

Value Engineering (VE) Survey for Fiscal Year 2017 (FY17)

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 FY17	# 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	1	0	1	\$ 10,000	\$ 43,500,000	6	\$ 4,910,825	1	\$ 175,500	3	\$ 401,608	18	0%	\$ 577,108
Alaska	0	3	3	\$ 201,100	\$ 236,665,000	62	\$ 32,493,195	25	\$ 17,213,521	1	\$ 405,847	86	7%	\$ 17,619,368
Arizona	0	1	1	\$ 35,763	\$ 71,530,803	11	\$ 6,330,000	6	\$ 3,700,000	0	\$ -	103	5%	\$ 3,700,000
Arkansas	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
California	0	11	11	\$ 513,000	\$ 1,116,489,000	51	\$ 212,809,000	26	\$ 50,247,000	28	\$ 2,231,000	98	5%	\$ 52,478,000
Colorado	0	0	0	\$ 56,800	\$ 85,000,000	9	\$ 5,989,000	0	\$ -	0	\$ -	0	0%	\$ -
Connecticut	0	3	3	\$ 176,656	\$ 146,000,000	16	\$ 11,346,100	6	\$ 6,289,600	1	\$ 1,500,000	36	4%	\$ 7,789,600
Delaware	0	1	1	\$ 43,000	\$ 70,709,484	6	\$ 2,000,000	6	\$ 2,000,000	4	\$ 1,485,422	47	3%	\$ 3,485,422
District of Columbia	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Florida	3	14	17	\$ 1,132,000	\$ 6,545,361,739	240	\$ 597,571,586	134	\$ 402,197,396	20	\$ 5,483,933	355	6%	\$ 407,681,329
Georgia	0	5	5	\$ 220,431	\$ 661,602,462	60	\$ 167,416,407	33	\$ 61,998,529	2	\$ 303,274	281	9%	\$ 62,301,803
Hawaii			0									0	0%	\$ -
Idaho	1	3	4	\$ 121,277	\$ 157,581,116	15	\$ 19,253,584	13	\$ 9,753,584	1	\$ 184,387	80	6%	\$ 9,937,971
Illinois	0	1	1	\$ 97,702	\$ 200,000,000	14	\$ 60,000,000	7	\$ -	1	\$ 71,553	0	0%	\$ 71,553
Indiana	0	3	3	\$ 82,713	\$ 1,120,977,011	33	\$ 65,563,600	16	\$ 57,253,000	0	\$ -	692	5%	\$ 57,253,000
Iowa	0	1	1	\$ 20,000	\$ 40,000,000	3	\$ 2,260,000	2	\$ -	15	\$ 1,275,000	0	0%	\$ 1,275,000
Kansas	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Kentucky	0	1	1	\$ 58,556	\$ 54,000,000	35	\$ 2,779,315	27	\$ (366,179)	5	\$ 1,351,271	-6	-1%	\$ 985,092
Louisiana	0	5	5	\$ 227,000	\$ 428,600,000	40	\$ 222,710,624	4	\$ 38,694,930	0	\$ -	170	9%	\$ 38,694,930
Maine	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Maryland	0	2	2	\$ 171,180	\$ 255,000,000	21	\$ 20,555,901	5	\$ (3,212,000)	0	\$ -	-19	-1%	\$ (3,212,000)
Massachusetts	0	2	2	\$ 147,000	\$ 149,136,229	72	\$ 60,830,195	34	\$ 2,562,860	0	\$ -	17	2%	\$ 2,562,860
Michigan	0	4	4	\$ 263,448	\$ 242,216,310	26	\$ 10,673,784	7	\$ 3,514,000	11	\$ 1,657,243	13	1%	\$ 5,171,243
Minnesota	0	4	4	\$ 253,000	\$ 122,100,000	27	\$ 11,700,000	15	\$ 8,740,000	3	\$ 436,901	35	7%	\$ 9,176,901
Mississippi	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Missouri	2	0	2	\$ -	\$ 14,388,000	9	\$ (3,884,500)	2	\$ (1,349,000)	35	\$ 1,210,112	0	-9%	\$ (138,888)
Montana	4	2	6	\$ 233,134	\$ 188,390,000	38	\$ 23,192,732	14	\$ 14,227,125	1	\$ 3,200	61	8%	\$ 14,230,325
