

Benefits of VDOT's Value Engineering Program

Virginia's State law requires VE studies on any VDOT highway construction and maintenance projects costing \$15 million or more. Our experience in Virginia is that performing VE studies has saved the Commonwealth of Virginia millions of dollars over the years. VDOT maintains a database of VE studies completed since 1991 (see summary below). Based on data from 580 VE studies, Virginia would have over 250 million dollars of missed approved VE study recommendations if VE studies were done on projects of just \$50 million dollars or greater.

Contract Amount Greater than:	Total Contract Amount	Amount of Accepted Recommendations	Number of Studies	"Money left on the table" above \$5 million	Percent of Accepted Recommendation vs. Contract Amount
\$50 Million	\$9,355,566,053	\$297,940,437	81	\$254,164,668	3.18%
\$25 Million	\$12,181,933,670	\$375,339,394	161	\$176,765,711	3.08%
\$10 Million	\$15,335,352,798	\$501,097,513	364	\$51,007,592	3.27%
\$15 Million	\$16,861,954,371	\$552,105,105	580	0	3.27%
				Average	3.20%

Value Engineering Cost Avoidance (FY 90 - FY13)

