

5/16/2017

The 2017 update to the AASHTO Guidelines for Value Engineering has been published.

Not too many changes but some highlights of Chapter 6:

- Design Build – While not required, VE can be beneficial at various stages throughout a DB project
- Construction Management/General Contractor (CM/GC) – opportunities exist for VE in CM/GC project delivery
- Least Cost Planning – achieve the desired system performance targets for the least cost
- Practical Design – minimize improvements by focusing on improvements that deliver the highest return on investment
- Risk Assessment – natural relationship between VE and RA; review of project function; encourage creativity; identify risks; refine project expectations
- Constructability/Peer reviews – VE can be used as a format to drive the agenda for constructability reviews
- Alternative Technical Concepts (ATCs) – VE principles are used in the procurement process known as ATC.