

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION  
**RESIDENT ENGINEER'S DAILY REPORT**  
**ASST. RESIDENT ENGINEER'S DAILY REPORT**  
 DC-CEM-4501-CUSTOM

 <b>THE SAN FRANCISCO-OAKLAND        BAY BRIDGE</b> SEISMIC SAFETY PROJECT <small>CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION</small>
<b>04-0120F4</b> <b>04-SF-80-13.2/13.9</b> <b>SAS</b>

RESIDENT ENGINEER'S DAILY REPORT – FILE CAT. 45

ASST. RESIDENT ENGINEER'S DAILY REPORT – FILE CAT. 46

REPORT NO.: <b>192</b>	DATE: <b>6/23/07</b> <input checked="" type="checkbox"/> (Circle Day)
SHIFT HOUR: START; <b>06:30</b> STOP; <b>16:30</b>	TEMPERATURE: MIN; <b>NA</b> MAX; <b>NA</b>
WEATHER: <b>(NA – See Weekly Statement of Working Days)</b>	

General note:

- This Report is dedicated to the Water Meter Installation for the supply line to Pier 7 CALTRANS Area. (SAS CCO #18)
- This work has started yesterday Friday 6/22/07 (for additional information please see Friday Report).
- The Sub-contractor MJB-Piping has same crew with equipment today as yesterday (for additional information please see Friday Report).
- The work performed conform to the specifications on materials provided by the 'Port' for the project (see attached copy). No other information was received from the concerned parties.

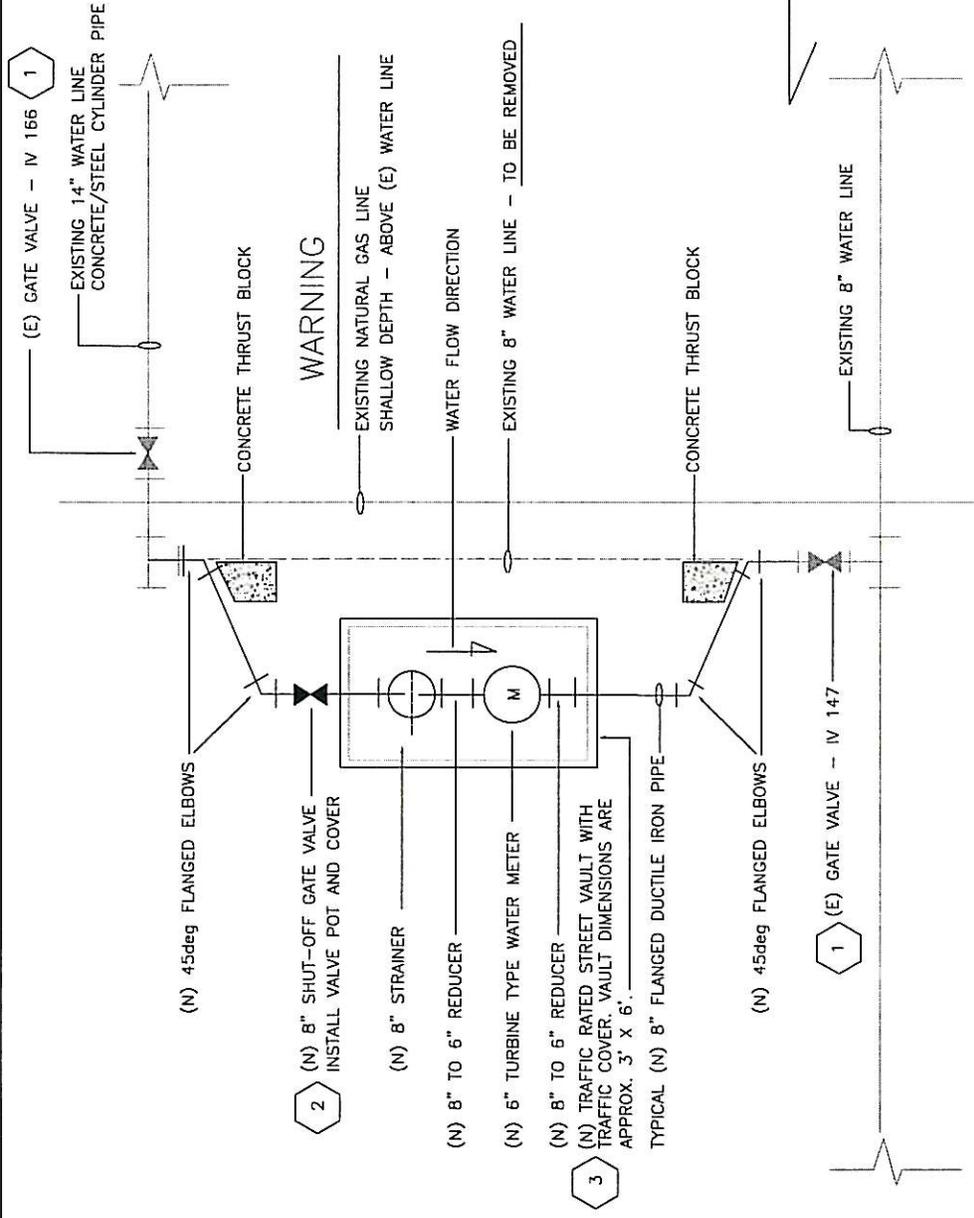
Saturday 6/23/2007      Shift hour: 6: 30am to 4:30 pm. (10hours)

