

**Federal Highway Administration  
FY 2012 Value Engineering Accomplishment Report**

**Legend:**

Return On Investment = Value of Approved Recommendations/Total Cost of VE Studies

% of Costs Saved = Value of Approved Recommendations/Estimated Costs of Projects Studied

Total Savings Achieved = Value of Approved Recommendations + Value of Approved VE Change Proposals

VE Study Data				VE Recommendation Data									VE Change Proposal		Total
State	Number of VE Studies			Cost to Conduct VE Studies	Estimated Costs of Projects Studied	Number of Proposed VE Recommendations	Value of Proposed VE Recommendations	Number of Approved VE Recommendations	Value of Approved VE Recommendations	Recommendation Acceptance Rate	Return On Investment	% of Project Costs Saved	Number of Approved VE Change Proposals	Value of Approved VE Change Proposals	Total Savings Achieved
	In-House	Consultant	Total												
Alabama	0	6	6	\$94,760	\$226,125,647	20	\$20,148,120	6	\$8,385,416	30%	88	3.7%	0	\$0	\$8,385,416
Alaska	1	1	2	\$82,835	\$143,093,693	40	\$14,098,000	28	\$7,387,500	70%	89	5.2%	0	\$0	\$7,387,500
Arizona	0	4	4	\$131,000	\$134,000,000	40	\$16,400,000	13	\$5,100,000	33%	39	3.8%	5	\$346,000	\$5,446,000
Arkansas	5	0	5	\$29,496	\$195,000,000	21	\$16,182,900	4	\$2,637,000	19%	89	1.4%	0	\$0	\$2,637,000
California	0	34	34	\$1,446,000	\$1,843,281,000	201	\$88,121,000	90	\$64,309,000	45%	44	3.5%	0	\$0	\$64,309,000
Colorado	0	4	4	\$163,000	\$160,000,000	56	\$22,763,350	19	\$7,689,850	34%	47	4.8%	8	\$324,750	\$8,014,600
Connecticut	1	1	2	\$66,411	\$51,623,500	13	\$4,979,400	7	\$2,835,900	54%	43	5.5%	0	\$0	\$2,835,900
Delaware	2	0	2	\$4,000	\$86,000,000	12	\$15,200,000	12	\$15,200,000	100%	3,800	17.7%	0	\$0	\$15,200,000
District of Columbia	0	2	2	\$105,196	\$117,432,058	44	\$32,145,000	31	\$19,617,800	70%	186	16.7%	0	\$0	\$19,617,800
Florida	2	18	20	\$1,200,000	\$4,900,000,000	142	\$274,000,000	78	\$113,000,000	55%	94	2.3%	28	\$4,800,000	\$117,800,000
Georgia	0	15	15	\$492,499	\$1,670,287,815	155	\$727,428,397	66	\$264,409,623	43%	537	15.8%	4	\$346,178	\$264,755,801
Hawaii	4	0	4	\$12,000	\$25,000,000	3	\$8,800,000	2	\$2,000,000	67%	167	8.0%	0	\$0	\$2,000,000
Idaho	0	2	2	\$100,000	\$43,454,000	61	\$25,000,000	8	\$18,420,000	13%	184	42.4%	1	\$3,225	\$18,423,225
Illinois	2	14	16	\$802,500	\$651,560,000	138	\$71,882,000	30	\$10,185,000	22%	13	1.6%	7	\$4,295,608	\$14,480,608
Indiana	1	0	1	\$6,150	\$43,000,000	5	\$0	0	\$0	0%	0	0.0%	0	\$0	\$0
Iowa	4	0	4	\$45,000	\$322,000,000	30	\$64,300,000	6	\$7,826,000	20%	174	2.4%	25	\$2,407,849	\$10,233,849
Kansas	1	4	5	\$196,231	\$629,872,177	28	\$120,566,698	9	\$34,326,700	32%	175	5.4%	1	\$136,936	\$34,463,636
Kentucky	0	8	8	\$400,000	\$550,000,000	155	\$139,634,000	111	\$25,270,000	72%	63	4.6%	8	\$1,307,578	\$26,577,578
Louisiana	3	0	3	\$15,171	\$79,300,000	11	\$187,000	8	\$187,000	73%	12	0.2%	2	\$658,205	\$845,205
Maine	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	1	\$35,506	\$35,506
Maryland	0	2	2	\$213,000	\$54,512,000	42	\$40,135,000	17	\$3,885,000	40%	18	7.1%	0	\$0	\$3,885,000
Massachusetts	0	3	3	\$173,764	\$112,799,172	43	\$11,313,954	31	\$5,380,341	72%	31	4.8%	3	\$1,343,111	\$6,723,452
Michigan	1	4	5	\$300,000	\$300,000,000	32	\$76,000,000	14	\$2,945,000	44%	10	1.0%	6	\$181,345	\$3,126,345
Minnesota	0	8	8	\$344,014	\$242,935,476	60	\$42,327,140	40	\$28,752,000	67%	84	11.8%	5	\$515,532	\$29,267,532
Mississippi	0	5	5	\$299,404	\$490,000,000	40	\$66,838,572	10	\$10,428,000	25%	35	2.1%	4	\$40,310	\$10,468,310
Missouri	4	0	4	\$23,017	\$127,760,747	53	\$30,127,752	42	\$12,774,572	79%	555	10.0%	64	\$4,540,582	\$17,315,154
Montana	5	0	5	\$100,232	\$102,888,000	23	\$13,843,000	10	\$7,070,767	43%	71	6.9%	0	\$0	\$7,070,767
Nebraska	2	2	4	\$211,540	\$137,700,000	11	\$2,971,000	1	\$971,000	9%	5	0.7%	0	\$0	\$971,000
Nevada	2	2	4	\$27,000	\$1,700,000,000	9	\$18,000,000	7	\$16,000,000	78%	593	0.9%	2	\$300,000	\$16,300,000
New Hampshire	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	0	\$0	\$0
New Jersey	5	3	8	\$165,000	\$303,991,000	19	\$8,770,000	8	\$2,935,000	42%	18	1.0%	3	\$213,597	\$3,148,597
New Mexico	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	0	\$0	\$0
New York	0	14	14	\$1,430,000	\$6,021,000,000	328	\$1,200,000,000	78	\$337,000,000	24%	236	5.6%	9	\$784,770	\$337,784,770
North Carolina	28	0	28	\$280,000	\$2,583,400,000	375	\$198,815,685	150	\$21,076,519	40%	75	0.8%	5	\$409,521	\$21,486,040
North Dakota	1	0	1	\$2,600	\$25,000,000	4	\$0	0	\$0	0%	0	0.0%	1	\$2,098,000	\$2,098,000
Ohio	5	1	6	\$161,000	\$216,467,292	27	\$11,464,976	11	\$1,771,815	41%	11	0.8%	8	\$3,188,862	\$4,960,677
Oklahoma	2	0	2	\$3,250	\$156,240,000	10	\$16,330,000	0	\$0	0%	0	0.0%	0	\$0	\$0
Oregon	4	1	5	\$86,000	\$344,728,000	55	\$23,513,000	9	\$5,788,000	16%	67	1.7%	7	\$167,000	\$5,955,000
Pennsylvania	12	11	23	\$460,000	\$563,000,000	115	\$29,000,000	70	\$22,000,000	61%	48	3.9%	8	\$868,000	\$22,868,000
Puerto Rico	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	0	\$0	\$0
Rhode Island	1	1	2	\$56,676	\$42,000,000	12	\$16,480,000	1	\$4,700,000	8%	83	11.2%	1	\$0	\$4,700,000
South Carolina	1	5	6	\$218,000	\$203,874,000	44	\$49,693,162	11	\$23,737,252	25%	109	11.6%	4	\$3,530,191	\$27,267,443
South Dakota	1	0	1	\$3,000	\$29,203,000	5	\$24,000,000	1	\$100,000	20%	33	0.3%	2	\$167,000	\$267,000
Tennessee	2	0	2	\$7,000	\$71,600,000	1	\$31,000,000	1	\$10,797,000	100%	1,542	15.1%	5	\$1,159,708	\$11,956,708
Texas	0	16	16	\$348,858	\$624,780,583	126	\$3,320,011	49	-\$20,716,531	39%	-59	-3.3%	0	\$0	-\$20,716,531
Utah	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	0	\$0	\$0
Vermont	0	1	1	\$90,000	\$57,000,000	37	\$4,048,000	15	\$4,198,000	41%	47	7.4%	2	\$518,694	\$4,716,694

