidification Support Details for West Cable Anchorage

1.3. RFI/CCO EVALUATIONS LEGEND

(1 = NC = NO CHANGE)

(2 = CCO = CALTRANS TO INCLUDE IN CHANGE ORDER)

(3 = ? = STATUS UNRESOLVED; DEFER TO CORE GROUP FOR EVALUATION)

(4 = OH = ON HOLD PENDING FURTHER REVIEW OR ADD'L INFO)

1.3.1. Recent (or on hold) RFI responses to be evaluated for CCO needs

RFI / EVALUATIONS	ABFJV	CALTRANS	FINAL	CCO #
ABF-RFI-001249R00	1	1		

1.4. Upcoming Requests

1.4.1. MEP-OBG coordination: misc attachments and penetrations

1.4.1.1. cable rail post layout

2. SUBMITTALS

2.1. MEP Submittals are currently under review

2.1.1. NOT APPLICABLE

2.2. MEP Submittals returned since meeting on 3/25

2.2.1. NOT APPLICABLE

2.3. Upcoming Submittals

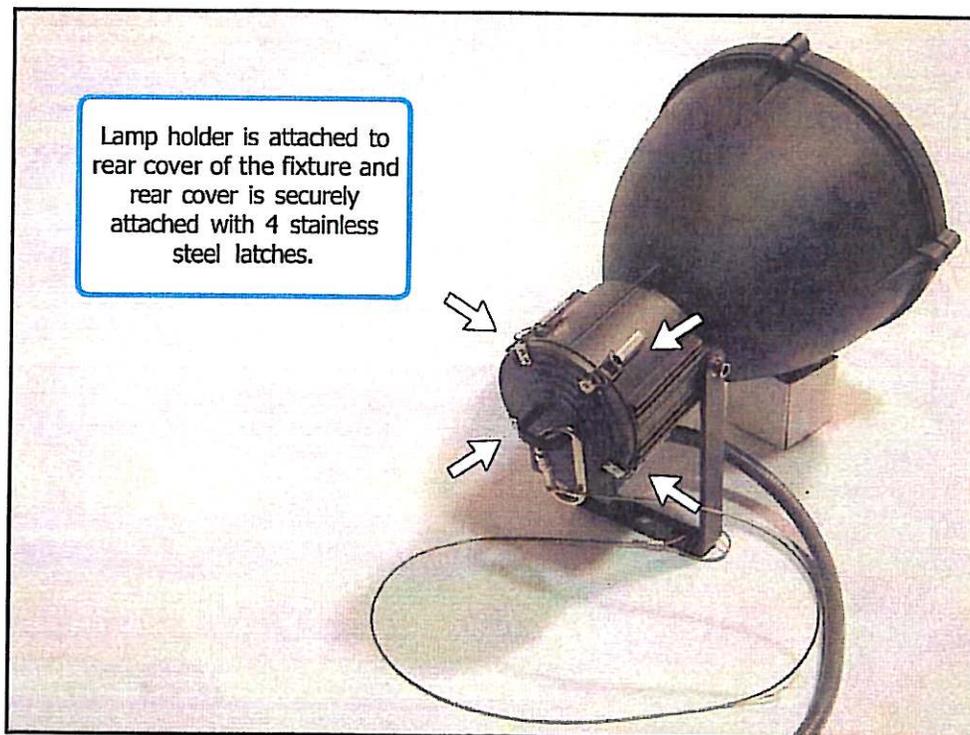
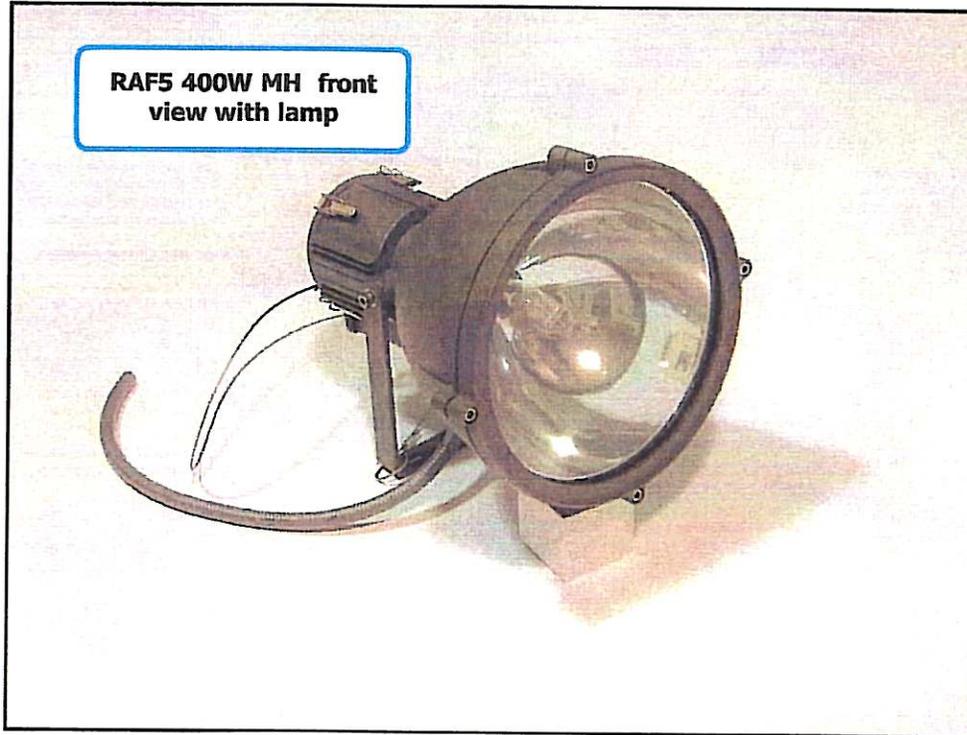
2.3.1. FWS welding procedures for cable tie-down drain pipe – this week

