



CAHSRA Program Monthly Progress Report

September 2010

Amended November 16, 2010

Program Management Team Progress Report

Highlights and Issues
PMT Financials
Cost Performance Report (PMT)
Earned Value Analysis
Progress and Accomplishments
Summary Schedule (PMT)

**CAHSRA Program Management Team September 2010
Progress Report**

Table 1: Billings by Task through September 2010

Program Management Team									
FY 2010 / 2011 Dollars Spent		Month (\$1,000)		Cumulative (\$1,000)				Total FY Budget	Remaining Budget
Task		Planned	Actual	Planned	Actual	Variance	% Over / -Under		
1	Program Management	\$293.9	\$324.3	\$845.4	\$800.0	-45	-5	\$ 3,772.9	2,972.95
2	Public Outreach & Comm	\$10.1	\$0.0	\$30.3	\$20.0	-10	-34	\$ 120.0	100.00
3	Engineering & Design Mgmt	\$1,278.5	\$1,183.0	\$3,427.0	\$3,132.1	-295	-9	\$ 18,007.4	14,875.22
	3.1 Team Management	\$79.6	\$79.7	\$238.9	\$228.7	-10	-4	\$ 944.7	715.93
	3.2 Infrastructure	\$143.1	\$348.8	\$409.6	\$673.3	264	64	\$ 1,785.8	1,112.51
	3.3 Systems	\$132.3	\$232.4	\$397.0	\$737.3	340	86	\$ 2,483.2	1,745.92
	3.4 Operations	\$0.0	\$0.0	\$0.0	\$0.0	0	0	\$ -	-
	3.5 Maintenance	\$73.7	\$48.2	\$90.6	\$110.6	20	22	\$ 744.0	633.36
	3.6 Rolling Stock	\$97.0	\$107.5	\$291.1	\$343.2	52	18	\$ 1,151.1	807.89
	3.7 Regulatory Approvals	\$60.5	\$64.8	\$181.6	\$204.1	23	12	\$ 718.0	513.90
	3.8 Standard Drawings	\$131.0	\$87.3	\$393.0	\$233.5	-159	-41	\$ 2,000.6	1,767.10
	3.9 Standard Specifications	\$81.6	\$44.0	\$244.9	\$61.4	-183	-75	\$ 1,433.8	1,372.36
	3.10 Cost Estimating	\$30.0	\$25.3	\$30.0	\$63.2	33	110	\$ 833.4	770.24
	3.11 Design Manual	\$144.4	\$17.7	\$433.2	\$31.1	-402	-93	\$ 1,685.8	1,654.71
	3.12 Design Submittal Reviews	\$176.2	\$66.6	\$528.5	\$321.4	-207	-39	\$ 2,090.1	1,768.74
	3.13 Risk Management	\$0.0	\$0.0	\$0.0	\$4.9	5	0	\$ 378.3	373.38
	3.14 Staging and Procurement Support	\$14.9	\$0.0	\$44.7	\$0.0	-45	-100	\$ 176.7	176.72
	3.15 Survey Control	\$99.1	\$33.7	\$99.1	\$40.1	-59	-60	\$ 1,300.0	1,259.89
	3.16 System integration	\$14.9	\$27.0	\$44.8	\$79.4	35	77	\$ 281.9	202.58
4	Environmental	\$218.2	\$274.6	\$593.1	\$592.4	-1	0	\$ 2,488.5	1,896.10
5	Regional Managers	\$710.1	\$849.3	\$2,130.2	\$1,986.9	-143	-7	\$ 8,423.9	6,436.98
	5A Palmdale to Los Angeles	\$113.9	\$93.4	\$341.8	\$210.2	-132	-39	\$ 1,351.8	1,141.61
	5B Los Angeles to Anaheim	\$104.6	\$154.0	\$313.9	\$437.0	123	39	\$ 1,241.3	804.32
	5C Los Angeles to San Diego	\$89.8	\$276.7	\$269.5	\$428.1	159	59	\$ 1,065.6	637.50
	5D Fresno to Palmdale	\$81.8	\$81.0	\$245.3	\$234.6	-11	-4	\$ 970.0	735.41
	5E Sacramento to Fresno	\$78.1	\$69.1	\$234.2	\$187.0	-47	-20	\$ 926.1	739.16
	5F Altamont Pass	\$54.7	\$26.8	\$164.2	\$72.8	-91	-56	\$ 649.2	576.40
	5G San Jose to Central Valley Wye	\$92.2	\$75.5	\$276.6	\$208.2	-68	-25	\$ 1,093.8	885.59
	5H San Francisco to San Jose	\$94.9	\$72.8	\$284.7	\$209.0	-76	-27	\$ 1,126.0	916.98
6	Right of Way Acquisition	\$0.0	\$0.0	\$0.0	\$0.0	0	0	\$ 491.7	491.67
7	RR Operations & Ridership	\$276.2	\$206.2	\$751.0	\$542.2	-209	-28	\$ 3,522.6	2,980.43
8	Construction & Procurement	\$73.1	\$88.5	\$202.1	\$213.6	11	6	\$ 789.7	576.17
	ODCs	\$69.0	\$5.3	\$191.7	\$28.1	-164	-85	\$ 920.8	892.72
	TOTAL	\$2,929	\$2,931.1	\$8,171	\$7,315.3	-856	-10	\$ 38,537.5	31,222.24

* Due to late input, the totals do not include all of the PMT Other Direct Costs and costs for Turner Engineering Corporation. These will be included in the October report.

