

Value Engineering Study FHWA Summary Report (*DRAFT*)

California
Division/State

2006 (October 1, 2005 - September 30, 2006)
Federal Fiscal Year

	In-house	Consultant	Total
1. Number of VE studies			
1.1 Studies conducted this year:	20	20	20
1.2 Studies finalized this year:	32	32	32
2. Cost of VE Program			
2.1 Costs of studies conducted this year:	\$655,083	\$497,310	\$1,152,393
2.2 Costs of studies finalized this year:	\$979,765	\$939,728	\$1,919,493
3. Estimated project costs of studies finalized this year			
3.1 Total cost of projects finalized this year:	#####		\$4,125,968,000
4. Number of proposed VE recommendations			
4.1 Studies conducted this year:	117	117	117
4.2 Studies finalized this year:	286	286	286
5. Number of Approved VE recommendations			
5.1 Studies finalized this year:	124	124	124
6. Value of proposed VE recommendations			
6.1 Studies finalized this year:	\$512,519,000	\$512,519,000	\$512,519,000
7. Value of all approved VE recommendations			
7.1 Studies finalized this year:	\$328,708,000	\$328,708,000	\$328,708,000
8. VE related training costs			
8.1 VE related training costs		\$ 591,000.00	\$591,000
9. Number of people trained in VE during this year			
9.1 Number of State DOT Employees Trained	124	124	124
9.2 Number of FHWA Employees Trained		0	0
9.3 Number of Others Trained	1	1	1
9.4 Total number trained			125
10. Number of Construction VECs			
10.1 Submitted this year:		Not Available	Not Available
10.2 Approved this year:		9	9
11. Savings from approved Construction VECs			
11.1 Savings from VECs Approved this year:		\$955,474	\$955,474

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12. Studies of special merit

12.1 Study Name:

See Attached Work Sheets: Special Merit 1-4

12.2 Study Description, Comments

See Attached Work Sheets: Special Merit 1-4

Analysis of Results

Return On Investment	=	$\frac{\text{Value of Approved Recommendations}}{\text{Costs of Studies Finalized}}$	171
% of Project Costs Saved	=	$\frac{\text{Value of Approved Recommendation}}{\text{Project Costs of Studies Finalized}}$	8%
Recommendation Acceptance Rate	=	$\frac{\# \text{ of Approved Recommendations}}{\# \text{ of Proposed Recommendations}}$	43%
Average Cost Savings per Recommendation	=	$\frac{\text{Total Value of Recommendations Finalized this Year}}{\text{Total \# of Recommendations Finalized this Year}}$	\$2,650,871
VECP Acceptance Rate	=	$\frac{\# \text{ of Approved VECP}}{\# \text{ of Submitted VECP}}$	#VALUE!