- 2.3.2. FWS working drawings (piping) – 2 to 3 weeks out
- 2.3.3. Fog Detection Panel – pending re-design
- 2.3.4. 105R1 – Misc. Light Fixtures – delayed pending supplier cooperation
- 2.3.5. Bike Path Traveler drawings – 1 to 2 weeks out

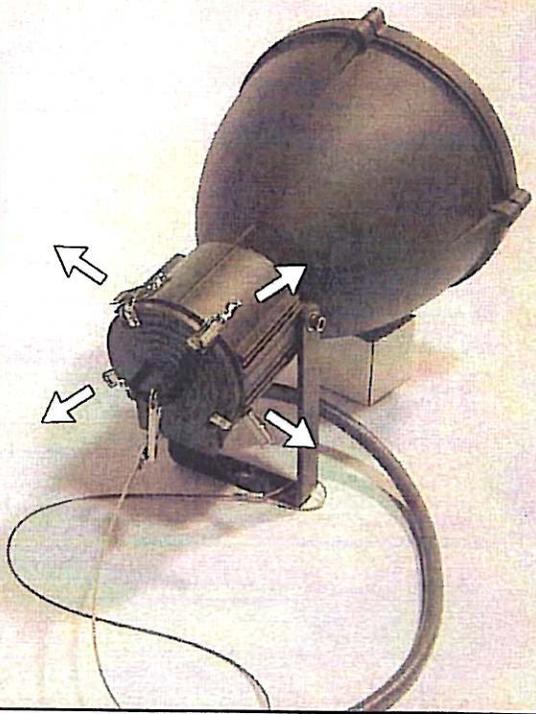
3. **MISCELLANEOUS**

- 3.1. Status of 3D computer model for Tower Head and other bridge components
- 3.2. Visit to ZPMC in Shanghai by Shedd, Shahmirzai, Takaki

