

# VM in Transportation Systems



“Our value engineering (VE) program again went well in the past fiscal year, with 54% of all suggestions accepted—resulting in \$18.6 million in savings and cost avoidance. . . . Since the VE program was expanded five years ago, costs saved or avoided have exceeded \$68.6 million, permitting that amount to go into other highway construction or maintenance work.”

— David R. Gehr, Commissioner, Virginia Department of Transportation

## Why Use VM on Transportation Projects?



Transportation providers, with finite budgets and increasing demand for service and quality, must find innovative, cost-effective solutions for the design, construction, operation, and maintenance of improved transportation systems. A systematic and structured approach, the value methodology (VM) improves projects, processes, and products through the analysis of functions. Properly applied, VM will help transportation agencies, designers, and contractors:

- Meet government regulations requiring VM.
- Use resources more effectively.
- Reduce project construction costs.
- Reduce operation and maintenance costs.
- Reduce paperwork.
- Simplify procedures.
- Improve public relations.
- Accelerate project schedules.
- Develop project solutions.
- Reduce waste.
- Increase procurement efficiency.

VM may be applied to all types of transportation systems:

- Highway facilities and traffic control
- Airports and air transport
- Rail and bus facilities and systems
- Ports, waterways, and shipping
- Intermodal stations and terminals
- Transportation data and communication
- Transportation environmental impact

- Regional transportation planning.
- Public and private transportation systems.

VM’s ability to enhance cost effectiveness and functionality of projects creates a win-win situation for transportation providers, travelers, and taxpayers.

## VM Benefits

VM is a powerful tool for solving problems and improving value in terms of cost, quality, and performance.

- Systematic
- Function-oriented
- Multidiscipline team analysis
- Customer priority driven
- Explores alternatives
- Cost-effective innovations
- 5 - 10% average savings
- 25:1 average return on investment.

VM techniques may be applied effectively to any project, procedure, or service in the transportation field for government or private organizations.

## Yes! I Will Join SAVE International!

SAVE International offers easy membership options. Select the option that best suits your needs.

- Individual.....\$150/Year
- Regular Corporate Membership (includes 2 individuals)..... \$415/Year
- Sustaining Corporate Membership (includes 5 individuals).....\$1,065/Year

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Preferred Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

URL \_\_\_\_\_

### Payment Information:

- Check\*       Visa
- MasterCard     American Express

Card No. \_\_\_\_\_

Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

\*Make check payable to SAVE International.