

# Value Engineering Study FHWA Summary Report (*DRAFT*)

California
Division/State

2008 (October 1, 2007 - September 30, 2008)
Federal Fiscal Year

	In-house	Consultant	Total
<b>1. Number of VE studies</b>			
1.1 Studies <b>conducted</b> this year:	0	32	32
1.2 Studies <b>finalized</b> this year:	0	39	39
<b>2. Cost of VE Program</b>			
2.1 Costs of studies <b>conducted</b> this year:	\$0	\$1,675,554	\$1,675,554
2.2 Costs of studies <b>finalized</b> this year:	\$0	\$1,955,758	\$1,955,758
<b>3. Estimated project costs of studies finalized this year</b>			
3.1 Total cost of projects finalized this year:	\$0	\$4,381,081,309	\$4,381,081,309
<b>4. Number of proposed VE recommendations</b>			
4.1 Studies <b>conducted</b> this year:	0	139	139
4.2 Studies <b>finalized</b> this year:	0	182	182
<b>5. Number of Approved VE recommendations</b>			
5.1 Studies <b>finalized</b> this year:	0	119	119
<b>6. Value of proposed VE recommendations</b>			
6.1 Studies <b>finalized</b> this year:	\$0	\$545,001,060	\$545,001,060
<b>7. Value of all approved VE recommendations</b>			
7.1 Studies <b>finalized</b> this year:	\$0	\$263,096,500	\$263,096,500
<b>8. VE related training costs</b>			
8.1 <b>VE related training costs</b>		\$ 104,287.00	\$104,287
<b>9. Number of people trained in VE during this year</b>			
9.1 Number of <b>State DOT Employees</b> Trained		67	67
9.2 Number of <b>FHWA Employees</b> Trained		0	0
9.3 Number of <b>Others</b> Trained		0	0
9.4 Total number trained			67
<b>10. Number of Construction VECPs</b>			
10.1 <b>Submitted</b> this year:		Not Available	Not Available
10.2 <b>Approved</b> this year:		19	19
<b>11. Savings from approved Construction VECPs</b>			
11.1 Savings from VECPs <b>Approved</b> this year:		\$5,358,181	\$5,358,181

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**12. Studies of special merit**

12.1 Study Name:

12.2 Study Description, Comments

See Attached Work Sheets:

## Analysis of Results

<b>Return On Investment</b>	=	$\frac{\text{Value of Approved Recommendations}}{\text{Costs of Studies Finalized}}$	135
<b>% of Project Costs Saved</b>	=	$\frac{\text{Value of Approved Recommendation}}{\text{Project Costs of Studies Finalized}}$	6%
<b>Recommendation Acceptance Rate</b>	=	$\frac{\# \text{ of Approved Recommendations}}{\# \text{ of Proposed Recommendations}}$	65%
<b>Average Cost Savings per Recommendation</b>	=	$\frac{\text{Total Value of Recommendations Finalized this Year}}{\text{Total \# of Recommendations Finalized this Year}}$	\$2,210,895
<b>VECP Acceptance Rate</b>	=	$\frac{\# \text{ of Approved VECP}}{\# \text{ of Submitted VECP}}$	#VALUE!