



FDM 1-1-1 Purpose

November 29, 2007

1.1 Originator

The Chief of the Roadway Standards and Methods Section is the originator of this chapter. All questions and comments concerning this chapter should be submitted to the Manual Development Engineer (608) 266-8371, or email mark.zander@dot.wi.gov

1.2 Application

In accordance with [Attachment 1.1](#), this manual provides policy, procedural requirements, and guidance encompassing the facilities development process within the Wisconsin Department of Transportation, Division of Transportation Systems Development (DTSD). It is applicable to all types of highway improvements on the state trunk highway system, other street/highway systems for which federal-aid highway funds may be utilized, state facilities road systems funded with state funds administered by the department, and other highways and roads for which the department may act as an administrative agent. Adherence to the requirements contained herein will provide for the uniform development of highway systems and contact plans that reflect sound engineering practice and sensitive environmental concern.

Policy statements of a general nature follow this page. Statements conveying specific policy and standard procedural requirements are located within the subject areas to which they apply.

1.3 Chapter Responsibility

There are many organizations in the division that contribute to this manual. Therefore, to help readers with any questions they may have concerning the contents of the various chapters, the following list is provided to show the organizations and persons responsible for originating the guidance found in specific manual chapters.

Chapter	Originator
1 & 2	Bureau of Project Development (BPD), Chief, Roadway Standards & Methods Section
3 & 4	BPD, Chief, Project Services Section
5 & 6	Bureau of Technical Services (BTS), Environmental Process and Documentation Section
7	Bureau of Technical Services (BTS), Chief, Acquisition and Services Section
8	BPD, Chief, Consultant Services Section
9	BTS, Chief, Surveying and Mapping Section
10	BTS, Chief, Environmental Services Section
11	BPD, Chief, Roadway Standards and Methods Section
12	BTS, Chief, Surveying and Mapping Section
13	BPD, Chief, Roadway Standards & Methods Section
14	BTS, Chief, Materials Management Section
15	BPD, Chief, Proposal Management Section
16	Vacant
17	Bureau of Transit, Local Roads, Railroads and Harbors (DTLRRH) Chief, Railroads and Harbors Section
18	BTS, Chief Acquisition & Services Section
19	BPD, Chief, Proposal Management Section
20-26	BTS, Environmental Process and Documentation Section
27	Bureau of Highway Maintenance (BHM), Chief Highway Maintenance and Roadside Management Section

1.4 Update Procedure

This manual is intended to be a living document; hence, it will be revised periodically to reflect new requirements. It will also be changed to make it more useful to its readers. The procedure to revise the manual is explained below.

1. Notify Originator: WisDOT staff should contact the originator of the chapter. They should explain any problems or errors they perceive with the manual and provide the originator with a proposed solution. The key is to be specific in identifying what the problem is, where it exists in the manual, and how you think it can be fixed. Send a copy of any written communication with an originator to the Manual Development Engineer (address below).
2. Research Issue: The originator will research the issue. This may involve coordinating with other agencies to ensure the proposed solution does not conflict with other requirements in the manual.
3. Draft Changes to the Manual: The originator will draft changes to their chapter and coordinate with other chapter originators to ensure the change is incorporated into other chapters as necessary.
4. Edit and Publish Changes: The Manual Development Engineer will edit the proposed changes and write the letter of transmittal. Staff from the Roadway Standards & Methods Section will prepare necessary graphics. Text, graphics and cover letter will then be published.

Manual holders who are not WisDOT staff should address their concerns first to the appropriate region office if possible. If the problem cannot be resolved there then they should contact the Originator of the chapter in question.

1.5 Administrative Procedures

All administrative matters concerning the manual should be addressed directly to the Manual Development Engineer. Examples of matters that should be brought to his/her attention are:

1. Requests for access to the online manual.
2. Changes of contact person to receive manual update notices.

The mailing address of the Manual Development Engineer is:

Manual Development Engineer
Bureau of Project Development,
Room 651
P.O. Box 7916
Madison, WI 53707-7916

The email address is given on page 1.

1.6 Outside References

1.6.1 AASHTO

This manual makes extensive use of other documents as sources of guidance. Many of these other documents are published by the American Association of State Highway and Transportation Officials (AASHTO). To obtain any of the AASHTO publications referenced in this manual, please call (202) 624-5900 and ask for publications. AASHTO publications can also be purchased from their on-line bookstore at: <http://www.aashto.org/>

Note:

- WisDOT organizations may submit purchase orders with their order forms.
- Everyone else must pay in full at the time they order documents.

1.6.2 Federal Aid Policy Guide (FAPG)

The Federal Aid Policy Guide is a combination of two sources of guidance.

- Chapter 23 (Highways) of the Code of Federal Regulations and
- Non-regulatory supplements.

Together they provide a valuable tool to help designers prepare their projects in conformance with federal requirements. The FAPG can be viewed on the internet at the following location:

www.fhwa.dot.gov/legsregs/directives/fapgtoc.htm

LIST OF ATTACHMENTS

[Attachment 1.1](#) Coordination of Design Development Activities

5.1 Definitions

FDM:Facilities Development Manual.

- Manual: All 26 chapters comprising a complete manual.
- Volume: A "book" or binder containing a grouping of manual chapters.
- Chapter: A main divisional unit of the Manual addressing a predetermined topic.
- Section: A grouping of related subjects (procedures) within a chapter.
- Subject: A titled subdivision of a chapter, commonly referred to as a procedure, which addresses specific procedural requirements or policy.

5.2 Procedure Numbering

Procedure numbering is related to the Manual's organization. The FDM is divided into topical chapters, with each chapter being a collection of subjects that are grouped for ease of location into related areas called "sections." The hierarchy of division is as follows:

CHAPTER - (major manual division unit)
 SECTION - (grouping of subjects within a chapter)
 SUBJECT - (smallest chapter subdivision)

Chapters, sections, and subjects are numbered. The combination of a subject number and its corresponding section and chapter numbers is known as a "procedure number." An example of a procedure number is shown below.

Chapter Number ↓	Section Number Within a Chapter ↓	Subject Number Within a Section ↓
23 - 10 - 1		