**CAHSRA Program Management Team September 2010
Progress Report**

Table 2: Hours by Task - September 2010

Program Management Team								
FY 2010 / 2011 Hours		September		Cumulative				
Task	Planned	Actual	Planned	Actual	Variance	% Over/ -Under	Total FY Hours	Remaining Budget
1 Program Management	2,191	1,983	6,239	5,192	-1,047	-17%	27,171	21,979
2 Public Outreach & Communications	47	0	141	88	-53	-38%	557	469
3 Engineering & Design Management	7,048	8,942	18,806	22,129	3,323	18%	98,287	76,159
3.1 Team Management	457	450	1,371	1,426	55	4%	5,260	3,834
3.2 Infrastructure	762	2,589	2,188	4,811	2,623	120%	9,525	4,714
3.3 Systems	665	1,244	1,995	3,951	1,955	98%	12,890	8,940
3.4 Operations	0	0	0	0	0	0%	0	0
3.5 Maintenance	380	222	471	518	47	10%	3,840	3,322
3.6 Rolling Stock	512	579	1,537	1,769	232	15%	6,080	4,311
3.7 Regulatory Approvals	371	392	1,113	1,318	205	18%	4,400	3,082
3.8 Standard Drawings	747	684	2,242	1,863	-379	-17%	11,184	9,321
3.9 Standard Specifications	403	209	1,208	293	-916	-76%	7,225	6,932
3.10 Cost Estimating	172	142	172	365	193	112%	4,735	4,370
3.11 Design Manual	851	103	2,552	179	-2,373	-93%	9,185	9,007
3.12 Design Submittal Reviews	952	303	2,857	1,542	-1,316	-46%	11,230	9,688
3.13 Risk Management	0	0	0	46	46	0%	2,164	2,118
3.14 Staging and Procurement Support	78	0	233	0	-233	-100%	920	920
3.15 Survey Control	613	206	613	247	-366	-60%	8,051	7,804
3.16 System integration	84	136	253	397	144	57%	1,600	1,203
4 Environmental	1,198	1,685	3,264	3,406	142	4%	13,916	10,510
5 Regional Managers	3,920	3,994	11,759	9,620	-2,139	-18%	46,078	36,458
5A Palmdale to Los Angeles	614	453	1,843	975	-868	-47%	7,288	6,313
5B Los Angeles to Anaheim	479	724	1,438	1,948	510	35%	5,688	3,740
5C Los Angeles to San Diego	419	1,014	1,257	1,565	308	24%	4,550	2,985
5D Fresno to Palmdale	472	512	1,416	1,530	114	8%	5,600	4,070
5E Sacramento to Fresno	475	424	1,426	1,114	-312	-22%	5,640	4,526
5F Altamont Pass	351	135	1,053	367	-686	-65%	4,164	3,797
5G San Jose to Central Valley Wye	556	374	1,668	1,043	-625	-37%	6,598	5,555
5H San Francisco to San Jose	552	359	1,656	1,078	-578	-35%	6,550	5,472
6 Right of Way Acquisition	0	0	0	0	0	0%	5,226	5,226
7 RR Operations & Ridership	1,476	1,057	4,039	2,841	-1,198	-30%	18,921	16,081
8 Construction & Procurement	482	304	1,359	746	-613	-45%	5,005	4,259
TOTAL	16,362	16,279	45,606	40,615	-4,991	-11%	215,161	174,546

CAHSRA Program Management Team September 2010 Progress Report



California High Speed Rail Authority

Cost Performance Report
September 2010

Program Management Team

Planned Progress: 30.6%

Actual Progress: 29.5%



Figure 1

Dollar amounts in thousands

WBS	Task	Total Labor Budget* (BAC)	Planned (PV)	Actual Cost (AC)	Earned (EV)	Forecast (ETC)	Total Cost (EAC)	CPI	SPI
Jan-00	Program Management	\$23,328	\$7,000	\$6,689	\$7,000	\$16,328	\$23,016	1.05	1.00
Jan-00	Public Outreach & Comm	\$3,393	\$3,063	\$2,816	\$3,053	\$330	\$3,146	1.08	1.00
Jan-00	Engineering & Design Mgmt	\$72,950	\$26,370	\$28,109	\$24,901	\$46,685	\$72,774	0.95	0.94
Jan-00	Environmental	\$10,749	\$3,054	\$2,741	\$3,054	\$7,695	\$10,437	1.11	1.00
Jan-00	Regional Managers	\$45,673	\$11,380	\$10,858	\$11,370	\$34,294	\$45,152	1.05	1.00
Jan-00	Right of Way Acquisition	\$5,198	\$506	\$93	\$194	\$4,692	\$4,784	2.09	0.38
Jan-00	RR Operations & Ridership	\$13,726	\$4,354	\$3,351	\$4,354	\$9,372	\$12,722	1.30	1.00
Jan-00	Construction & Procurement	\$9,493	\$706	\$434	\$450	\$8,796	\$0	1.04	0.64
Total		\$184,510	\$56,433	\$53,091	\$54,376	\$128,171	\$172,032	1.02	0.98

* Total Labor Budget - is the planned cost of all work less Other Direct Costs (ODC's).

Current Cost Variance (CV) to Date (EV - AC): **\$1,285**
 Current Schedule Variance (SV) to Date (EV - PV): **(\$2,056)**

ON BUDGET	2.4%	Percent under (+) or over (-) budget
BEHIND SCHEDULE	-3.6%	Percent ahead (+) or behind (-) schedule

