

Value Based Design, llc

522 Hilliard Drive, Suite A

Fayetteville, NC 28311

“Excellence in Value Engineering”

910.322.4661

ValueBasedDesign.com

Certifications

- Certified Value Specialists (CVS)
- Registered PE (Mechanical)
- WOSB Small Business classification

Professional Focus

- Workshop Facilitation in the following areas
 - BoR/FS/NPS project focus
 - Rehabilitation
 - Historic Preservation
 - Conservation
 - Sustainable Design
 - Streetscape Design
 - Adaptive-Reuse
 - Facility Construction
 - Transportation
 - Environmental/Wastewater



Big Spring Bridge, Van Buren, Missouri

Overview

VBD has Value Analysis/Value Engineering (VA/VE) project facilitation experience specializing in creative solutions generated through the VA/VE multi-function team environment utilizing decision tools that help the team achieve the mission: creative solutions to difficult problems. We have experience in achieving high value solutions based on qualitative factors typical of most BoR/NPS/FS projects, including rehabilitation, historic preservation, conservation, sustainable design, streetscape design, and adaptive-reuse projects. We have successful experience in both in-person and virtual formats.

VBD is focused on improving organizational value by analyzing your project through the lens of function analysis. To achieve outstanding results, we separate the workshop into Divergent Thinking (collaborative space) and Convergent Thinking (independent space) components. The virtual format brings the ability to collaborate with large groups to the VE workshop, allowing Stakeholders (Project Managers, SMEs, Users), the Design Team, and the VE Team to all participate fully - the *Integrated VE Team*. It is typical to have 20-30 participants in a hybrid/virtual workshop, with some as large as 50, providing a valuable exercise for the design team to hear the questions, positive comments, and concerns that flow from these discussions.

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 Methodology and the CBA decision making process. For early-stage project planning, we can provide a VE Design Charrette to establish project direction, during design a traditional VE workshop, and once the design is complete leading full VA workshops to evaluate alternatives. As a component of the project, we can provide a Risk Analysis as a natural extension of the VA review to identify major project risks, responsibilities, and effective mitigation strategies. We have excellent success combining a VE workshop as an integrated component of the 35% Design Review.

Recent Projects

- DC Playgrounds Design Project Value Analysis (VA) Workshop, Location: Washington, DC
- Buck Hall Campground Renovation, VA Workshop, McClellanville, SC
- Kennesaw Mountain National Battlefield Traffic and Safety Assessment, Cobb County, GA
- Rehabilitation of Gatlinburg Tunnel Through Big Ridge Mountain Virtual Study, Sevier County, TN
- Prince William Forest Park Route 234 Entrance Parking & Trail Improvement Study, Prince William County, VA
- Little Bighorn Battlefield National Monument Visitor Center – Crow Agency, Montana
- Big Spring Bridge– VA/CBA Workshop NPS/EFLHD, Ozark National Scenic Riverways Van Buren, MO
- Chaco Culture National Historic Park – VA/CBA Workshop; Nageezi, NM
- Deep Creek Slide Stabilization – VA/CBA Workshop NPS/EFLHD, Great Smoky Mountain National Park, Gatlinburg, TN
- Foothills Parkway Missing Link-VE/CBA Workshops (3), NPS/EFLHD; GRSM, Gatlinburg, TN
- Mammoth Cave ADA Mobility Access Project – VA/CBA Workshops (2), Mammoth Cave, KY
- NPS Theodore Roosevelt Memorial Rehabilitate Site, VA/CBA Workshop, Theodore Roosevelt Island, Washington, DC
- Rehabilitation of Newfound Gap Road – VA/CBA Workshop, Great Smoky Mountain National Park, Tennessee

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Services Include

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

Stakeholder Testimonials

“Value Based Design did an outstanding job facilitating the VA process for our project. Their methodical approach helped our teamwork through complicated issues and build consensus around difficult decisions. We really appreciated VBD’s professional and flexible attitude and thorough reporting. Their work was instrumental in helping us move our project forward.”

Forest Service Recreation Program Manager - Buck Hall Campground Renovation VA Study - Awendaw, SC

The team from Value Based Design did an extraordinary job on the FY 23 MCA PN 88726 Secret Cyber & DoD Training Facility project. They were extremely prepared for the event and had thorough knowledge of the background information provided to them. They actively engaged with all the stakeholders and provided up to date information in their report. They worked extremely well with the Government’s Project Delivery Team and the project’s designer of record. They were well versed in the current design solution and were able to provide concrete viable value engineering proposals. The content of the report will be advantageous to the Government and US Army Cyber Center of Excellence leadership to make informed decisions on which VE proposals to implement potentially saving the Government over \$1M dollars. I would recommend for future work.

Sr. Project Manager

VE study took place during CDW, which allowed the user group, AE, and Government to collaborate during the storming/vetting stage of the project. Each party was able to work off the other’s ideas and provide a more holistic approach to the VE process compared to doing one subsequently after the other or further down the line; after a budget issue is already realized. Due to the benefit to the end user, this process will be incorporated on all their projects moving forward. VBD provided professional guidance to discussion during the CDW and lead the VE with great aplomb. We look forward to working with the VBD team on the next FRCSE endeavor.

Security Processing & Operations Center – FRCSE NAS Jacksonville, FL

Value Based Design exceeded expectations by delivering a superior Value Engineering (VE) package. They adjusted to the COVID crisis by developing and effectively leading the VE workshop using video conferencing. That presentation was focused and concise. The draft report presented both user ideas and those developed by the independent engineering team. The final report accurately captured not just the decisions but the discussion leading to those decision. Both the quality of the services and timeliness were outstanding

FSGA VOLAR Barracks Building 514, 515, 516, and 517 Renovation – Fort Stewart, GA

I am the representative for the end user who participated in the Value Engineering Study. Many design suggestions were found to add great value to the project and were concluded to be included in the design. Value Based Design steered the VE study discussions in a way to get the most out of all the participants. Many valuable design options were discovered and discussed, with plans in place to develop them in use for the design. Meetings were kept on task and on track by the facilitators.

Value Based Design did the complete study meeting with the participants virtually due to the COVID pandemic, and adjusted to the adversity well, not losing any project time, while still providing maximum value. Their ability to adapt to the fluid situation gave the project great value.

We expect a better, more efficient, and valuable design based on the work done in the Value Engineering Study. The end user would recommend Value Based Design to any company looking for a Value Engineering Team.

USAG Benelux Sterrebeek, Belgium Repurpose Buildings 80001, 80002, 80003