Virginia	33	1	34	\$320,056	\$940,615,098	59	\$32,060,316	33	\$9,250,020	56%	29	1.0%	17	\$1,300,000	\$10,550,020
Washington	4	5	9	\$567,400	\$1,797,000,000	70	\$84,700,000	17	\$5,000,000	24%	9	0.3%	27	\$1,910,168	\$6,910,168
West Virginia	1	0	1	\$16,000	\$27,400,000	6	\$766,416	1	\$207,928	17%	13	0.8%	9	\$2,380,000	\$2,587,928
Wisconsin	0	5	5	\$302,000	\$1,000,000,000	49	\$61,360,060	9	\$5,845,000	18%	19	0.6%	28	\$1,442,184	\$7,287,184
Wyoming	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	3	\$203,000	\$203,000
Eastern Federal Lands	2	2	4	\$232,700	\$35,000,000	45	\$7,500,000	12	\$7,500,000	27%	32	21.4%	0	\$0	\$7,500,000
Central Federal Lands	5	0	5	\$150,000	\$90,714,444	30	\$16,814,100	15	\$6,939,140	50%	46	7.6%	0	\$0	\$6,939,140
Western Federal Lands	0	0	0	\$0	\$0	0	\$0	0	\$0	NA	NA	NA	0	\$0	\$0
<b>Total</b>	<b>147</b>	<b>205</b>	<b>352</b>	<b>\$11,983,760</b>	<b>\$30,272,638,702</b>	<b>2,905</b>	<b>\$3,783,028,009</b>	<b>1,191</b>	<b>\$1,145,122,612</b>	<b>41.0%</b>	<b>96</b>	<b>3.78%</b>	<b>313</b>	<b>\$41,923,410</b>	<b>\$1,187,046,022</b>

22-Jul-13