

Value Engineering (VE) Survey for Fiscal Year 2018 (FY18)

State	# of VE Studies Completed by DOT Staff	# of VE Studies Completed by Consultants	Total # of All VE Studies	Total Cost to Conduct All VE Studies	Total Estimated Costs (PE, CE, Construction, ROW, etc.) of All Projects Studied in FY18	# of Proposed VE Recommendations	Value of Proposed VE Recommendations	# of Approved VE Recommendations	Value of Approved VE Recommendations	# of Approved VE Change Proposals (VECP)	Value of Approved VE Change Proposals	Return on Investment	% of Project Costs Saved	Total Savings Achieved
Alabama	0	1	1	\$ 30,207	\$ 56,756,173	6	\$ 37,007,000	4	\$ 14,325,000	3	\$ 269,324	474	25%	\$ 14,594,324
Alaska	0	4	4	\$ 320,180	\$ 510,950,000	51	\$ 15,664,000	36	\$ 7,807,000	0	\$ -	24	2%	\$ 7,807,000
Arizona	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	4	\$ 844,030	0	0%	\$ 844,030
Arkansas	2	0	2	\$ -	\$ 304,410,180	1	\$ 602,000	0	\$ -	2	\$ 2,871,214	0	0%	\$ 2,871,214
California	0	20	20	\$ 1,145,000	\$ 4,178,368,000	105	\$ 626,204,000	57	\$ 232,856,000	28	\$ 3,373,237	203	6%	\$ 236,229,237
Colorado		4	4	\$ 210,187	\$ 458,261,423	66	\$ 63,067,519					0	0%	\$ -
Connecticut	3	1	4	\$ 85,500	\$ 56,880,000	15	\$ 5,758,650	3	\$ 151,000	0	\$ -	2	0%	\$ 151,000
Delaware	1	0	1	\$ 30,000	\$ 74,000,000	19	\$ 1,750,000	5	\$ 1,000,000	0	\$ -	33	1%	\$ 1,000,000
District of Columbia	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Florida	2	21	23	\$ 1,317,600	\$ 3,580,236,600	150	\$ 344,878,839	87	\$ 180,537,167	26	\$ 9,870,801	137	5%	\$ 190,407,968
Georgia	0	9	9	\$ 325,253	\$ 335,073,710	93	\$ 116,814,577	46	\$ 19,153,348	7	\$ 3,172,106	59	6%	\$ 22,325,454
Hawaii	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Idaho	0	2	2	\$ 156,000	\$ 277,628,000	36	\$ 61,962,000	16	\$ 15,921,000	0	\$ -	102	6%	\$ 15,921,000
Illinois	0	4	4	\$ 509,782	\$ 401,650,000	39	\$ 75,989,000	15	\$ 11,815,000	0	\$ -	23	3%	\$ 11,815,000
Indiana	1	1	2	\$ -	\$ 1,797,000,000	22	\$ 300,000,000	0	\$ -	0	\$ -	0	0%	\$ -
Iowa		2	2	\$ 50,000	\$ 169,000,000	7	\$ 4,426,416	0	\$ -	14	\$ 932,472	0	0%	\$ 932,472
Kansas												0	0%	\$ -
Kentucky	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	5	\$ 1,503,137	0	0%	\$ 1,503,137
Louisiana	0	3	3	\$ 134,400	\$ 216,000,000	49	\$ 92,915,035	4	\$ 11,970,000	1	\$ 76,000	89	6%	\$ 12,046,000
Maine	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Maryland	0	2	2	\$ 163,089	\$ 120,600,000	27	\$ 27,929,900	3	\$ 1,740,156	0	\$ -	11	1%	\$ 1,740,156
Massachusetts	0	2	2	\$ 187,100	\$ 163,628,175	23	\$ 37,832,857	12	\$ 26,710,711	1	\$ 219,000	143	16%	\$ 26,929,711
Michigan	5	5	10	\$ 272,844	\$ 270,962,907	35	\$ 7,922,893	5	\$ 2,074,114	7	\$ 1,336,460	8	1%	\$ 3,410,574
