



U.S. Department
of Transportation

**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Transmittal 16, Revision to the FLH
Project Development and Design Manual (PDDM)

Date: December 29, 2014

From: Joyce A. Curtis 
Associate Administrator for
Office of Federal Lands Highway

In Reply Refer To:
HFDP-1

To: Federal Lands Highway Division Directors

TRANSMITTAL No. 16

This memorandum transmits the revised PDDM.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Chapter 10	3/2008	Chapter 10	12/2014	Minor updates throughout, added Section 10.3.8 on Non-Destructive Evaluation.

The updated PDDM with these chapter changes can be accessed at the FLH website located at <http://flh.fhwa.dot.gov/resources/manuals/pddm/>.

If there are any questions, please contact Mr. Richard Seabrook, Design Champion, Office of Program Development at (202) 366-9490.

cc: FLH Directors, FLH Discipline Champions



U.S. Department
of Transportation

**Federal Highway
Administration**

Memorandum

Subject: **ACTION:** Transmittal 15, Revision to the
Federal Lands Highway (FLH)
Project Development and Design Manual
(PDDM)

Date: January 23, 2014

From: Terry K. Haussler
Director, Office of Program Development

In Reply Refer To:
HFPD-3

To: Federal Lands Highway Division Engineers

This memorandum transmits revisions to the PDDM.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Chapter 1	3/2008	Chapter 1	7/2012	Revised Sections 1.1.4, 1.1.5, 1.2.5, and 1.4.1.
Chapters 3 & 6 Chapter 5 Chapter 12	3/2008	Chapters 3 & 6 Chapter 5 Chapter 12	7/2012 9/2012 12/2012	Changed or removed links to obsolete resources
Chapter 4	3/2008	Chapter 4	7/2012	Modified text of Sections 4.3 and 4.6 to 4.9
Chapter 7	3/2008	Chapter 7	12/2012	Modified text of Sections 7.1 and 7.3 to 7.5
Chapter 9	3/2008	Chapter 9	8/2012	Updated entire chapter

These changes have been added to the web site copy of the PDDM located at <http://flh.fhwa.dot.gov/resources/manuals/pddm/>.

If you have any question, please contact Mr. John Seabrook P.E., Design and Project Delivery Engineer at (202) 366-9490.

cc: FLH Directors, FLH Discipline Champions



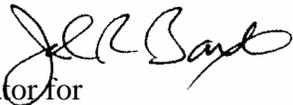
U.S. Department of Transportation

Federal Highway Administration

Memorandum

Subject: **INFORMATION:** Transmittal 14, Revision to the Federal Lands Highway (FLH) Project Development and Design Manual (PDDM)

Date: February 8, 2008

From: John R. Baxter, P.E. 
Associate Administrator for
Office of Federal Lands Highway

In Reply Refer To: HFPD-3

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 14

This memorandum transmits the revised PDDM.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Chapters 1 to 11	5/2005	Chapters 1 to 13	3/2008	Complete content revision to all chapters, new chapters on Pavements (Chapter 11) and Right-of-way (Chapter 12).

The WFLHD is adding this change to their web site copy of the PDDM located at <http://www.wfl.fhwa.dot.gov/design/manual/>.

The PDDM is approved for the FLH use through the Federal Lands Highway Office of Program Development. The PDDM has gone through a rigorous review and update by the Functional Discipline Leaders (FDL) and associated cross divisional teams.



The PDDM has been reviewed by the Divisions, certified by the FDLs, assured as valid by the FDL's respective supervising directors and recommended for approval by the Board of Directors.

The PDDM documents the FLH best practices and standards for project development and design to be followed both internally and by our A/E consultants.

The FLH has developed the 2008 PDDM to provide current policies and guidance for the interdisciplinary project development and design related activities performed by FLH Divisions and their consultants. It also serves as a guide for administrators, public officials and others, both within and outside FLH, who are responsible for advancing projects through the project development process.

Begin to explore and follow the manual at <http://www.wfl.fhwa.dot.gov/design/manual/>. Western Federal Lands is charged with maintaining the official link for the PDDM, however a link is provided through any of the Division's internet or intranet sites.

Directors and Branch Chiefs should discuss the PDDM with their staff and reinforce the manual as FLH's policy and guidance for project development and design.

If you have any question, please contact Mr. John Seabrook P.E., PMP, Design and Construction Operation Engineer at (202) 366-9490.

cc: FLH Directors, FLH Functional Discipline Leaders



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Transmittal 13, Revision to the FLH
Project Development and Design Manual (PDDM)

Date: JUN 13 2005

From: J.B. Wlaschin 
Director, Office of Program Development

Reply to
Attn. of: HFPD-1

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 13

This memorandum transmits the revised PDDM and updates to the FLH Standard Drawings.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Chapters 1 to 11	-	Chapters 1 to 11	6/10/2005	Minor corrections to all chapters, updated in dual units, re-formatted style for electronic publishing, hyperlinked, and 508 compliant.
Chapter 9, Exhibit 9.38	12/4/1998	Chapter 9, Exhibit 9.38	6/10/2005	New and revised standard drawings. (Revised List of Approved Standard Drawings and Description of Revisions to Standard Drawings.)

The WFLHD is adding this change to their web site copy of the PDDM located at <http://www.wfl.fhwa.dot.gov/design/manual/>. Standard drawings may be viewed at <http://www.wfl.fhwa.dot.gov/design/standard/>.