RAF5 400W MH Rear Relamping prototype for Bay Bridge project



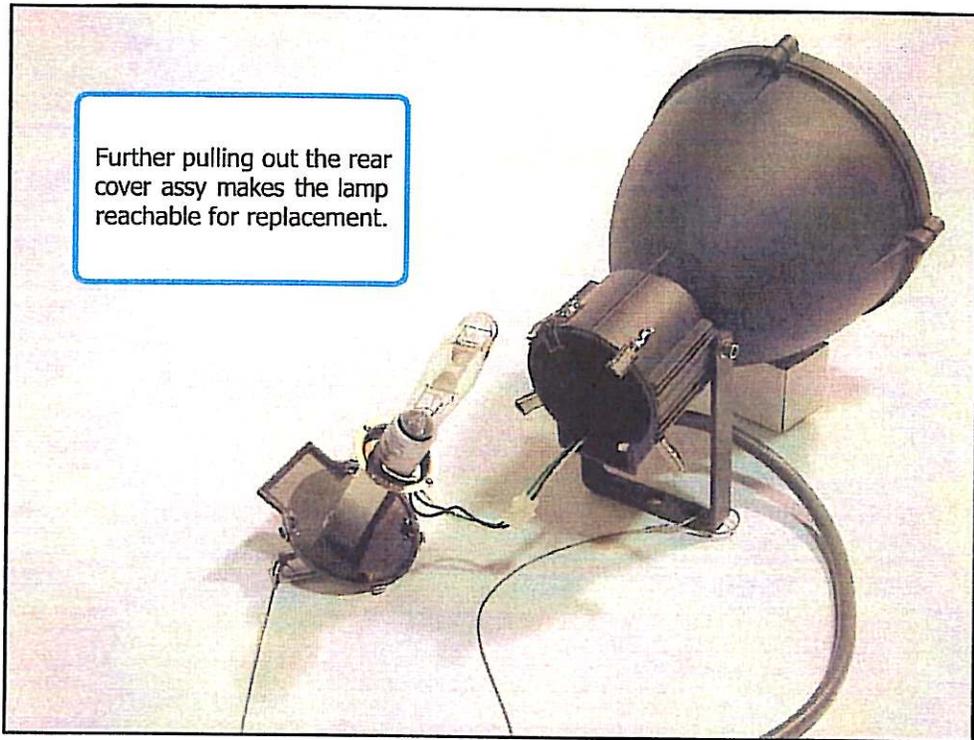
For lamp replacement;
latches can be released by
hand without need for any
tools.



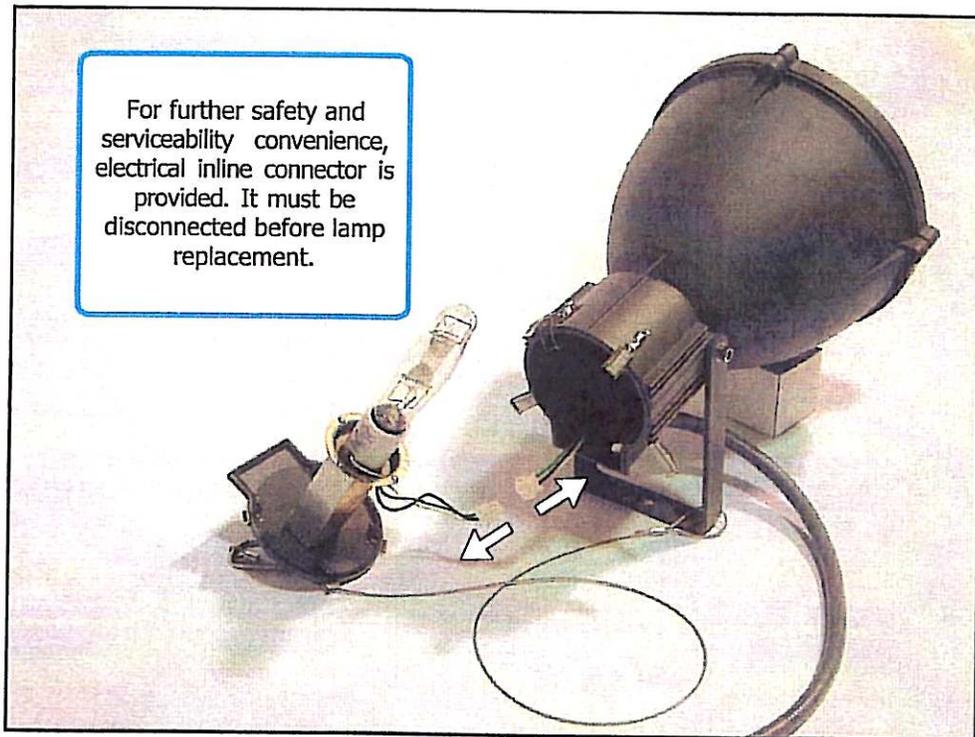
Once latches are released,
rear cover becomes
accessible.

