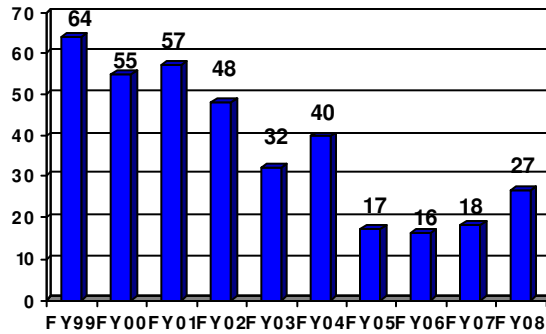


Value Engineering Program

Studies Conducted FY 99 – FY 08



- In 2001, the cost threshold for required Value Engineering was raised from \$2 million to \$5 million

Value Engineering Program

History

Since its creation in 1990, the VE Program has:

- Conducted 926 studies
- Achieved \$565 million in savings/cost avoidance
- Submitted 4,446 recommendations; 2,469 (55%) have been accepted
- Developed 1,518 quality improvements
- Realized \$43:1 in savings/cost avoidance for every program dollar spent



Virginia Department of Transportation
Scheduling and Contract Division
Value Engineering (VE)
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Virginia Department of Transportation

Scheduling and Contract Division

Value Engineering Annual Report

FY 08

(July 1, 2007 – June 30, 2008)

Ron F. Garrett, CVS, State VE Manager
Richmond District
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Value Engineering Program

Accomplishments FY 08

- Conducted VE studies on 23 construction and maintenance projects, and 4 special projects; a total of 27 studies that resulted in 82 recommendations.
- Recommendations submitted to the Chief Engineer included actions to minimize environmental impact, enhance operational performance or improve constructability.
- Achieved \$27.6 million in savings/cost Avoidance with a 73% acceptance rate.
- Realized a Return on Investment of 58:1.
- Facilitated project scoping meetings and condensed VE Studies.
- Facilitated constructability reviews at the request of several districts.
- Served as AASHTO VE Technical Committee Representative.

Value Engineering Program

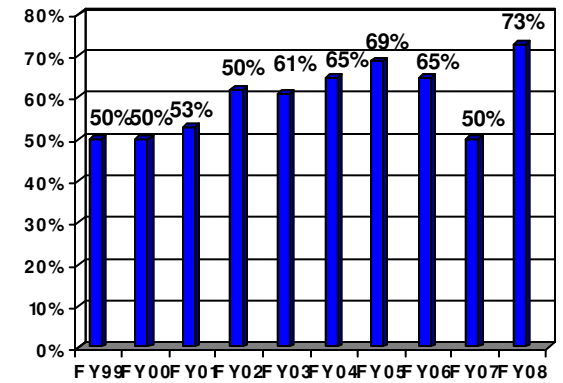
Mission

Obtain optimum value from transportation funds through the application of the VE process:

- Improve project quality
- Reduce overall life-cycle costs
- Promote innovation in highway design and construction
- Provide training in Value Engineering methods and principles

FY 99-08

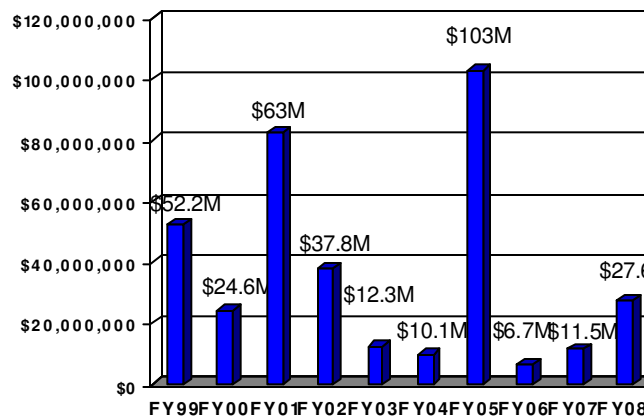
Accepted Recommendations



- Accepted by VDOT management and incorporated into project plans

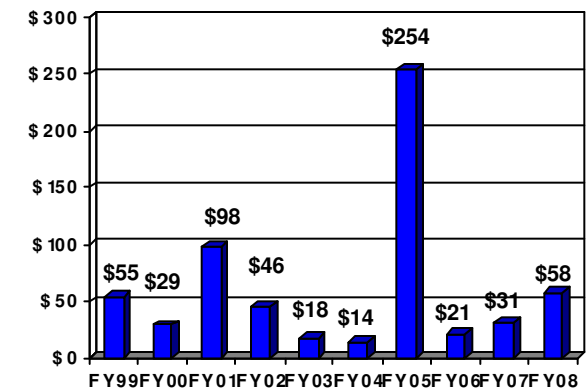
FY 99-08

Savings/Cost Avoidance



FY 99-08

Return on Investment



■ Dollars saved for each dollar spent on VE program