Minnesota												0	0%	\$ -
Mississippi	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	3	\$ 162,357	0	0%	\$ 162,357
Missouri	1	2	3	\$ 52,001	\$ 30,150,547	31	\$ 122,548,000	7	\$ 8,676,000	31	\$ 2,775,293	167	29%	\$ 11,451,293
Montana	0	1	1	\$ 52,216	\$ 76,200,200	7	\$ 17,800,000	6	\$ 12,989,000	1	\$ 33,102	249	17%	\$ 13,022,102
Nebraska												0	0%	\$ -
Nevada												0	0%	\$ -
New Hampshire	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	1	\$ 10,027	0	0%	\$ 10,027
New Jersey	1	0	1	\$ 30,544	\$ 143,000,000	3	\$ 15,500,000	1	\$ -	4	\$ 879,000	0	0%	\$ 879,000
New Mexico	0	1	1	\$ 16,300	\$ 45,700,000	14	\$ 4,000,000	5	\$ 3,300,000	0	\$ -	202	7%	\$ 3,300,000
New York												0	0%	\$ -
North Carolina	9	1	10	\$ 34,000	\$ 1,190,000,000	70	\$ 19,000,000	25	\$ 6,500,000	3	\$ 244,609	191	1%	\$ 6,744,609
North Dakota	0	0	0			0		0		0		0	0%	\$ -
Ohio	3	0	3	\$ 23,171	\$ 197,105,876	4	\$ 27,389,280	2	\$ 27,389,280	7	\$ 2,565,542	1182	14%	\$ 29,954,822
Oklahoma												0	0%	\$ -
Oregon	3	1	4	\$ 245,000	\$ 657,937,260	28	\$ 51,044,000	14	\$ 28,835,000	6	\$ 160,000	118	4%	\$ 28,995,000
Pennsylvania	1	7	8	\$ 540,036	\$ 739,833,634	77	\$ 45,732,561	41	\$ 19,409,921	6	\$ 1,354,615	36	3%	\$ 20,764,536
Puerto Rico	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Rhode Island	0	0	0	\$ -	\$ -	1	\$ (102)	1	\$ (102)	1	\$ (102)	0	0%	\$ (203)
South Carolina												0	0%	\$ -
South Dakota												0	0%	\$ -
Tennessee	4	0	4	\$ 18,000	\$ 189,840,700	1	\$ 66,000	1	\$ 66,000	4	\$ 455,144	4	0%	\$ 521,144
Texas	0	28	28	\$ 766,029	\$ 5,099,870,220	271	\$ 474,764,906	145	\$ 372,073,700	0	\$ -	486	7%	\$ 372,073,700
Utah	0	1	1	\$ 50,535	\$ 152,000,000	49	\$ 934,000	8	\$ (1,268,999)	4	\$ 798,757	-25	-1%	\$ (470,242)
Vermont												0	0%	\$ -
Virginia	6	1	7	\$ 199,839	\$ 403,989,944	19	\$ 29,752,663	8	\$ 11,028,000	0	\$ -	55	3%	\$ 11,028,000
Washington	0	5	5	\$ 256,233	\$ 691,106,184	34	\$ 410,725,000	11	\$ 128,422,000	2	\$ 39,500	501	19%	\$ 128,461,500
West Virginia	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	2	\$ 1,611,415	0	0%	\$ 1,611,415

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Wisconsin	0	1	1	\$ 30,000	\$ 28,000,000	3	\$ 1,495,000	1	\$ 1,136,000	26	\$ 4,190,802	38	4%	\$ 5,326,802
Wyoming	2	0	2	\$ 13,000	\$ 31,824,554	16	\$ 8,390,111	5	\$ 908,843	0	\$ -	70	3%	\$ 908,843
Central Federal Lands	1	0	1	\$ 45,500	\$ 32,000,000	4	\$ 3,358,230	4	\$ 3,358,230	1	\$ 500,000	74	10%	\$ 3,858,230
TOTALS	45	130	175	\$ 7,309,548	\$ 22,679,964,294	1,376	\$ 3,053,224,335	578	\$ 1,148,883,369	200	\$ 40,247,844	157	5%	\$ 1,189,131,213

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