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(ii) AWS D1.4/D1.4M:2011 Structural Welding Code—Reinforcing Steel, 2011.

(iii) AASHTO/AWS D1.5M/D1.5: 2015–AMD1, Bridge Welding Code, 7th Edition, Amendment: December 12, 2016.

(e) *Additional design resources.* The FHWA supports using, as design resources to achieve context sensitive designs, guides that national organizations develop from peer-reviewed research, or equivalent guides that are developed in cooperation with State or local officials, when such guides are not in conflict with Federal laws and regulations.

[62 FR 15397, Apr. 1, 1997, as amended at 67 FR 6395, Feb. 12, 2002; 69 FR 18803, Apr. 9, 2004; 71 FR 26414, May 5, 2006; 74 FR 28442, June 16, 2009; 80 FR 61307, Oct. 13, 2015; 83 FR 54880, Nov. 1, 2018; 87 FR 41, Jan. 3, 2022]

PART 626—PAVEMENT POLICY

Sec.

626.1 Purpose.

626.2 Definitions.

626.3 Policy.

AUTHORITY: 23 U.S.C. 101(e), 109, and 315; 49 CFR 1.48(b)

SOURCE: 61 FR 67174, Dec. 19, 1996, unless otherwise noted.

§ 626.1 Purpose.

To set forth pavement design policy for Federal-aid highway projects.

§ 626.2 Definitions.

Unless otherwise specified in this part, the definitions in 23 U.S.C. 101(a) are applicable to this part. As used in this part:

Pavement design means a project level activity where detailed engineering and economic considerations are given to alternative combinations of subbase, base, and surface materials which will provide adequate load carrying capacity. Factors which are considered include: Materials, traffic, climate, maintenance, drainage, and life-cycle costs.

§ 626.3 Policy.

Pavement shall be designed to accommodate current and predicted traffic needs in a safe, durable, and cost effective manner.

PART 627—VALUE ENGINEERING

Sec.

627.1 Purpose and applicability.

627.3 Definitions.

627.5 Applicable projects.

627.7 VE programs.

627.9 Conducting a VE analysis.

AUTHORITY: 23 U.S.C. 106(e), 106(g), 106(h), 112(a) and (b), 302, 315; and 49 CFR part 18.

SOURCE: 79 FR 52975, Sept. 5, 2014, unless otherwise noted.

§ 627.1 Purpose and applicability.

(a) The purpose of this part is to prescribe the programs, policies and procedures for the integration of value engineering (VE) into the planning and development of all applicable Federal-aid highway projects.

(b) Each State transportation agency (STA) shall establish and sustain a VE program. This program shall establish the policies and procedures under which VE analyses are identified, conducted and approved VE recommendations implemented on applicable projects (as defined in § 627.5 of this part). These policies and procedures should also identify when a VE analysis is encouraged on all other projects where there is a high potential to realize the benefits of a VE analysis.

(c) The STAs shall establish the policies, procedures, functions, and capacity to monitor, assess, and report on the performance of the VE program, along with the VE analyses that are conducted and Value Engineering Change Proposals (VECP) that are accepted. The STAs shall ensure that its sub-recipients conduct VE analyses in compliance with this part.

§ 627.3 Definitions.

The following terms used in this part are defined as follows:

(a) *Bridge project.* A bridge project shall include any project where the primary purpose is to construct, reconstruct, rehabilitate, resurface, or restore a bridge.

(b) *Final design.* Any design activities following preliminary design and expressly includes the preparation of final construction plans and detailed specifications for the performance of construction work.