To:

New York State Department of Transportation
ENGINEERING BULLETIN
Expires one year after issue unless replaced sooner

Title: PROJECT DEVELOPMENT MANUAL – REVISIONS TO APPENDIX 9, VALUE ENGINEERING IN DESIGN

Distribution:
☐ Manufacturers (18) ☐ Surveyors (33)
☒ Local Govt. (31) ☐ Consultants (34)
☒ Agencies (32) ☐ Contractors (39)

Approved:

Stephen A. Zargham, P.E.
Director, Design Quality Assurance Bureau

ADMINISTRATIVE INFORMATION:

- Effective Date: This Engineering Bulletin (EB) is effective January 08, 2015.
- Superseded Issuances: None.

PURPOSE: To update Appendix 9 of the Project Development Manual in accordance with the current federal regulations.

TECHNICAL INFORMATION:

- The requirements, for determining when Value Engineering (VE) studies are federally mandated, were relaxed in the VE provisions of the MAP-21 legislation, effective October 1, 2012.
- The revisions to PDM, Appendix 9 are as follows:

Replace the first paragraph of section 3.1. Federally Mandated VE Studies, with the following:

“Title 23 Code of Federal Regulations Part 627 contains a mandate requiring State Departments of Transportation to carry out a minimum of one VE study for each federally funded design-bid-build project on the NHS, in excess of $50 million for highway projects and $40 million for bridge projects. These threshold amounts represent the project’s overall cost, including costs associated with environmental studies, preliminary engineering, final design, ROW acquisition and construction.; and should consider all funding sources – federal, State and local. This mandate pertains to both State-let and locally administered federal aid projects. Design-Build projects and non-NHS bridge projects are exempt from this requirement.”

TRANSMITTED MATERIALS: None.
Revised PDM, Appendix 9 is available at:

BACKGROUND: MAP-21 changed the thresholds for projects for which a Value Engineering (VE) analysis is required. Section 1503(a)(3) of MAP-21 essentially doubled the thresholds for the total cost of projects requiring a VE analysis.

CONTACT: Questions regarding this revision should be addressed to Arvind K. Salgam (Arvind.Salgam@dot.ny.gov) of the Design Quality Assurance Bureau at (518) 457-9773.