

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>CALIFORNIA 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>191</b>	DATE: <b>6/22/07</b> <input type="checkbox"/> (Circle Day)
SHIFT HOUR: START; <b>07:00</b> STOP; <b>15:30</b>	TEMPERATURE: MIN; <b>NA</b> MAX; <b>NA</b>
WEATHER: <b>(NA – See Weekly Statement of Working Days)</b>	

General notes:

- This Report is dedicated to the Water Meter Installation for the supply line to Pier 7 CALTRANS Area. (SAS CCO #18)
- We discovered that the work will start Friday 6/22 morning time, water will be shut-off at 7:00 pm. Installation work will resume Saturday morning, piping connections will be completed same day Saturday and water will be turn on late Saturday. The remaining work of street repair will be completed on Monday (see details below).
- We lately discovered that the sub-contractor has an agreed price for the work with ABF. It would be beneficial to everyone to have this agreement sent to us, especially because we are going to pay for it under SAS CCO No.18.
- Location of project: On Burma Road West of CALTRANS Gate Kiosk at the left hand side of the roadway.

Friday 6/22/2007 Shift hour: 7: 00am to 3:30 pm. (8hours)

- 7:30 a.m.: The subcontractor MJB Piping arrived at job site with all piping materials and a full crew with equipment consisting of:
  - 1 Foreman (Jesse Campos, Tel (510) 760-7454)
  - 3 Workers and 1 Flagger
  - 2 pipe fitters
  - 2 Operators
  - 2 utility Trucks
  - 1 CAT (trench cutter)
  - 1 CASE 5-15 blade
  - 1 Dump truck with driver
  - 1 Compressor & Jack-hammer
  - 1 CAT – CB 214E steel roller
  - 1 CAT 950F (Excavator)
  - 1 Water pump and 1 water wagon
  - 1 Baker-Tank
  - 1 Circular saw cutting machine

Materials provided: Port provided all specifications on materials for the project (see attached copy)

  - 1 Traffic rated street vault with traffic cover.
  - 4ea. 45 degree 8” steel flanged elbows
  - 2ea. 8” to 6” pipe reducers
  - 1ea. 6” Turbine Type water meter with 8” to 6” reducer and 8” strainer
  - 1ea 8” X 6’ steel pipe with all necessary pipe seals and fittings
  - Concrete mix with crushed stones and necessary tools
- 8:00 a.m.: MJB Piping started with traffic control, putting construction signs and cones, moving k-rails from adjacent concrete plant. MJB Piping had one flagger directing traffic.
- 8:30 a.m.: MJB Piping completed set-up for the designated area and started excavation for uncovering existing 8 inch water pipe.

