



**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 8:40 PM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 009 Const Calendar Day: 364 Date: 03-Jun-2013 Monday

Inspector Name: Gagnier, Pamela Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 07:30 PM Break: Over Time:

Federal ID:

Location:

Reviewer: Jefferson, Paul Approved Date: 11-Apr-14 Status: Approved

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

**Weather**

<b>Temperature</b>	<b>7 AM</b>	<b>12 PM</b>	<b>4PM</b>
<b>Precipitation</b>			<b>Condition</b>

Working Day  If no, explain:

**Diary:**

Dispute

**E2 Shear Key Modifications**



CCO 325 - Conco - Don McDowell (Carpenter FM - 8 hours), Ralph Gomez, Ricky Valenzuela, Robert Garcia, Pedro Estrada all Carpenters. Pat Finley (Labor FM), Ralph Onate, Andrew Reitz, Juan Paredes, Humberto Duran, Manuel Casas, Ramiro Duran, Juan Zermeno all Laborers and Everyone worked 8 regular hours plus 2 hours OT unless otherwise noted.

Today they finished drilling holes for the #19 dowels on E2W East face are not drilling for #25 dowels at this time. They also started drilling holes for #19 dowels on E2E East face. The top row starts at 235mm down from top of concrete, 150mm next row (2nd row), 150mm 3rd row, then starts 300mm spacing. See photo below.

They are also started chipping/bushing keyways and vertical surface at E2W West face.

Carpenters are also removing scaffold and raising lowering suspended platforms. They also have a small crew building forms for a mock up at pier 7 in ABF yard.

Penhal - CCO 326 - Not on site today.  
ECO Bay - CCO 326 - Not on site today.

CCO 319 - IPMC foreman Terry Rouse on site today for 3 regular hours to meet with ABF and discuss upcoming work machining the shear key base.

CCO 314 - ABF has 8 workers cutting and grinding shear key anchor bolts - 4 workers at E2E plus 4 workers at E2W. See photos below. Most likely will finish both shear keys today. 10 hour shift.

CCO 327 - ABF

ABF - Engineers are laying out key ways on E2E West face.

Inspectors Remarks:

Witness Centrals Trial Batch today for mix designs P8ACC2V3 and P8ACC2VS.

1st Mix - P8ACC2V3

Central increased Glenium after batching approximately 44 oz to achieve required spread after 1st attempt failed.

Spread = 28"

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Monday

Mix was wet with cementitious product collecting above aggregate, aggregate was spread uniformly, no halo  
Temp Conc = 71 degrees F  
Temp Ambient = 59 degrees F  
% Air = 5%  
Volume of Unit Weight Bucket = 0.244 CF  
Weight of Concrete in Bucket = 36.105 lbs  
Unit Weight of Concrete = 147.58 lbs/CF

2nd Mix - P8ACC2VS

Central increased Glenium after batching approximately 28 oz to achieve required spread after 1st attempt failed.

Spread = 25.5"

Mix was uniform, not segregated, no halo

Temp Conc = 73 degrees F

Temp Ambient = 64 degrees F

% Air = 4.75%

Volume of Unit Weight Bucket = 0.244 CF

Weight of Concrete in Bucket = 36.97 lbs

Unit Weight of Concrete = 151.52 lbs/CF

This mix includes silica fume which will always be added by hand - 25 lbs per yard

See photos below.

Worked 4 hours overtime to cover field activities.

### Attachment



E2W Shear Key Finished Anchor Bolt Depression



E2E East - Drilling Holes for #19 Dowels



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**Monday**

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E2W Grinding Shear Key Anchor Bolts



P8ACC2VS Concrete Mix Spread