



### SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:47 AM

## Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 295 Const Calendar Day: 601 Date: 02-May-2011 Monday  
 Inspector Name: Bruce, Matt Title: Transportation Engineer  
 Inspection Type: Continuous  
 Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00  
 Federal ID:  
 Location:  
 Reviewer: Mathur, Lalit Approved Date: Status: Submit

04-0120F4  
 04-SF-80-13.2/13.9  
 Self-Anchored  
 Suspension Bridge

### Weather

Temperature 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60  
 Precipitation 0.00" Condition Sunny with moderate to high winds

Working Day  If no, explain:

### Diary:

Dispute

#### Work description.

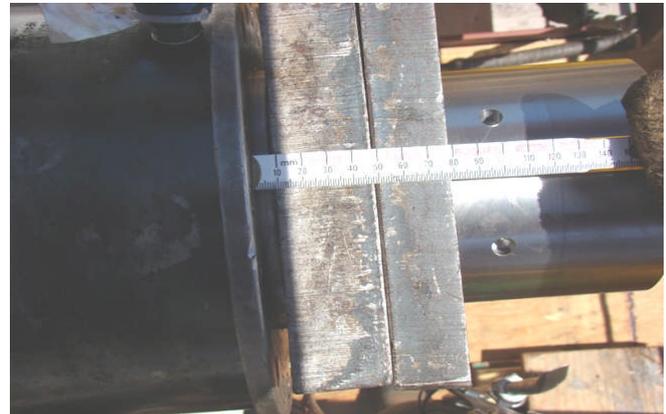
- See Chris Havel, Alex Schmitt and Abbas Iranmanesh's diaries for more details regarding ABF and Macalloy's equipment, labor, and operations for the mobilization of equipment and stressing (25% of Pjack) of the South W2W Hinge K pipe beam assembly.
- Assisted, monitored field operations and helped resolve any pertinent issues related to stressing the Macalloy rods with Chris Havel and Alex Schmitt.



### Attachment



The Macalloy rods were stressed to 5,000psi at 25% Pjack.



Gap between the ram and the bearing plates/live end stressing nut which was measured at 9mm.



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The final setup of the configured hardware for stressing the Macalloy rods.



Removing the hardware used to stress the very first Macalloy rod to 25% Pjack.



ABF ironworker installing the coupler which is the first step in the sequence of installing the necessary hardware for stressing the Macalloy rods.



The final steps are to install the stressing jack, bearing plates, live end stressing nut and the hydraulic hoses of the jack.



The third step is place the stool over the previous components which has two slots in at the ends of the steel pipe.



ABF ironworkers continuing to work on the W2W Hinge K working platforms for stressing the Macalloy rods.

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In the process of stressing a Macalloy rod at the W2W Hinge K assembly to 25% Pjack.



Rust seen on the North W2E Hinge K Macalloy rods and nuts. ABF has been notified to remove the rust many times prior to stressing.



The second step in preparing for stressing is installing the dummy rod for connection to the jack ram, bearing plates, and live end stressing nut.



Stressing the very first Macalloy rod at the South W2W Hinge K to 25% Pjack under the supervision of ABF engineer Zach Lauria.



Elongation of the same Macalloy rod of 7mm measured from the bearing plate to the end of the live end nut.



Components such as the jack, rod coupler, bearing plates, nut, and stool are used to stress the Macalloy rods.