Nebraska	0	2	2	\$ 147,313	\$ 356,420,092	25	\$ 75,836,000	9	\$ 7,123,000	2	\$ 141,420	48	2%	\$ 7,264,420
Nevada	0	1	1	\$ 32,000	\$ 150,900,000	1	\$ 15,630,000	0	\$ -	1	\$ 36,432	0	0%	\$ 36,432
New Hampshire	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	1	\$ 112,000	0	0%	\$ 112,000
New Jersey	5	0	5	\$ 106,112	\$ 251,200,000	18	\$ 10,097,664	6	\$ 1,479,000	2	\$ 250,846	14	1%	\$ 1,729,846
New Mexico												0	0%	\$ -
New York	0	7	7	\$ 954,578	\$ 1,146,000,000	158	\$ 230,914,889	68	\$ 46,902,000	0	\$ -	49	4%	\$ 46,902,000
North Carolina	1	1	2	\$ 8,900	\$ 168,000,000	12	\$ 37,300,000	10	\$ 28,700,000	5	\$ 1,700,000	3225	17%	\$ 30,400,000
North Dakota	1	0	1	\$ 19,761	\$ 1,000,000,000	35	\$ 27,537,500	0	\$ -	1	\$ 14,179	0	0%	\$ 14,179
Ohio	3	1	4	\$ 70,691	\$ 307,284,447	13	\$ 44,492,000	7	\$ 14,185,000	8	\$ 2,592,096	201	5%	\$ 16,777,096
Oklahoma												0	0%	\$ -
Oregon	1	0	1	\$ 25,000	\$ 30,000,000	5	\$ 700,000	2	\$ 1,000,000	2	\$ 30,000	40	3%	\$ 1,030,000
Pennsylvania	1	2	3	\$ 45,000	\$ 229,000,000	32	\$ 11,200,000	1	\$ 2,200,000	4	\$ 2,800,000	49	1%	\$ 5,000,000
Puerto Rico												0	0%	\$ -
Rhode Island	0	0	0	\$ -	\$ -	4	\$ 862,417	4	\$ 433,666	4	\$ 433,666	0	0%	\$ 867,332
South Carolina	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	1	\$ 522,835	0	0%	\$ 522,835
South Dakota												0	0%	\$ -
Tennessee	6	0	6	\$ 21,000	\$ 327,411,000	11	\$ 2,458,205	2	\$ 253,130	4	\$ 394,611	12	0%	\$ 647,741
Texas	0	17	17	\$ 414,549	\$ 4,151,857,467	219	\$ 798,571,538	89	\$ 262,497,021	0	\$ -	633	6%	\$ 262,497,021
Utah	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	13	\$ 367,187	0	0%	\$ 367,187
Vermont	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Virginia	27	1	28	\$ 508,727	\$ 530,394,849	85	\$ 31,440,383	39	\$ 8,923,294	18	\$ 1,624,497	18	2%	\$ 10,547,791
Washington	1	2	3	\$ 128,600	\$ 121,800,000	17	\$ 5,630,000	1	\$ 2,880,000	10	\$ 1,200,000	22	2%	\$ 4,080,000
West Virginia	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	5	\$ 2,511,243	0	0%	\$ 2,511,243
Wisconsin	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	18	\$ 1,680,616	0	0%	\$ 1,680,616
Wyoming	1	2	3	\$ 85,700	\$ 51,307,011	31	\$ 8,497,828	15	\$ 1,525,000	0	\$ -	18	3%	\$ 1,525,000
Central Federal Lands	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	2	\$ 475,938	0	0%	\$ 475,938
Eastern Federal Lands												0	0%	\$ -
Western Federal Lands												0	0%	\$ -
TOTALS	58	102	160	\$ 6,631,691	\$ 20,770,822,019	1,451	\$ 2,837,669,773	636	\$ 1,051,740,977	232	\$ 34,888,318	159	5%	\$ 1,086,629,295

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