



Value Engineering

FY 2000 Annual Federal-aid Value Engineering Summary Report (Costs in Millions of Dollars)

STATE	Number of VE Studies			Cost of VE Studies			Estimate of Project Costs			Number of VE Recommendations			Value of all VE Recommendations			No. of <u>Approved</u> Recommendations			Value of <u>Approved</u> Recommendations			VE Change Proposals		
	In-H	Consul	Total	In-H	Consul	Total	In-H	Consul	Total	In-H	Consul	Total	In-H	Consul	Total	In-H	Consul	Total	In-H	Consul	Total	Number		
																						Submitted	Approved	Savings
ALABAMA	14	0	14	0.08	0.00	0.08	353.00	0.00	353.00	71	0	71	112.00	0.00	112.00	50	0	50	106.00	0.00	106.00	1	1	0.000
ALASKA	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
ARIZONA	5	1	6	0.05	0.01	0.06	159.00	263.00	422.00	43	31	74	7.33	0.00	7.33	24	24	48	1.87	1.87	3.74	30	30	2.340
ARKANSAS	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	3	2	1.067
CALIFORNIA	4	17	21	0.44	1.00	1.44	135.09	1,285.29	1,420.38	32	201	233	82.13	620.69	702.82	16	212	228	17.30	57.60	74.90	17	15	2.550
COLORADO	0	7	7	0.00	0.30	0.30	0.00	1,983.48	1,983.48	0	79	79	0.00	39.59	39.59	0	79	79	0.00	29.79	29.79	4	2	0.134
CONNECTICUT	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	2	2	0.241
DELAWARE	0	-	0	0.00	-	0.00	0.00	-	0.00	0	-	0	0.00	-	0.00	13	-	13	0.60	-	0.60	6	2	0.013
DC	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
FLORIDA	18	37	55	0.29	1.14	1.43	420.00	1,150.00	1,570.00	44	175	219	338.00	264.00	602.00	18	54	72	309.20	67.60	376.80	38	27	4.150
GEORGIA	0	10	10	0.09	0.16	0.25	0.00	431.24	431.24	0	47	47	0.00	160.58	160.58	0	16	16	0.00	21.91	21.91	1	1	0.289
HAWAII	-	-	0	-	-	0.00	-	-	0.00	-	-	0	-	0.00	-	-	0	-	-	-	-	-	-	-
IDAHO	4	0	4	0.03	0.00	0.03	104.00	0.00	104.00	12	0	12	104.00	0.00	104.00	0	0	0	0.00	0.00	0.00	0	0	0.000
ILLINOIS	5	-	5	0.01	0.00	0.01	116.10	0.00	116.10	21	0	21	10.10	0.00	10.10	0	0	0	0.00	0.00	0.00	22	7	0.641
INDIANA	1	-	1	0.00	-	0.00	31.30	-	31.30	0	-	0	0.00	-	0.00	0	-	0	0.00	-	0.00	2	2	0.943
IOWA	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	3	3	0.00	3.65	3.65	13	12	0.957
KANSAS	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
KENTUCKY	0	1	1	0.00	0.04	0.04	0.00	58.25	58.25	0	6	6	0.00	24.66	24.66	0	0	0	0.00	0.00	0.00	8	8	0.811
LOUISIANA	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	1	1	0.226
MAINE	2	0	2	0.02	0.00	0.02	38.30	0.00	38.30	8	0	8	6.97	0.00	6.97	5	0	5	4.25	0.00	4.25	2	2	0.010
MARYLAND	-	4	4	-	0.04	0.04	-	19.70	19.70	-	26	26	-	15.20	15.20	-	2	2	-	0.20	0.20	9	5	0.066
MASSACHUSETTS	0	2	2	0.00	0.05	0.05	0.00	421.15	421.15	0	28	28	0.00	10.74	10.74	0	8	8	0.00	6.44	6.44	29	19	11.854
MICHIGAN	0	6	6	0.00	0.27	0.27	0.00	347.42	347.42	0	57	57	0.00	18.03	18.03	0	8	8	0.00	1.96	1.96	1	1	0.532
MINNESOTA	5	0	5	0.01	0.00	0.01	403.50	0.00	403.50	5	0	5	17.60	0.00	17.60	3	0	3	3.20	0.00	3.20	1	1	0.022
MISSISSIPPI	0	0	0	-	-	0.00	-	-	0.00	-	-	0	-	-	0.00	0	0	0	0.00	0.00	0.00	1	1	0.223
MISSOURI	17	0	17	0.28	0.00	0.28	420.00	0.00	420.00	60	0	60	5.84	0.00	5.84	20	0	20	9.65	0.00	9.65	21	8	1.307
