



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:50 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 408 Const Calendar Day: 133 Date: 15-Oct-2012 Monday
Inspector Name: Wright, Doug Title: Transportation Engineer
Inspection Type: Intermittent
Shift Hours: 06:45 AM 08:45 PM Break: 00:30 Over Time: 04:00
Federal ID:
Location:
Reviewer: Schmitt, Alex Approved Date: Status: Submit

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

Weather

Temperature 7 AM 12 PM 4PM
Precipitation Condition

Working Day [checked] If no, explain:

Diary:

Dispute

Cable Wrapping



- Overview of Cable work today:
The following work was ongoing today on the Cable:
- Installation of stanchion posts & hand ropes
- Tensioning of suspender anchor rods
- Removal of the phase-1 jacking brackets
- Painting of the suspender ropes at PPs 104 through 110

Today I was inspecting Mike Draper's crew on suspender anchor rod tensioning in the morning & inspecting the Cable wrapping demonstration in the afternoon. See the diaries of L. Woo, S. Daouk, A. Iranmanesh, & F. Carpio for additional details of Cable field work.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:15.
- From 07:30 until 07:40, Mike's crew tensioned the suspender anchor rods at PP40S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 21,700 psi (type 2 rods). They cycled up 3 times to 21,700 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.
- From 07:40 until 08:10, Mike's crew mobilized the jacking equipment to PP38S.
- From 08:10 until 08:30, Mike's crew tensioned the suspender anchor rods at PP38S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 21,700 psi (type 2 rods). They cycled up 3 times to 21,700 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.
- From 08:30 until 09:05, Mike's crew mobilized the jacking equipment to PP34S.
- From 09:05 until 09:20, Mike's crew tensioned the suspender anchor rods at PP34S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 16,400 psi (type 1 rods). They cycled up 3 times to 16,400 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.
- From 09:20 until 09:50, Mike's crew mobilized the jacking equipment to PP30S.
- From 09:50 until 10:00, Mike's crew tensioned the suspender anchor rods at PP30S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 16,400 psi (type 1 rods). They cycled up 3 times to 16,400 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.
- From 10:10 until 11:00, Mike's crew mobilized the jacking equipment to PP26S.
- From 11:00 until 11:10, Mike's crew tensioned the suspender anchor rods at PP26S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 16,400 psi (type 1 rods). They cycled up 3 times to 16,400 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 408

Date: 15-Oct-2012

Monday

- From 11:10 until 11:35, Mike's crew mobilized the jacking equipment to PP22S.
- From 11:35 until 11:45, Mike's crew tensioned the suspender anchor rods at PP22S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 16,400 psi (type 1 rods). They cycled up 3 times to 16,400 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.
- From 11:45 until 12:50, Mike's crew mobilized the jacking equipment to PP18S.
- From 12:00 until 12:30, I ate lunch.
- From 12:50 until 13:05, Mike's crew tensioned the suspender anchor rods at PP18S. They used the bolt-tight jacking equipment, & brought the jacking pressure up to 16,400 psi (type 1 rods). They cycled up 3 times to 16,400 psi. After the rods were tensioned, they installed the jam nuts & tightened them with a knocker wrench.
- After the tensioning at PP18S, Francisco Carpio took over the inspection of the suspender anchor rods as I was supposed to go check on the Cable wrapping in the warehouse. See the diary of Francisco for details of the anchor rod tensioning after this time.
- At 13:30, I left the bridge.
- From 14:00 until 15:45, I went to the warehouse with Laraine Woo to witness the Cable wrapping demonstration. The iron-workers were practicing using the wrapping machine to get ready for actual Cable wrapping, which will start soon.
- From 15:45 until 16:30, I continued the review of Submittal 2738 - Erection Plan (Cable) – Main Cable Wrapping.
- From 16:30 until 17:15, I started to create an inspection checklist for the Cable wrapping operation, & started to write my diary for the day.
- From 17:15 until 17:45, I met with Roman Granados to briefly discuss items for the Cable wrapping inspection checklist.
- From 17:45 until 18:30, I continued to compile an inspection checklist for Cable wrapping.
- From 18:30 until 20:00, I met with Brian Boal & Roman Granados to discuss the list of submittal review comments on ABF-SUB-2738 - Cable wrapping plan. A comment resolution meeting is planned for tomorrow.
- From 20:00 until 20:30, I finished compiling a draft of the Cable wrapping inspection checklist, & emailed it to Roman Granados, Warren Collins, & Laraine Woo.
- From 20:30 until 20:45, I finished writing my diary for the day & checked email.
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04-0120F4 Bid Item: 067 C-PWS-WCS.067 Wrap Cable System

AMERICAN BRIDGE/FLUOR, A JV

