

VALUE ENGINEERING WORKSHOP

This course consists of the study of actual highway projects with the objective of cost reduction and product improvement (operation, energy, safety, maintainability, etc.) through value analysis. Principal work activities would be selection of high cost areas of poor value from within the overall study project; identification of required functions so that unnecessary or redundant, but costly, functions can be eliminated; through creative speculation, develop a broad list of alternatives to satisfy the required functions; evaluation of alternatives to identify the most cost-effective approach; further development of the best alternatives; and presentation of these alternatives to class participants and management. The overall objective of this course is to familiarize the participants with the systematic VE approach to problem solving.

Upon completion of the course, each participant should be able to understand the difference between VE and other cost reduction or problem-solving techniques, apply VE techniques individually, serve on a team conducting a VE study, and make significant contributions to the conduct of an agency's VE or cost management program.

DATE: October 5 – 8, 2021

TIME: 8:30 a.m. – 2:30 p.m.

FEE: \$450.00

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