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Value Engineering

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FY 2002 Annual Federal-aid Value Engineering Summary Report

All 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 Approved Recommendations			Value of Approved 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		Savings
																						Submit	Approved	
ALABAMA	3	0	3	0.02	0.05	0.07	203.00	0.00	203.00	14	0	14	46.00	0.00	46.00	0	0	0	0.00	0.00	0.00	4	4	0.737
ALASKA	0	7	7	0.01	0.37	0.38	0.00	245.00	245.00	142	0	142	0.00	79.40	79.40	0	31	31	0.00	27.40	27.40	1	0	0.000
ARIZONA	6	0	6	0.06	0.06	0.12	203.00	0.00	203.00	53	0	53	14.70	0.00	14.70	32	0	32	10.40	0.00	10.40	16?	16	1.840
ARKANSAS	3	1	4	0.03	0.11	0.14	583.50	0.00	583.50	11	15	26	31.00	178.00	209.00	8	7	15	21.00	39.30	60.30	5	5	0.465
CALIFORNIA	2	35	37	1.00	1.40	2.40	37.30	2,816.00	2,853.30	2	288	290	0.78	324.00	324.78	1	74	75	0.63	158.40	159.03	30	29	2.500
COLORADO	0	4	4	0.00	0.23	0.23	0.00	430.60	430.60	0	14	14	0.00	16.61	16.61	0	14	14	0.00	16.61	16.61	2	2	0.373
CONNECTICUT	1	0	1	0.04	0.00	0.04	120.00	0.00	120.00	11	0	11	26.80	0.00	26.80	1	0	1	0.08	0.00	0.08	3	3	1.030
DELAWARE	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	4	4	0.402
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
FLH	1	1	2	0.01	0.01	0.02	5.43	0.00	5.43	1	2	3	0.33	0.24	0.57	1	2	3	0.33	0.24	0.57	1	1	0.582
FLORIDA	21	29	50	0.30	0.67	0.97	1,300.00	1,640.00	2,940.00	71	140	211	100.00	814.00	914.00	34	45	79	28.90	113.50	142.40	24	20	9.770
GEORGIA	0	5	5	0.05	0.10	0.15	0.00	373.90	373.90	0	35	35	0.00	120.30	120.30	0	13	13	0.00	35.87	35.87	0	0	0.000
HAWAII	2	0	2	0.03	0.00	0.03	79.50	0.00	79.50	12	0	12	16.53	0.00	16.53	11	0	11	16.53	0.00	16.53	0	0	0.000
IDAHO	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
ILLINOIS	9	2	11	0.02	0.05	0.07	610.10	198.00	808.10	23	14	37	56.20	24.40	80.60	5	0	5	6.60	0.00	6.60	16	5	0.85.4
INDIANA	4	0	4	0.01	0.00	0.01	466.00	0.00	466.00	9	0	9	*	-	0.00	4	-	4	*	0.00	*	1	1	0.020
IOWA	4	0	4	0.03	0.02	0.04	256.70	0.00	256.70	19	0	19	14.20	0.00	14.20	9	0	9	6.10	0.00	6.10	18	18	5.320
KANSAS	0	2	2	0.00	0.10	0.10	0.00	201.50	201.50	0	12	12	0.00	5.40	5.40	0	4	4	0.00	0.59	0.59	0	0	0.000
KENTUCKY	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
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	0.024
MAINE	1	1	2	0.01	0.01	0.01	0.00	15.40	15.40	8	7	15	0.00	1.84	1.84	0	7	7	1.84	0.00	1.84	1	1	0.019
MARYLAND	4	0	4	0.14	0.30	0.44	0.00	880.00	880.00	0	45	45	0.00	48.00	48.00	0	45	45	0.00	48.00	48.00	6	4	0.311
MASSACHUSETTS	0	0	0	0.00	0.00	0.00	0.00	30.05	30.05	0	14	14	0.00	11.67	11.67	0	14	14	0.00	11.67	11.67	2	2	7.080
MICHIGAN	0	4	4	0.00	0.25	0.25	0.00	140.82	140.82	0	71	71	0.00	32.20	32.20	0	1	1	0.00	0.24	0.24	29	18	4.290
MINNESOTA	1	1	2	0.01	0.01	0.02	213.00	470.00	683.00	26	24	50	7.60	34.00	41.60	4	0	4	1.50	0.00	1.50	6	6	0.365
MISSISSIPPI	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
MISSOURI	5	1	6	0.06	0.06	0.12	368.00	79.00	447.00	39	7	46	81.20	10.40	91.60	16	1	17	35.04	2.00	37.04	9	7	0.829
MONTANA	0	1	1	0.00	0.05	0.05	0.00	125.00	125.00	0	20	20	0.00	8.33	8.33	0	20	20	0.00	8.33	8.33	5	5	0.656
NEBRASKA	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
NEVADA	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
NEW HAMPSHIRE	0	1	1	0.00	0.06	0.06	0.00	76.50	76.50	0	9	9	0.00	11.07	11.07	0	9	9	0.00	4.81	4.81	2	2	0.085
NEW JERSEY	18	0	18	0.23	0.00	0.23	448.10	0.00	448.10	32	0	32	98.50	0.00	98.50	24	0	24	88.20	0.00	88.20	7	4	0.583
NEW MEXICO	4	2	6	0.03	0.09	0.12	47.70	60.20	107.90	23	19	42	4.65	32.41	37.06	10	8	18	3.58	15.78	19.36	10	10	1.710
NEW YORK	0	7	7	0.00	0.48	0.48	0.00	367.00	367.00	0	101	101	0.00	72.20	72.20	0	28	28	0.00	35.37	35.37	10	9	0.636
NORTH CAROLINA	16	0	16	0.04	0.00	0.04	747.00	0.00	747.00	54	0	54	64.95	0.00	64.95	3	0	3	2.33	0.00	2.33	24	16	2.880
NORTH DAKOTA	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
OHIO	0	12	12	0.00	0.12	0.12	0.00	722.11	722.11	0	88	88	0.00	83.69	83.69	0	38	38	0.00	50.60	50.60	33	19	2.730
OKLAHOMA	9	0	9	0.00	0.00	0.00	133.00	0.00	133.00	45	0	45	19.50	0.00	19.50	7	0	7	1.30	0.00	1.30	2	2	0.378
OREGON	2	0	2	0.03	0.00	0.03	58.00	0.00	58.00	10	0	10	2.24	0.00	2.24	10	0	10	2.24	0.00	2.24	41	40	1.112