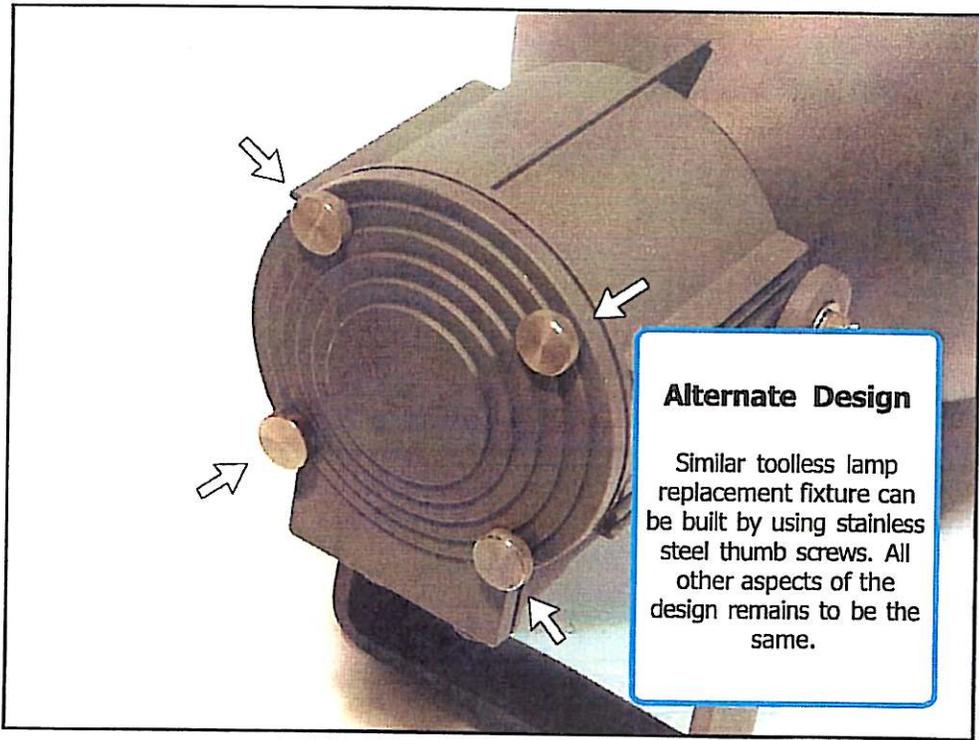
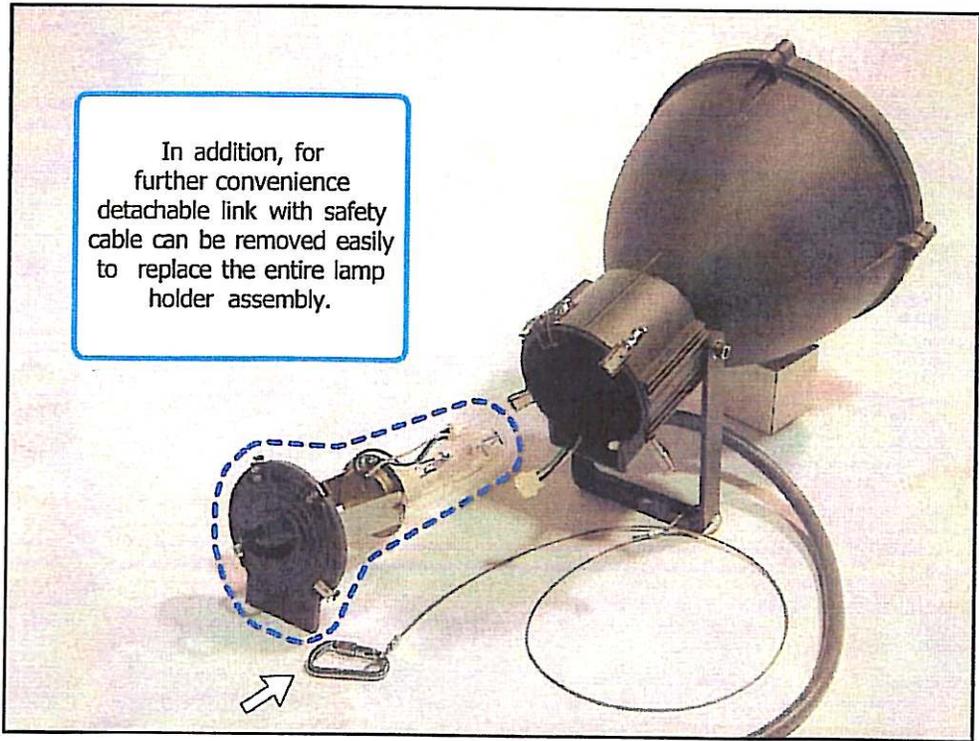


