

Value Engineering (VE) Survey for Fiscal Year 2020 (FY20)

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	# 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	\$ 9,361	\$ 22,542,244	4	\$ 1,228,750	0	\$ -	1	\$ 125,655	0	0%	\$ 125,655
Alaska	0	1	1	\$ 101,021	\$ 70,000,000	16	\$ 31,873,000	5	\$ 4,293,000	1	\$ 27,521	42	6%	\$ 4,320,521
Arizona	0	4	4	\$ 181,665	\$ 267,748,093	64	\$ 17,660,000	30	\$ 1,754,000	2	\$ 65,377	10	1%	\$ 1,819,377
Arkansas	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	3	\$ 724,482	0	0%	\$ 724,482
California	0	54	54	\$ 3,970,407	\$ 3,419,408,563	305	\$ 1,705,230,500	144	\$ 254,302,700	30	\$ 16,132,591	64	7%	\$ 270,435,291
Colorado	1	2	3	\$ 57,590	\$ 178,800,000	86	\$ 37,792,000	28	\$ 15,897,000	4	\$ 11,570,000	276	9%	\$ 27,467,000
Connecticut	0	1	1	\$ 96,472	\$ 61,200,000	11	\$ 7,654,500	5	\$ 167,500	1	\$ 1,789,726	2	0%	\$ 1,957,226
Delaware	0	4	4	\$ 128,262	\$ 402,156,512	85	\$ 21,687,070	48	\$ 29,312,600	1	\$ 256,485	229	7%	\$ 29,569,085
District of Columbia	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Florida	0	19	19	\$ 1,700,000	\$ 4,850,000,000	130	\$ 1,502,000,000	66	\$ 1,147,000,000	34	\$ 14,741,800	675	24%	\$ 1,161,741,800
Georgia	0	1	1	\$ 56,391	\$ 117,952,757	8	\$ 8,875,630	6	\$ 7,113,630	2	\$ 134,235	126	6%	\$ 7,247,865
Hawaii	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Idaho	1	4	5	\$ -	\$ 98,464,454	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Illinois	0	1	1	\$ 69,629	\$ 40,300,000	12	\$ 866,000	0	\$ -	0	\$ -	0	0%	\$ -
Indiana	0	2	2	\$ 223,000	\$ 160,000,000	15	\$ 10,497,000	9	\$ 7,106,900	7	\$ 5,271,000	32	4%	\$ 12,377,900
Iowa	0	2	2	\$ 50,849	\$ 467,277,000	10	\$ 3,122,000	2	\$ 600,000	19	\$ 451,587	12	0%	\$ 1,051,587
Kansas	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Kentucky	0	2	2	\$ 91,182	\$ 100,700,000	46	\$ 37,968,000	10	\$ 4,643,000	7	\$ 492,840	51	5%	\$ 5,135,840
Louisiana	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Maine	2	0	2	\$ 30,000	\$ 200,000,000	19	\$ 2,000,000	13	\$ 100,000	0	\$ -	3	0%	\$ 100,000
Maryland	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Massachusetts	0	2	2	\$ 188,434	\$ 197,527,579	46	\$ 48,982,766	28	\$ 15,345,300	1	\$ 736,977	81	8%	\$ 16,082,277
Michigan	0	6	6	\$ 404,816	\$ 624,632,271	43	\$ 2,674,800	11	\$ 1,679,100	2	\$ 89,782	4	0%	\$ 1,768,882
Minnesota	0	4	4	\$ 193,772	\$ 262,500,000	12	\$ 38,100,000	8	\$ 22,800,000	8	\$ 474,929.31	118	9%	\$ 23,274,929
Mississippi	0	1	1	\$ 213,915	\$ 50,100,000	3	\$ 4,425,945	1	\$ 1,085,270	0	\$ 0	5	2%	\$ 1,085,270
Missouri	127	1	128	\$ 22,322	\$ 399,408,000	103	\$ 3,856,389	-	\$ -	31	\$ 2,470,000	0	0%	\$ 2,470,000
Montana	3	0	3	\$ 181,676	\$ 55,652,000	27	\$ (2,569,000)	10	\$ (492,250)	2	\$ 283,475	-3	-1%	\$ (208,775)