PENNSYLVANIA	20	1	21	0.05	0.10	0.15	318.18	320.00	638.18	44	18	62	21.33	10.00	31.33	10	4	14	2.13	2.37	4.50	20	13	2.237
PUERTO RICO	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
RHODE ISLAND	0	1	1	0.01	0.03	0.04	0.00	89.00	89.00	0	6	6	0.00	28.80	28.80	0	2	2	0.00	24.50	24.50	0	0	0.000
SOUTH CAROLINA	2	3	5	0.01	0.22	0.23	53.80	111.34	165.14	7	28	35	5.30	15.70	21.00	3	17	20	1.23	8.84	10.07	6	4	1.427
SOUTH DAKOTA	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	0.491
TENNESSEE	20	0	20	0.08	0.00	0.08	350.00	0.00	350.00	99	0	99	10.49	0.00	10.49	66	0	66	4.11	0.00	4.11	23	18	4.400
TEXAS	0	18	18	0.00	.175.7	0.18	795.44	0.00	795.44	0	136	136	0.00	55.48	55.48	0	81	81	0.00	33.29	33.29	0	0	0.000
UTAH	0	5	5	0.06	0.18	0.24	0.00	106.83	106.83	0	62	62	0.00	43.20	43.20	4	4	8	4.20	17.80	22.00	3	2	0.326
VERMONT	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	1	0.000
VIRGINIA	48	0	48	0.82	0.00	0.82	913.35	0.00	913.35	244	0	244	62.21	0.00	62.21	152	0	152	37.80	0.00	37.80	22	16	1.640
WASHINGTON	11	3	14	0.08	0.08	0.16	277.98	1,098.00	1,375.98	52	37	89	19.10	86.40	105.50	40	31	71	18.99	52.10	71.09	26	23	1.420
WEST VIRGINIA	6	0	6	unk	UNK	0.00	123.00	0.00	123.00	11	0	11	29.47	0.00	29.47	0	0	0	29.47	0.00	29.47	10	10	2.433
WISCONSIN	0	7	7	0.00	0.40	0.40	0.00	1,300.00	1,300.00	0	70	70	169.30	0.00	169.30	0	14	14	0.00	11.15	11.15	5	5	.314.2
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	223	154	377	3.24	5.60	9.02	8,711.1	11,651.2	20,607.3	1062	1,282	2,344	902.4	2,147.7	3,050.1	455	514	969	324.5	718.8	1,043.3	416	347	61.101

Notes:

Data reported by FHWA Field Offices, FLH 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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