

**Facilities Development Manual**

Wisconsin Department of Transportation

**Transmittal No. 372****Date: November 18, 2009****Subject: Revisions to Chapters 12, 14, 16, 19**

*NOTE: The links below will send you to the latest version of the subject document. Subsequent transmittals may have made other changes to the document that are not described below.*

*Where new text has been combined with old text, the new text appears **shaded**.*

**[FDM 12-10-3:](#)**

Added a new section of guidelines and examples to follow when creating transportation project plats that only delineate existing highway right-of-way.

**[FDM 12-10-15 Attachment 1:](#)**

Added Attachment 1 as an example of an amendment plat.

**[FDM 14-10-5:](#)**

Edited typos in PG Binder Selection Criteria for the upper layers of HMA. Also, added verbiage to clarify where the notched wedge longitudinal joint should be used. And, revised Attachment 5 to specify a ¾" notched wedge.

**[FDM 14-10-35:](#)**

Slight revisions to the last two paragraphs explaining when to tie the mountable curb and gutter to the truck apron and/or the circulatory roadway.

**[FDM 14-15-1:](#)**

Minor text editing for language consistency between WisDOT manuals.

**[FDM 14-15-10:](#)**

Minor text editing for language consistency between WisDOT manuals.

**[FDM 14-20-5:](#)**

Updated the material unit costs and unit bond amounts used for bond calculation.

**[FDM 14-25-15:](#)**

Minor text editing for language consistency between WisDOT manuals.

**[FDM 19-21-1:](#)**

Revised the use provision criteria for QMP Concrete Ancillary to include bid items in section 660 of the Standard Specifications.

**[FDM 19-40-1 Attachment 1](#)**

Updated listing with new Standard Detail Drawing version numbers.

## Chapter 16 Standard Detail Drawings

Implementation Schedule: These drawings will be included when applicable in plans scheduled for the February, 2010 PS&E due date Project Letting Process.

### **PROCEDURE 16-5-1, STANDARD DETAIL DRAWINGS**

[SDD 9C2-5, Concrete Bases, Types 1, 2 & 5 \(revised\)](#)

[SDD 9C7-3, Concrete Base, Type 6 \(revised\)](#)

[SDD 9C8-3, Concrete Base, Type 7 \(revised\)](#)

[SDD 9C9-3, Concrete Base, Type 8 \(revised\)](#)

Added the following note for nonbreakaway installation. "For nonbreakaway locations 4 ½ " +/- anchor rod projection with the use of leveling nuts, rodent screen required."

[SDD 9C3-3, Transformer/Pedestal Bases \(revised\)](#)

Added a detail showing the minimum washer size for use when installing pedestal bases.

[SDD 9C5-6, Concrete Control Cabinet Bases \(revised\)](#)

Deleted 2 – 3-inch conduits and added 1-1/4" conduit to the Type 10 Cabinet Base. Added 2 – 1-1/4 " conduits to the Type 6, 7, 8 and 9 Cabinet Bases.

[SDD 9D1-4, Cabinet Service Installation \(Meter Breaker Pedestal\) \(revised\)](#)

Added the following information:

- 1) Rating may vary for lighting.
- 2) Some pedestal lighting plans show main lug only.

[SDD 9E1-9a, Pole Mountings for Traffic Signals Type 2 \(revised\)](#)

[SDD 9E1-9b, Pole Mountings for Traffic Signals and Lighting Units, Type 3 \(Heavy Duty\) \(revised\)](#)

[SDD 9E1-9c, Pole Mountings for Traffic Signals and Lighting Units, Type 4 \(revised\)](#)

[SDD 9E1-9d, Pole Mountings for Lighting Units, Type 5 \(30 Feet\) \(revised\)](#)

[SDD 9E1-9e, Pole Mountings for Lighting Units, Type 6 \(35 Feet\) \(revised\)](#)

[SDD 9E1-9f, Pole Mountings for Lighting Units, Type 7 \(40 Feet\) \(revised\)](#)

[SDD 9E1-9g, Hardware Details for Pole Mountings \(revised\)](#)

Sheets "a" and "b" of this series have been revised to add clarification to mounting a signal head on a trombone arm with the use of serrated washers. The washers help hold the head in place when LED Modules are used. The entire series has been revised to version "9".

[SDD 15C8-12a, Pavement Marking \(Mainline\) \(revised\)](#)

[SDD 15C8-12b, Pavement Marking \(Intersections\) \(revised\)](#)

[SDD 15C8-12c, Pavement Marking \(Climbing Lane & Passing Lane\) \(revised\)](#)

[SDD 15C8-12d, Pavement Marking \(Left Turn Lane\) \(revised\)](#)

[SDD 15C8-12e, Pavement Marking \(Island, Stop Line & Cross Walk\) \(revised\)](#)

[SDD 15C8-12f, Pavement Marking \(Ramps and Gores\) \(revised\)](#)

[SDD 15C8-12g, Lane Drop Pavement Marking \(new\)](#)

[SDD 15C8-12h, Pavement Marking Major Split Freeway to Freeway \(new\)](#)

This series of Standard Detail Drawings has expanded by two sheets. Sheet "g", Lane Drop Pavement Marking and sheet "h", Pavement Marking Major Split Freeway to Freeway. The entire series has been revised to version "12".

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