STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT

LAN Engineering Consultant

REPORT NO. 653 {7-day} { + 210 Project Work Day}

DATE September 26, 2008

M T W T F S S (DAY)

NORMAL WORK HOUR: START: 6:00AM STOP: 3:30PM

WEATHER: CLEAR / SUNNY

LOCATION :

Construction Field Office : 333 Burma Road, Oakland 94607

Working Drawing Campus Office : 375 Burma Road, Oakland 94607

04-SF-80-13.2/13.9
Contract No. 04-0120F4
{SAS Superstructure}

Caltrans Supervisor:
Gary Lai GL 9-29-08
Senior Bridge Engineer

Office Work:

- **CCO Meeting (Caltrans – Design).**
  - Went over status of all ongoing CCO's in Design.
  - See attachment for minutes to the meeting today.
- **CCO # 75 Review Ongoing.**
  - Performing a complete review and comment package for the PB design group. Working with Sandy Michelotti on the package.
  - Review package with comments due October 1, 2008 back to Designer Group.
- **CCO # 59/68 OBG/Tower Additional penetrations.**
  - Working on the update to the OBG Master Charts and CCO 59 Charts. Adding the lift 13 bottom plate penetrations.

Any questions or comments you can reach me at (916) 919-7158. My E-Mail address is Mike.Travis@LANEngineering.com or Michael_Travis@dot.ca.gov

END OF REPORT

Work hours 0545-1300 – 6 hours regular

Attachments:

1. CCO Status Meeting Minutes.

SIGNATURE

Name: Michael F. Travis

TITLE: Electrical Engineer – LAN Engineering

REC'D '08 OCT-01 #006783

SFOBB SELF ANCHORED SUSPENSION BRIDGE
CALTRANS PROJECT NO. 04-0120F4
ABFJV PROJECT NO. 660110

MEP CCO WEEKLY STATUS MEETING NO. 054

September 19, 2008 - 9:00 a.m.

Attendees:

	George Bou-Ghosn (CT)	X	Andrew Baumberger (TYLin)	X	Sandra Michelotti (CT)		Tom Ho (TYLin)
X	Bill Shedd (CT)	X	Scott Fabel (CT)	X	April Smith (CT) - Author	X	Rachel Liu (CT)
X	Grady Hart (CT)		James Duxbury (TYLin)	X	Martin Chandrawinata (CT)	X	Sharad (Sam) Patel (CT)
X	Michael Travis (CT)		Saeed Shahmirzai (PB)	X	Nick King (PB)		Trish Stoops (BATA)
	Mike Forner (CT)		Gary Pursell (CT)		Rob Feather (CT)		Alex Binai (BATA)

New Business:

Date	Issue		Action	Resolution
3/28	6	CT's TARGET ISSUE SEQUENCE		New sequence of CCOs in following order: 72, 43, 74, 55, 61, 75, 70 & 90. Unsequenced include: 73, 79 & 81.
9/5	17	RFIs 676R0 (PB) & 485R2, R3 (TYLin)	RFIs will need to be added to CCO 31. PB to provide modified Sheet 57S1.	PB to provide plan sheets by 9/26. Time line needed from TYLin.
9/12	18	CCO 44	Three (3) Sheets to be modified (eliminating nut keepers) - Investigating options.	Sheets to be modified by 9/24. Will issue CCO # 44 next week

CCO STATUS

CCO / CCR NO.	DESCRIPTION	MTG DATE	ACTIONS	PRIORITY	DUE DATE	BIC
43	**Lighting Revisions**					
	CCR 31 & RFI 159R0, R1, 464R0, 465R0, 466R0, 467R0, 1100R0, R1, Spec. Change	8/29/08	TYLin package submitted 8/28. PB draft due date is 10/1/08.	C	10/1/08	PB TYLin
		9/12/08	CT review of TYLin package due date is 9/16/08. PB draft due date is 10/1/08.		9/16/08	
		9/19/08	CT comments issued to TYLin 9/19/08.			
	CCR 31 - State Furnished East Span Light Poles.		Sam to Alex - George TY Lin - Caltrans Comments		10/10/08 PB	
55	**Service Platform Electrical Changes**					
	CCR 53 & RFIs 317R0, R1, R2, R3, 451R1, 474R0, 726R0, 1225R0 & SUBs 614, 608, Spec. Change	8/14/08	Draft due date is 10/1/08.	B	10/1/08	PB
		9/19/08	Draft due date is 10/17/08.		10/17/08	
	CCR 53 - TOS changes related to RFI 451 (Conduit routing)					
59	**Additional OBG Penetrations**					
	RFIs 834R0, R1	8/22/08	Update sent 8/11/08 in 05.03.01-002538. Next week will submitt updated charts - Mike	A		CT
		9/12/08	Mike to update shart by 10/1/08.		10/1/08	
		9/19/08	CT to send an update by 09/22/08. Martin and MEP Group working on OBG Cable Tray Support bolt hole charts		9/22/08	