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

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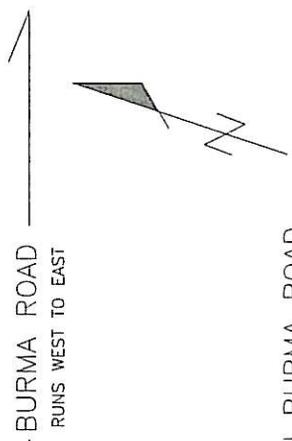
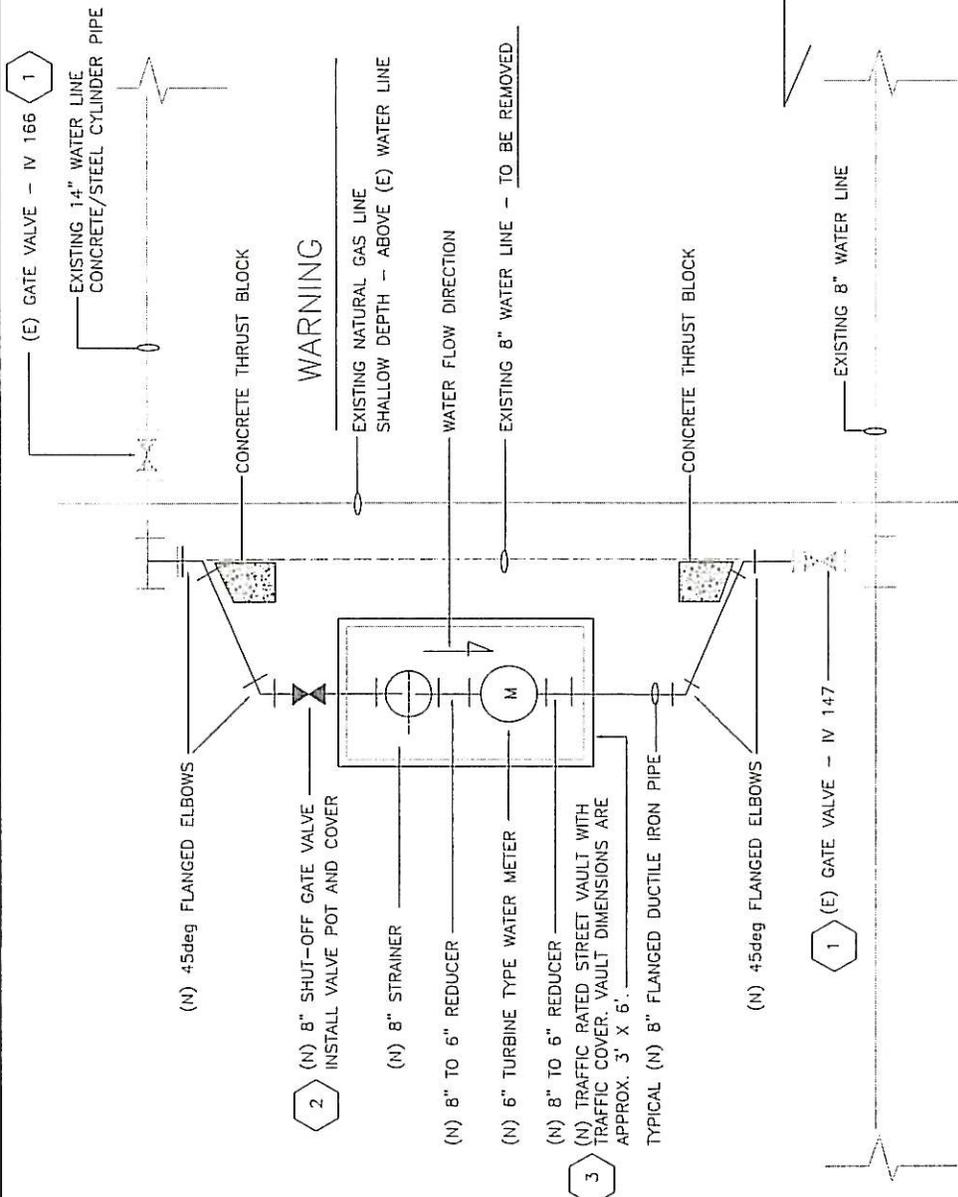
WEATHER: **(NA – See Weekly Statement of Working Days)**

- 12:15 p.m.: MJB Piping uncovered the pipe at approximately 5 feet depth. MJB Piping then started hand digging around the water pipe to clear it. The excavated pit was approximately 15'x8'x6' deep. Excavation was secured and walls supported. Steel plates used on the sides for shoring.
- 2:00 p.m.: MJB Piping started protecting the excavated pit with fence installed all around, construction signs, cones and yellow tape. MJB Piping will come back tomorrow (Saturday morning) in order to continue preparation and installing the water meter.
- 3:00 p.m.: MJB Piping left construction site. MJB Piping placed temporary four truckloads of excavated soil at the side of the road covered with plastic sheeting (in front of the warehouse).
- I confirmed with Port Utility Foreman Mr. Mike Ringbom, who was on site, that water will be shut-off this evening at 7:00p.m.
- Two port-a-potties were delivered and placed at the Skyway trailer today.
- Sent e-mail to Karen Wang and Darryl Schram informing them of the water meter installation prep-work being done today.
- Called Chris Master to remind him of shutting off the Skyway alarm as he suggested.

SIGNATURE  <b>(George Boughosn)</b>	TITLE <b>Office Engineer, SAS</b> 
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**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.
- 1 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.
- 2 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.
- 3 NEW VAULT SHALL HAVE A STREET COVER SUITABLE FOR HEAVY TRUCK TRAFFIC AND A COVER OPENING TO READ THE WATER METER.



**NEW WATER METER INSTALLATION ON BURMA ROAD**

NO SCALE

DATE: THE PLAN MAY BE REDUCED 1" = 10' GRAPHIC SCALE

<b>PORT OF OAKLAND</b> 530 WATER ST. OAKLAND, CALIFORNIA		APPROVED RECOMMENDED	SUPPLY WATER LINE METERING TO PIER 7 CALTRANS AREA
DRAWN DESIGNED CHECKED REVIEWED	FIELD SUPERVISOR INSPECTION SUPERVISOR PROJECT MANAGER SUPERVISOR	ALL WORKSHEET NO. ALL WORKSHEET NO. ALL WORKSHEET NO.	APPROVED RECOMMENDED