

## Certifications

- Certified Value Specialists (CVS)
- Registered Professionals: Civil, Mechanical, Structural
- WOSB Small Business classification

## Professional Focus

- Workshop Facilitation in the following areas
  - Construction
  - Transportation
  - Environmental/Wastewater
  - Defense
  - New Product Innovation



Western Virginia Forensic Laboratory

## Overview

VBD has facilitation experience in facility design & renovation, transportation, environmental and wastewater, and new product development applications. We specialize in creative solutions generated through the VE multi-function team environment utilizing decision tools that help the team achieve the mission: creative solutions to difficult problems. We can construct a multi-disciplined team using your internal personnel or develop an independent team of competent professionals for peer review of your project.

VBD is focused on improving organizational value by analyzing your the project through the lens of functional analysis. Our professional facilitators guide team output to identification and resolution of difficult issues providing increased value to the project owner. To achieve outstanding results we utilize the tools of Function Analysis and Creative Alternative Generation.

Our facilitators are registered professionals within their discipline, in addition to the CVS certification, and have experience in leading teams that review technically complex issues using the SAVE six step Value Engineering methodology and the Choosing by Advantages (CBA) decision making system. For early stage project planning, we can provide technical facilitation for a Design Charrette to establish project direction, during design to ensure high value solutions, and once the design is complete leading VE workshops for Constructability and Sustainability reviews to ensure that the design delivers the greatest value for the project under consideration, and that the implementation plan is feasible. As a component of the project we can provide a Risk Analysis matrix as a natural extension of the VE review to identify major project risks, responsibilities, and effective mitigation strategies.

## Recent Projects

- CFPB Headquarters Renovation, Value Engineering Workshop, Washington, DC
- GRTC Bus Rapid Transit – Value engineering Workshop, Richmond, VA
- Big Springs Bridge - Value Engineering Workshop, Van Buren, MO
- Glenvar High School – Value Engineering Workshop, Roanoke, VA
- Western Virginia Forensic Laboratory – Value Engineering Workshop, Roanoke, VA
- Reston Station Intermodal Transportation facility-Value Engineering Workshop; Fairfax Co. VA
- Foothills Parkway-Value Engineering Workshops; Great Smoky Mountain National Park, Gatlinburg, TN
- Rehabilitation of Newfound Gap Road – VA/CBA Workshop, Sevier County, TN
- OTC Quarters-Value Engineering Design Charrette; Naval Station Newport, NJ
- Bonneville Wastewater Treatment Plant; Value Engineering Workshop, Bonneville, OR
- Mississippi River Diking Program Mississippi River and Tributaries, VE Workshop; Vicksburg, MS to Memphis, TN

## Services Include

- |                                |                                     |                                     |
|--------------------------------|-------------------------------------|-------------------------------------|
| -Value Engineering Workshops   | -Risk Analysis and Mapping          | -FA/FAST/LCCA/CBA training          |
| -Value Based Design Charrettes | -Constructability Reviews           | -VE program development             |
| -Value Analysis CBA workshops  | -SAVE certified Mod I & II training | -Professional Workshop Facilitation |