Nebraska	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	1	\$ 100,952	0	0%	\$ 100,952
Nevada	0	3	3	\$ 160,413	\$ 578,820,000	24	\$ 86,238,400	10	\$ 3,018,900	0	\$ -	19	1%	\$ 3,018,900
New Hampshire	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
New Jersey	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	6	\$ 4,805,598	0	0%	\$ 4,805,598
New Mexico	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
New York	0	4	4	\$ 500,673	\$ 451,612,297	99	\$ 100,192,894	20	\$ 19,300,231	4	\$ 998,358	39	4%	\$ 20,298,588
North Carolina	3	1	4	\$ 27,303	\$ 283,356,000	38	\$ 17,484,340	21	\$ 3,239,722	17	\$ 26,800,000	119	1%	\$ 30,039,722
North Dakota	1	0	1	\$ 5,116	\$ 68,788,510	3	\$ 739,899	2	\$ 551,908	0	\$ -	108	1%	\$ 551,908
Ohio	2	0	2	\$ 22,790	\$ 158,664,212	13	\$ 13,860,457	0	\$ -	3	\$ 538,372	0	0%	\$ 538,372
Oklahoma	6	0	6	\$ 21,000	\$ 503,907,979	21	\$ 16,547,600	2	\$ 50,000	1	\$ 14,454	2	0%	\$ 64,454
Oregon	2	3	5	\$ 251,100	\$ 182,975,700	44	\$ 54,538,844	25	\$ 42,267,594	9	\$ 367,875	168	23%	\$ 42,635,469
Pennsylvania	1	4	5	\$ 302,489	\$ 614,407,958	95	\$ 1,420,849	40	\$ 487,003	0	\$ -	2	0%	\$ 487,003
Puerto Rico	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0%	\$ -
Rhode Island													0%	\$ -
South Carolina	0	3	3	\$ 69,062	\$ 308,112,000	32	\$ 13,395,403	4	\$ (458,672)	7	\$ (1,689,475)	-7	0%	\$ (2,148,147)
South Dakota	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	1	\$ 3,723	0	0%	\$ 3,723
Tennessee	5	0	5	\$ 16,000	\$ 253,255,000	1	\$ 386,500	0	\$ -	2	\$ 514,755	0	0%	\$ 514,755
Texas	0	37	37	\$ 1,384,177	\$ 7,227,667,368	383	\$ 527,420,000	217	\$ 277,890,000	0	\$ -	201	4%	\$ 277,890,000
Utah										3	\$ 87,781	0	0%	\$ 87,781
Vermont	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	1	\$ 67,859	0	0%	\$ 67,859
Virginia	0	4	4	\$ 40,494	\$ 126,565,958	14	\$ (8,664,546)	9	\$ 8,134,000	7	\$ 240,158	201	6%	\$ 8,374,158
Washington	2	2	4	\$ 171,289	\$ 331,985,050	61	\$ 55,837,000	9	\$ 21,055,000	10	\$ 1,081,110	123	6%	\$ 22,136,110
West Virginia	0	0	0	\$ -	\$ -	0	\$ -	0	\$ -	2	\$ 1,667,723	0	0%	\$ 1,667,723
Wisconsin	1	0	1	\$ 44,658	\$ 61,000,000	5	\$ 3,597,439	4	\$ 3,820,370	9	\$ 2,516,118	86	6%	\$ 6,336,488
Wyoming	2	0	2	\$ 5,000	\$ 36,900,000	6	\$ 2,441,000	1	\$ 636,000	2	\$ 272,010	127	2%	\$ 908,010
Central Federal Lands			1	\$ 30,000	\$ 6,000,000	1	\$ 800,000	1	\$ 800,000	0	\$ -	27	13%	\$ 800,000
Eastern Federal Lands	1	0	1	\$ 11,927	\$ 8,464,523	9	\$ 30,172,000	3	\$ 5,670,000	0	\$ -	475	67%	\$ 5,670,000
Western Federal Lands												0	0%	\$ -
TOTALS	161	172	334	\$ 11,034,256	\$ 23,248,852,028	1894	\$ 4,400,333,429	792	\$ 1,899,169,806	241	\$ 94,225,833	172	8%	\$ 1,993,395,639