



Designers should incorporate these changes in projects being developed for the November 2021 PS&E Submittal.

Chapter 2: Project Management

Section 2-1 Introduction and Definitions

Updated name of unit responsible for the chapter (old - Proposal Management, new - Project Management). TPMS, Transportation Project Management System, is referred to as a discipline rather than the name of a unit managing that discipline. FDP terms and four main phases are updated in the section. The project management methodology using PMBOK® project management principles and knowledge areas was updated. Mega projects definition is updated to include current definition and details of major and mega projects. Reference to a BPD design management team and the responsibilities have been incorporated and replaces the PMSC – Project Management Steering committee. Attachments 1.1, 1.2 and 1.3 have been deleted with some content incorporated in this or other sections of FDM Chapter 2.

Section 2-5 Program vs. Project Management

Updated Division mission to align with current program and project management oversight, including functional area program and project management.

Section 2-10 Performance Management

Updated the DTSD personnel role in performance management of programs and projects.

Section 2-15 Project Integration Management

Updated to reduce repetition within FDM Chapter 2. FDP terms and four main phases are updated in the section. Attachment 1.2 has been deleted with some contents incorporated in this or other sections of FDM Chapter 2. Mega and Major Project background, definition and details for project management plans have been updated. Mega and Major Project background, definition and details for project financial plans have been updated. A new Attachment 10.1 FHWA Major Projects Requirements Timeline has been incorporated into the section.

Section 2-20 Project Type - Design/Planning

This entire section has been re-written and organized to align with the PMBOK® project management knowledge areas: Scope, Stakeholder, Communication, Budget, Risk, Schedule, Resource, Quality, Procurement, and Change Management. Each knowledge area subsection includes an overview WisDOT procedures details, and other explanatory information. Some details of all the attachments have been incorporated into table matrices to explain details of the knowledge areas for inputs, tools or techniques, and resulting outputs for standard, high profile, and mega projects. Attachments 1.1, 5.1 – 5.8, and 15.1 have been deleted with some contents incorporated in this or other sections of FDM Chapter 2.

~~Section 2-25 Design Phase~~

~~This section has been deleted with some contents incorporated in parts of FDM Chapter 2.~~

~~Section 2-30 Construction Phase~~

~~This section has been deleted with some contents incorporated in parts of FDM Chapter 2.~~

Chapter 3: Facilities Development Process

Section 3-20 Local Program Bridge

Section 3-20-1 is updated to describe the new Bridge Approach Length Justification Policy for projects in the Local Bridge Improvement Assistance Program. The previous “Replace-in-Kind” policy allows up to 100-feet of approach work to be included in the project application. The new policy allows up to 300-feet of approach work to be approved at application. Attachment 1.1 is also modified to include a table to better describe the approval of various approach lengths.

Chapter 11: Design

Section 11-4 Reports

Removes confidential financial information from the template that should only be referenced through a secured link. The format of the Final Scope Certification template was rearranged to flow better. The template has been updated to include Concept Code and Design Criteria fields to match the updates made in FIIPS and to add a reference to Safety Sites of Promise to the Safety Certification Document section. Under the Schedule and Budget section, several dates were added to the Milestone Schedule listing and the major bid item estimate link was moved into this part of the template. The BOSCD portion was updated to give more information when there are no structures or structure work is being done under another project. The Performance Measure section was renamed to be Risk and Performance Management and updated to reflect project level performance information, as well as adding risk and mitigation related questions.

Section 11-38 Safety Certification Process

Updated Figure 10.6, Crash Analysis Configuration, in 11-38-10, WisDOT Safety Certification Process. Updated file names in the Interactive Highway Safety Design Model (IHSDM) table. Added a reference in 11-38-99.

Section 11-45 Other Elements Affecting Geometric Design

Updated image in Attachment 30.23, Partial Removal of Middle Section of an Older Barrier Section.

Section 11-50 Traffic Control

Changed a due date in 11-50-45.2 Pavement Marking Selection.

Chapter 19: Plans, Specifications, and Estimates

Section 19-1 Introduction

Updated Attachment 1.5, Proposal Preparation Process Schedule.

Section 19-5 Estimates

Added new bid items to section 19-5-3.1. Removed Flagging item and references to Standard Specifications 531 and 532, Ancillary Structures. Removed 19-5-3.2 Usage Guidance wording regarding weather zones under Cold Weather Marking Epoxy.

Section 19-10 PS&E Transmittal and Composition

Updated location where form can be accessed in 19-10-43, Table 43.3, and Attachments 43.1 and 43.6.

Section 19-21 Quality Management Program

Updated guidance in 19-21-2.2.3 to define when to apply incentives; added new bid items: Incentive Compressive Strength Concrete Pavement and Incentive Flexural Strength Concrete Pavement.

Section 19-40 Review

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

Chapter 22: Air Quality

Section 22-1 General

Updated contact information in 22-22-1 Originator section.

Section 22-20 Construction Emissions

Updated year and hyperlink for Standard Specification information in 22-20-3 Other Considerations section.

Section 22-25 Documentation of Air Quality Impacts

Updated guidance in 22-25-4.2 Categorical Exclusion Checklist and deleted Programmatic Categorical Exclusion Checklist guidance.