Attachments

cc: FLH Directors, FLH Functional Discipline Leaders



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Transmittal 12, Revision to the FLH
Project Development and Design Manual (PDDM)

Date: **NOV 28 2000**

From: J.B. Wlaschin ^{for} *B.M.L.*
Director, Office of Program Development

Reply to
Attn. of: HFPD-1

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 12

This memorandum transmits the revised Chapter 7 and a minor correction to Chapter 9.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Chapter 7	6/13/1996	Chapter 7	11/10/2000	Revises all of Chapter 7 including the index and exhibits
Chapter 9, page 129	6/13/1996	Chapter 9, page 129	11/10/2000	Corrects dimensions of letter sized sheet

The WFLHD is adding this change to their web site copy of the PDDM. The address of this site is <http://www.wfl.fhwa.dot.gov/projects/pddm/pddm.pdf>.

Attachments

cc: Jose Ramirez



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Transmittal 11, Revision to the FLH
Project Development and Design Manual (PDDM)

DEC 4 1998

From: Chief, Engineering and Operations Division

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 11

This memorandum transmits the revised Chapter 8 and approves one new and several revised standard drawings for inclusion in the PDDM. The electronic copies of the revised standard drawings have been forward directly from the WFLHD.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Chapter 8	6/3/1996	Chapter 8	12/4/1998	Revises all of Chapter 8 including the index and exhibits.
Chapter 9, Exhibit 9.38	1/15/1998	Chapter 9, Exhibit 9.38	12/4/1998	New and revised standard drawings. (Revised List of Approved Standard Drawings and Description of Revisions to Standard Drawings.)

A summary of the resolution of the comments, which includes each Division's incoming comments from the September 21 draft distribution of Chapter 8, is also attached. The WFLHD is adding this change to their website copy of the PDDM as well as the CD-ROM Library version they are currently producing.



J.B. Wlaschin

3 Attachments



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Transmittal 10, Revision to the FLH
Project Development and Design Manual

From: Chief, Engineering and Operations Division
Federal Lands Highway Office

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 10

This transmittal documents the approval of standard drawings for inclusion in the Project Development and Design Manual (PDDM). The electronic files and hard copies of the revised drawings are being forwarded directly from the WFLHD.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Index for Exhibit 9.38 Pages 1-4	9/8/1997	Index for Exhibit 9.38 Pages 1-4	1/9/1998	Revise Exhibit 9.38 Index to reflect new and updated standard drawings

The attached Index for Exhibit 9.38 includes the original approval date and latest revision date for each approved standard drawing. A summary is also attached that briefly describes the reasons for the current revisions.


J.B. Wlaschin

2 Attachments



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION**: Transmittal 9, Revision to the FLH
Project Development and Design Manual

From: Chief, Engineering and Operations Division
Federal Lands Highway Office

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 9

This transmittal documents the approval of 29 revised standard drawings for inclusion in the Project Development and Design Manual (PDDM). The electronic files (on CD ROM) and hard copies of the revised drawings are being forwarded directly from WFLHD. They are also available on the WFLHD's Web file server (Internet address ftp://198.145.188.2).

Most of the drawing changes were required due to the decision by the Concrete Reinforcing Steel Institute not to stock hard converted reinforcing steel sizes. The drawings reflect the comments received from the drafts that were forwarded for comments on January 9.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Index for Exhibit 9.38 Pages 1-4	6/3/1996	Index for Exhibit 9.38 Pages 1-4	9/8/1997	Revise Exhibit 9.38 Index to reflect revisions to standard drawings (sent separately)

Besides the revised Index for Exhibit 9.38, a table briefly describing the changes is also attached.



J.B. Wlaschin

2 Attachments



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Transmittal 8, Revision to the FLH
Project Development and Design Manual (PDDM)

From: Chief, Engineering and Operations Division
Federal Lands Highway Office

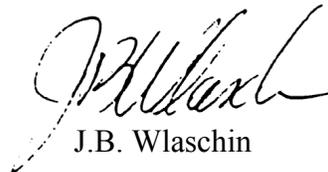
To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 8

Several revisions to the PDDM are underway, including the rewrite of several chapters. The current revision is the first since the electronic version was transmitted in June 1996. The WFLHD will include the revisions in the electronic version on their Web Page. The WFLHD is also continuing efforts to update the standard drawings for the reinforcing steel changes and will make the standard drawings and other exhibits in the PDDM available on CD ROM in the near future.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
Exhibit 8.3 Pages 1-3	6/3/1996	Exhibit 8.3 Pages 1-3	5/28/1997	Revise Exhibit 8.3 to reflect correct NCHRP Report number.

This change is needed to prevent users outside FLH from mistakenly believing that the aesthetic barrier systems noted have been tested under NCHRP 350. Currently, FLH has no plans to retest those systems under NCHRP 350. As new systems are developed, they will be tested under the criteria approved by FHWA at the time of testing.


J.B. Wlaschin

Attachment



U.S. Department
of Transportation
**Federal Highway
Administration**

Memorandum

Subject: **INFORMATION:** Electronic Metric Version
Project Development and Design Manual

From: Chief, Engineering and Operations Division
Federal Lands Highway Office

To: Federal Lands Highway Division Engineers

TRANSMITTAL No. 7

The metric version of the Federal Lands Highway Project Development and Design Manual (PDDM) is attached on floppy disks. Comments received from users of the August 1995 "Working Draft" have been incorporated. This metric version is intended to be kept only electronically. Information on extracting the compressed files is included on the attached Supplemental Information sheet.

DELETE		ADD		DESCRIPTION
Page(s)	Dated	Page(s)	Dated	
All (Chapter 1 through Chapter 11)	10/21/1988 to 6/29/1994	Chapter 1 through Chapter 11	6/3/1996	Metric Revision of Entire PDDM

Several chapters have comprehensive revisions underway or planned, and some exhibits are not included on the disks. The supplemental Information sheet also has the status of the revisions and exhibits.


Hugh B. Jones

3 Attachments