Further pulling out the rear cover assy makes the lamp reachable for replacement.



For further safety and serviceability convenience, electrical inline connector is provided. It must be disconnected before lamp replacement.





SAS E2 Location



E2 North Column - Grounding Cable Location

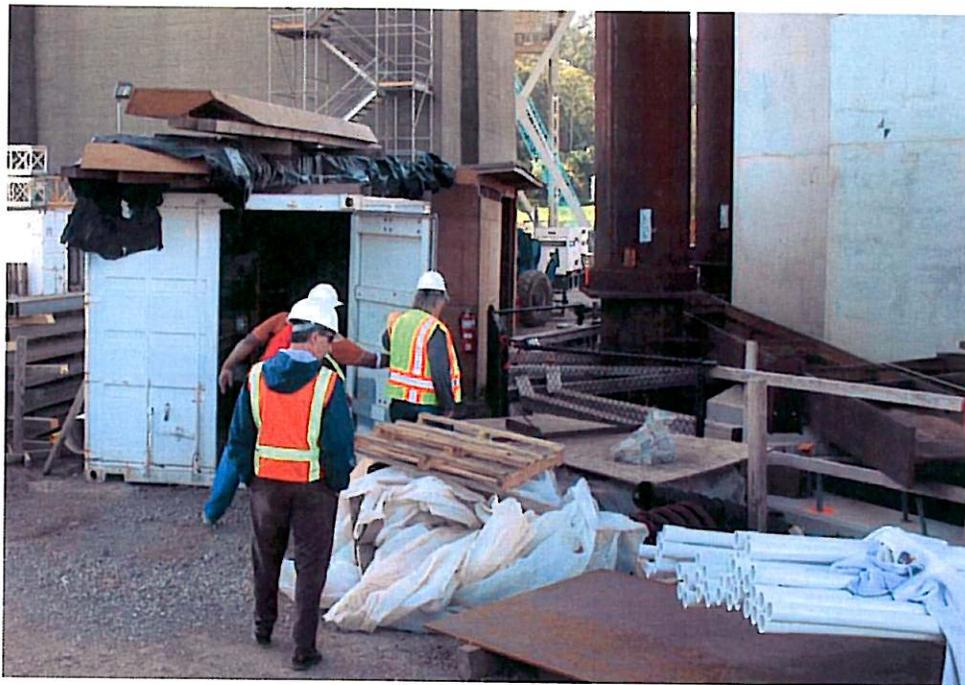


E2 South Column - Grounding Cable Location

SAS W2 Location

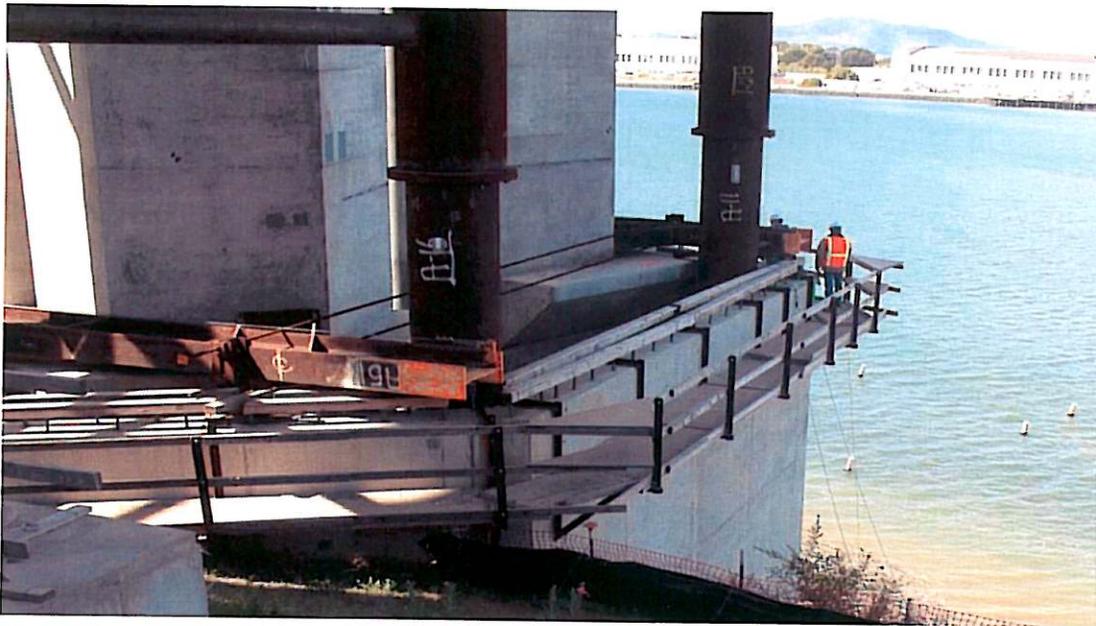


W2 South Column - Grounding Cable Location Under Work Area?