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61	**Electrical Warning Systems**					
	CCRs 32, 46 & RFI 873R0 & SUB 171, Spec. Change	8/29/08	Draft due date is 10/15/08. Mike T. to meet with Rocky to discuss relocation of fog horn cabinet.	B	10/15/08	PB
	CCR 32 - USCG Requirements for Lighting. Changes in NAV Lights NV-1	9/12/08	Saeed to direct Rocky to contact Mike. Martin to email "Electrical Warning System" letter to Saeed.			
	CCR 46 - Additional Fog Detection System, Fog, Bell, Horn per USCG	9/19/08	Draft due date is 10/15/08.		10/15/08	
68	**Additional Tower Penetrations**					
	RFI 1029R0, R2, R3	8/22/08	Update sent 8/18/08 in 05.03.01-002563.	A		
			Martin Adding attachments to charts - Next week will coordinate			
70	**Tower Utility Panels**					
	CCR 42 & RFI 1134R0 & SUBs 174-176, Spec. Change	9/5/08	Draft due date is 10/1/08.	A	10/1/08	CT
	CCR 42 - Tower Utility Panel changes, including panels, transformers, circuit breakers	9/12/08	PB Draft submitted 9/12/08. Sandy to lead review. Sandy and Mike Reviewing - On schedule		9/12/08	
		9/19/08	CT Draft due date is 10/10/08.		10/10/08	
72	**Cable Electrical**					
	CCRs 45, 49, 66 & RFIs 270R0, 941R0, 942R0, 1189R0, 1244R0, Spec. Change	9/5/08	An issue was identified in CT informal review. PB to re-design brackets to allow for straps and additional CDMG criteria. Draft Due date is 10/15/08.	A	10/15/08	PB
	CCR 45 - FAA Aviation Lights CCR 49 - Main Cable Lighting		Received package from PB Yesterday - CT Review - Next week will determine final due date for review.			
73	**Bike Path Conduit**					
	RFI 969R0, R1, Spec. Change	9/5/08	Clive inspected flex mock-up. A rigid mock-ip field meeting is targeted for 9/12.	C	9/12/08	PB TYLin
	Unsightly conduit on Skyway & SAS	9/12/08	Field Meeting scheduled for 9/16/08.		9/16/08	
		9/19/08	PB & TYLin developing sheets based upon mock ups. Initial ATP for bike rail panel issued. Nick to provide approximate date for sketch.			
74	**Strong Motion System**					
	CCR 50	9/19/08	Draft due date is 11/7/08.	B	11/7/08	PB
75	**Electrical Grounding**					
	CCR 58, RFI 1462R0	9/5/08	Package is under CT review. Due date is 9/12/08.	C	9/12/08	CT
		9/12/08	Package is under CT review. Due date is 10/01/08. Sandy and Mike Reviewing - On schedule		10/1/08	
79	**Tower Base MEP**					
	CCR 43	9/5/08	PB Draft Due Date is 1/09/09	C	1/9/09	PB CT
	CCR 43 - Tower interior design issued at 3-9m, lighting illumination deficiency & grating for sump pump	9/19/08	Need concurrence memo. Mike - Concurrence Letter next week 10-03-08.			

CCO / CCR NO.	DESCRIPTION	MTG DATE	ACTIONS	PRIORITY	DUE DATE	BIC
81	**TOS Modification**					
	RFI 1133R0	9/5/08	Martin to help draft a concurrence memo. Almost Done	C		PB CT
	Relocation of TOS cameras at 144.165m to include new locations and new camera.	9/12/08	George and Martin working on concurrence memo. Saeed to email Sean Coughlin requesting recommendation.			
85	**Elevator Details**					
	RFIs 536, 734R1, R2, 1161R0 & SUB 235R0, Spec. Change	8/22/08	Steve Hulsebus scheduled a meeting for 9/11/08.	B	9/11/08	TYLin
	RFI 536 - Options of SP 10-4.05	9/12/08	Bill to email minutes of meeting and action items.			
	SUB 235R0 - Elevator Layouts, Electrical Schematics, and Hoist Calculations	9/19/08	TYLin & HKA researching Spec. to determine required variances. Will draft a letter to submit to CT. Tom Ho back next week - Andrew & Martin to follow-up and update Tome Monday			
90	**Architectural Enhancements @ Tower Elev. 53m**					
	RFIs 706R0, 707R0	8/22/08	Draft Due Date is 10/1/08. Change in priority - Bill Shedd	~~B~~ C	10/1/08	PB TYLin CT
	Option 2 entails leaving conduit "as-is." Fabrication will not be impacted, but a new design layout of conduit is required.	9/12/08	Need concurrence memo - Mike T. Mike - Concurrence Letter next week 10-03-08.			
		9/19/08	Bill to speak with Clive about possible architectural changes. Clive rejected Wireway design - Meeting planned to discuss alternates with all parties (Non-Fabrication priority)			
94	**Bridge Painting & Misc.**					
	RFIs 226R0, 447R1, 775R0, 1364R0, Spec. Change	8/14/08	Action plan has been developed and a cost estimate will be produced by 9/30. CT is working on draft Specs.	C	9/30/08	CT
	Railings, cable handrails, platforms & misc. visible items	9/5/08	Is Traveler Rail painted?			
		9/12/08	The Special Provisions states that the Traveler Rail is hot dipped galvanized.			
		9/19/08	Scott to provide an updated date for cost estimate.			
99	**Bike Path Details**					
	Clash Detection - 3D Modeling	9/5/08	Nick to send PB scope to Scott. Scott to coordinate with Brian Boal's group who already issued ATP. ABF will be asked to submit a RFI for pipe support MEP issues.	A		CT
		9/12/08	PB to develop sketches of mesh changes to package for issuance of an ATP. Rob to verify if we've submitted redlines to ABF.			
		9/19/08	PB produced sketch detailing conduit routing for emergency access ramp/gate for bike path on 9/17. Need a concurrence memo - Mike T. Mike - Concurrence Letter next week 10-03-08.			
	CCR STATUS					