- 7:00 a.m.: MJB Piping arrived at job site with his full crew and equipment.
- MJB Piping started with traffic control, removing protection fence from the excavated area and clearing it.
- 7:30 a.m.: MJB Piping started draining the water line. A water pump was continuously used to drain the water into the water buffalo.
- Same time crew worked on preparing the Pre-cast vault by cutting the side openings to level. Steel piping is being cut to size, cleaned and prepared for installation. Excavated soil is being hauled away.
- 9:00 a.m.: The 8" water line was cleared and drained completely. An approximate 10' piece of pipe was saw cut and taken out in order to install the meter in between. The pit was further excavated after removing the cut pipe in order to fit the vault in place. Another 5' excavation was needed to extend the pit to the North side in order to fit the pipe elbows and connections.
- 11:00 a.m.: Pre-cast concrete vault was set in place in the pit, on top of leveled crushed stone base. Pipe fitters started new piping installation. MJB Piping continued adjusting and connecting piping all afternoon.
- 2:00 p.m.: Met with Port Utility Foreman Mr. Mike Ringbom, who was on-site. Mike is satisfied with the project and installation work. Learned from Mike that the Port Utility has repaired a water leak in the water line located under the dock same time today, profiting from the water shut-off. I confirmed with Mike that water will be turned on today in approximately 2 hours (as estimated to finish pipe connections)
- 3:30 p.m.: The water meter piping was completed and MJB Piping started some back-filling to secure the pit walls.
- 4:00p.m.: Water was turned on and everything checked okay; there are no leaks.
- 4:30p.m.: MJB Piping left the job site after securing and fencing around the pit.
- Sent e-mail to Darryl Schram and Karen Wang informing them of the work progress. The work progressed smoothly and had no problem with the "Alarm" system or the like.

Remaining Work:

MJB Piping will come back on Monday to finish the installation work, finish street repair and final cleaning.

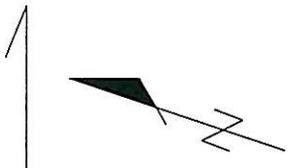
SIGNATURE 	TITLE <b>(George B. Ringbom) Office Engineer, SAS</b>
--	--



**GENERAL NOTES:**

- LOCATION OF PROJECT - WEST OF CALTRANS GATE KIOSK IN THE MIDDLE OF THE LEFT HAND SIDE OF THE ROADWAY.
- NOTIFY USA ALERT BEFORE EXCAVATING THE SITE. FIELD VERIFY THE DEPTH AND LOCATION OF GAS AND WATER LINE PRIOR TO MAIN EXCAVATION.
- STREET VAULT IS APPROX. 4' TO 5' IN DEPTH. TOP OF VAULT COVER FLUSH WITH PAVEMENT. VAULT SHALL BE SUITABLE FOR HEAVY TRUCK TRAFFIC.
- 45 DEGREE ELBOWS ARE USED TO LOCATE THE VAULT AWAY FROM THE (E) GAS LINE AND TO RAISE THE WATER LINE UP TO A DEPTH ABOVE THE WATER TABLE.
- PORT WILL PROVIDE ALL SPECIFICATIONS ON MATERIALS FOR THE PROJECT. ALSO, COMPACTING TO 97% AND PAVE TO MATCH EXISTING THICKNESS OF PAVEMENT. CONTROLLED DENSITY FILL (CDF) MAY BE USED IN LIEU OF COMPACTED NATIVE FILLS.
- ALL PIPE FITTINGS ARE FLANGED TYPE. SANITIZE ALL FITTINGS AND PIPES AS PER AWWA SPECIFICATIONS.
- GATE VALVES ARE AT APPROX. LOCATIONS. VERIFY VALVES OPERATE CORRECTLY AND ARE ABLE TO SHUT OFF WATER FLOW COMPLETELY. VALVES MAY REQUIRE RELOCATION IF THE SPACE FOR METER VAULT IS INADEQUATE.
- NEW GATE VALVE MAY BE REQUIRED IF EXISTING VALVES WILL NOT OPERATE AND HOLD OR ARE IN A LOCATION THAT IS REQUIRED FOR THE NEW VAULT INSTALLATION.
- NEW VAULT SHALL HAVE A STREET COVER SUITABLE FOR HEAVY TRUCK TRAFFIC AND A COVER OPENING TO READ THE WATER METER.

- 1
- 2
- 3



BURMA ROAD  
RUNS WEST TO EAST

**NEW WATER METER INSTALLATION ON BURMA ROAD**

NO SCALE

OUTSIDE THE PUM W/BE REDUCED

SUPPLY WATER LINE METERING TO PIER 7 CALTRANS AREA

APPROVED  
RECOMMENDED

**PORT OF OAKLAND**  
530 WATER ST. OAKLAND, CALIFORNIA

DESIGNED	DATE
CHECKED	DATE
REVIEWED	DATE

REVISIONS	DATE	BY

REVISIONS	DATE	BY