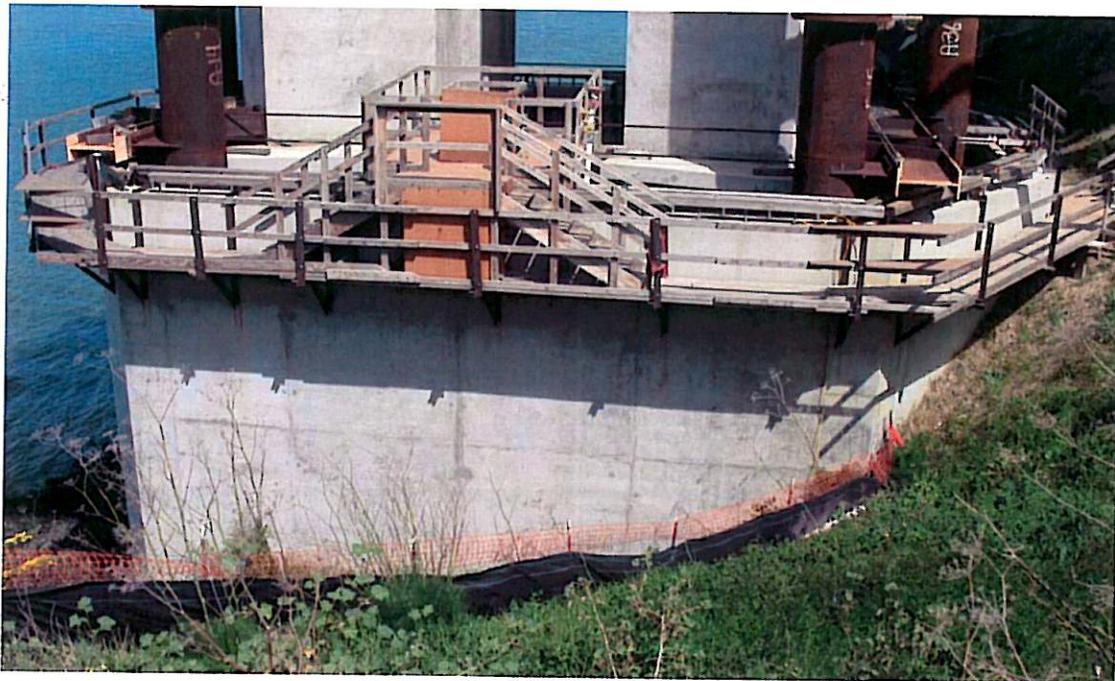


W2 South Column - Grounding Cable Location Under Container?

SAS W2 Location



W2 North Column East Side - Grounding Cable Location in Slope?

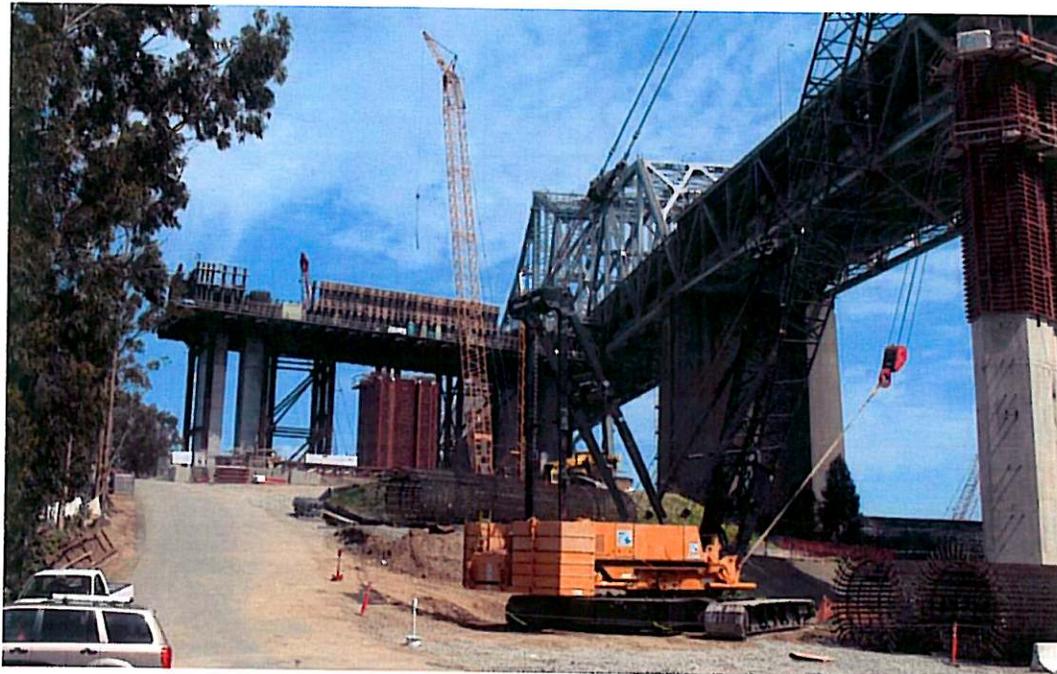


W2 North Column West Side - Grounding Cable Location in Slope?

General Photos



W2 - Field Trip Group



W2 Construction Site