



Designers should incorporate these changes in projects being developed for the May 2023 PS&E Submittal.

Chapter 2: Project Management

Section 2-1 Introduction and Definitions

Section 2-5 Program vs. Project Management

Section 2-10 Performance Management

Section 2-15 Project Integration Management

Section 2-20 Project Type – Design/Planning

Overall updates to replace discussion of processes for specific project types with more general discussion of typical projects and project management concepts in alignment with updates to FDM Chapter 3. Added links to FDM 3-15 for detailed discussion of Federal Major and High-Profile project processes. Updated terminology used in Chapter 2 to be consistent throughout FDM and labeled links that are WisDOT internal only. Removed sections 2-15-5 Project Management Plans on Mega Projects, 2-15-10 Project Financial Plans, 2-15-15 References, and Attachment 10.1.

Chapter 3: Facilities Development Process

Section 3-1 Process Overview

Removed optional Operations Certification under 3-1-10.5.4. Updated guidance in Attachment 1.2, Facilities Development Process Phase Activities.

Section 3-15 Complex or Unique Projects

Significant changes to the section and its attachments. Updating to provide clarification and supporting documentation for conventional, high-profile, and Federal Major projects. Deleted Attachment 10.1.

Section 3-20 Local Program Bridge

Added beam guard guidance in 3-20-1.2.1, Roadside Barrier on Local Program Bridges.

Chapter 7: Access Control

Section 7-35 Corridor Access Management

Updated guidance slightly in 7-35-10.2, Traffic Impact Analyses (TIAs).

Chapter 11: Design

Section 11-3 Community Sensitive Design

Attachments 5.5 and 5.6 – changed AASHTO to 2018 Geometric Design of Highways and Streets (GDHS).

Section 11-4 Reports

Updated guidance to reflect updates made by Asset Management to FDM 11-38-10 in the Concept Definition Report, also known as Attachment 1.1.

Section 11-10 Design Controls

Attachment 5.6 – added 7th edition to source.

Attachment 5.8 and 5.9 – updated * note to references from the 2018 green book.

Section 11-15 Cross-Section Elements for Modernization Projects on Rural Highways, Freeways and Interstates

Attachment 1.19 - added 2018 to table.

Section 11-20 Cross Section Elements for Modernization of Urban Highways

Footnote updates, Attachment 1.8 – update date of Roadside Design Guide (RDG).

Section 11-40 Perpetuation and Rehabilitation Requirements for Highways

Eliminated the use of the word “optional” with respect to the Operations Certification Process in 11-40-1.4 to avoid confusion. Attachments 7.1 and 7.7 – updated date of Roadside Design Guide (RDG).

Section 11-45 Other Elements Affecting Geometric Design

Updated guidance in 11-45-10, Roadside Design Application – Improvement Strategy, and deleted Attachment 10.1 due to change in policy. Hardware will not just be removed but will be removed after its useful life.

Section 11-46 Bicycle and Pedestrian Accommodations

Attachment 20.4 – updated Geometric Design of Highways and Streets (GDHS) to 2018.

Section 11-52 Traffic Engineering and Operations

Eliminated the use of the word “optional” with respect to the Operations Certification Process to avoid confusion.

Section 11-55 Special Features

11-55-20 Overhead Sign Structures:

1. Updated sections to include language for standard butterfly sign structures including Figure 20.2.3.
2. Clarify requirements for contractor designed structures throughout.
3. Corrected minor grammar, errors, or formatting issues throughout, including Figures 20.2.4 and 20.2.5.

Attachment 20.1:

1. Updated description of butterfly structures to note new standards.

Chapter 12: Right-of-Way Plat and Exhibit Development

Section 12-1 General

Updated guidance in 12-1-5, Existing Features, and 12-1-35, Right-of-Way GIS Modernization. Also added new Attachment 35.1, R/W Modernization GIS Project Deliverables.

Section 12-10 Transportation Project Plat Preparation

Updated guidance in 12-10-1, Guidelines, 12-10-10, Recording the Plat, and 12-10-25, Plat Deliverables.

Section 12-15 Traditional Right-of-Way Plat Preparation

Added guidance regarding Compensable Utilities in 12-15-1.7.2, and updated guidance in 12-15-25, Plat Deliverables.

Chapter 14: Pavements

Section 14-10 Pavement Design

Added a row, Cracked & Seated Concrete, into the Structural Layer Coefficients table with Attachment 10.1.

Section 14-15 Pavement Type Selection

Updated Attachment 25.1 and working file.

Chapter 15: Plan Preparation

Section 15-1 Standards

Updated plan sheet coordinate language to match Civil 3D sheet templates. Changed “Cross-section matchlines” to “Earthwork matchlines” on plan sheets.

Section 15-5 Methods

Updated sheet type on page 3 of Attachment 3.3, from cross section matchlines to earthwork matchlines.

Chapter 17: Railroad Coordination

Section 17-50 Contract Administration

Deleted previously privately-owned rail lines that are now WisDOT-owned.

Chapter 19: Plans, Specifications, and Estimates

Section 19-5 Estimates

Changed references from "lump sum" to "single unit" bid item measurements throughout section.

Section 19-15 Special Provisions

Revised 19-15-55, 19-15-80, and 19-15-90 to conform with latest STSP and ASP information.

Section 19-21 Quality Management Program

Under 19-21-5, Use of Standard Special Provision and Incentive Item QMPs, added guidance regarding HMA pavements, frontage, and side roads.

Section 19-40 Review

Updated Exhibit 1.2, Standard Detail Drawings, for the upcoming PS&E Project Letting Process.