MONTANA	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
NEBRASKA	0	1	1	0.00	0.11	0.11	0.00	350.00	350.00	0	22	22	0.00	101.00	101.00	0	4	4	0.00	-0.06	-0.06	0	0	0.000
NEVADA	1	2	3	0.01	0.07	0.08	10.00	77.00	87.00	1	17	18	0.14	87.00	87.14	0	2	2	0.00	1.30	1.30	4	4	0.175
NEW HAMPSHIRE	-	1	1	0.00	0.06	0.06	-	61.00	61.00	-	15	15	-	10.00	10.00	-	1	1	-	0.05	0.05	1	0	0.000
NEW JERSEY	18	0	18	0.23	0.00	0.23	253.97	0.00	253.97	34	0	34	32.55	0.00	32.55	34	0	34	93.11	0.00	93.11	9	3	0.623
NEW MEXICO	2	3	5	0.00	0.14	0.14	19.49	143.02	162.50	12	27	39	1.96	36.27	38.23	2	13	15	69.15	7.66	76.80	5	5	0.102
NEW YORK	0	8	8	0.00	0.39	0.39	0.00	466.70	466.70	0	61	61	0.00	104.99	104.99	0	8	8	0.00	2.58	2.58	13	10	1.126
NORTH CAROLINA	15	0	15	0.04	0.00	0.04	459.30	0.00	459.30	10	0	10	14.60	0.00	14.60	15	0	15	17.44	0.00	17.44	10	7	1.363
NORTH DAKOTA	3	0	3	0.01	0.00	0.01	100.00	0.00	100.00	1	0	1	0.50	0.00	0.50	1	0	1	0.50	0.00	0.50	0	0	0.000
OHIO	4	10	14	0.00	0.18	0.18	39.98	697.54	737.52	6	121	127	0.00	669.14	669.14	5	41	46	5.40	22.75	28.15	6	5	2.511
OKLAHOMA	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
OREGON	4	0	4	0.04	0.00	0.04	151.00	0.00	151.00	21	0	21	18.33	0.00	18.33	5	0	5	6.56	0.00	6.56	38	38	0.660
PENNSYLVANIA	18	3	21	0.04	0.11	0.15	369.00	180.00	549.00	22	29	51	46.00	21.00	67.00	10	6	16	9.60	6.60	16.20	11	8	1.530
PUERTO RICO	0	0	0	-	-	0.00	-	-	0.00	-	-	0	-	-	0.00	-	-	-	-	-	-	-	-	-
RHODE ISLAND	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
SOUTH CAROLINA	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
SOUTH DAKOTA	9	0	9	0.20	0.00	0.20	44.00	0.00	44.00	9	0	9	14.40	0.00	14.40	9	0	9	14.40	0.00	14.40	0	0	0.000
TENNESSEE	9	0	9	0.06	0.00	0.06	320.72	0.00	320.72	31	0	31	22.83	0.00	22.83	13	0	13	5.76	0.00	5.76	8	8	1.912
TEXAS	0	19	19	0.00	0.17	0.17	0.00	2,734.23	2,734.23	0	153	153	0.00	173.85	173.85	0	91	91	0.00	104.36	104.36	0	0	0.000
UTAH	1	5	6	0.03	0.17	0.21	-	235.90	235.90	1	38	39	0.18	50.53	50.71	1	8	9	0.18	14.04	14.22	0	0	0.000
VERMONT	0	5	5	0.00	0.21	0.21	0.00	180.02	180.02	0	75	75	0.00	21.26	21.26	0	28	28	0.00	2.04	2.04	2	2	0.101
VIRGINIA	55	0	55	0.81	0.00	0.81	561.30	0.00	561.30	296	0	296	124.40	0.00	124.40	148	0	148	24.60	0.00	24.60	-	-	-
WASHINGTON	10	2	12	0.07	0.05	0.12	115.90	41.80	157.70	26	24	50	55.80	10.00	65.80	21	19	40	47.10	0.77	47.87	25	20	1.960
WEST VIRGINIA	0	7	7	0.00	NR	0.00	0.00	340.00	340.00	0	4	4	0.00	8.00	8.00	0	4	4	0.00	8.00	8.00	0	0	0.000
WISCONSIN	7	6	13	0.15	0.15	0.29	77.45	70.67	148.12	7	8	15	18.39	2.47	20.87	7	6	13	18.39	2.47	20.87	10	10	0.506
WYOMING	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0.000
TOTALS	231	157	388	2.97	4.81	7.78	4,702.4	11,274.4	16,239.8	773	1,244	2,017	1,034.0	2,449.0	3,483.0	420	637	1,057	764.3	363.6	1,127.8	354	269	40.655

Notes:
 Data reported by FHWA field offices and/or State DOTs
 "In-H" represents In-House
 "Consul" represents Consultant
 "VECPs" represents Value Engineering Change Proposals
 "NR" represents Not Reported



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