



Standard Detail Drawings Updates

*Implementation Schedule: These drawings will be included when applicable in plans scheduled for the **November, 2017** PS&E due date project Letting process.*

Edits to the drawings are highlighted in red. On the backsides where new text has been inserted or combined with old text, the new text appears red.

[SDD Table of Contents](#) - summary list with new or edited SDDs highlighted.

[SDD 8D1-20](#) (Sheets A, B) - Concrete Curb, Concrete Curb and Gutter and Ties (revised)

Revise standard gutter cross slope to 4% and various curb and gutter applications. This standard detail drawing has been expanded to 2 sheets.

[SDD 8D3-7](#) - Concrete Surface Drains Drop Inlet Type at Structures (revised)

General note #6 has been modified by removing "Type R" from the geotextile fabric.

[SDD 8D5-19](#) (Sheets A to G) - Curb Ramps (revised)

Revised existing curb ramp sheets with additional general notes and dimensions. Add two new standard detail drawing sheets with radial detectable warning field applications. This standard detail drawing has been expanded to 7 sheets.

[SDD 9B16-1](#) - Pull Box Non-Conductive (new)

New item in the 2018 Standard Specifications. Non-conductive, no need to ground.

[SDD 9C11-10](#) - Concrete Base Type 10 (revised)

The standard detail drawing revised per compliance with Over Height Monotube Pole Type 9 and 10. Add more rebar to detail.

[SDD 9C12-9](#) (Sheets A, B) - Concrete Base Type 13 (revised)

The standard detail drawing revised per compliance with Over Height Monotube Pole Type 12 and 13. Add more rebar.

[SDD 9E12-1](#) (Sheets A to E) - Over Height Poles with Monotube Arms (new)

Monotube poles provide 20 foot vertical clearance. New pay item in 2018 standard specifications for OSOW routes.

[SDD 9H9-2](#) - Communications Vault Type 1 (revised)

Added tracer wire test station. Cover changed to read WisDOT ITS.

[SDD 9H10-1](#) - Communications Vault Type - Round (new)

New option for communication vault, round and adjustable height. New pay item in the 2018 standard specifications.

[SDD 9H14-1](#) - Wireless Detection Sensor Mounting (new)

New standard detail drawing for ITS wireless detection sensor mounting.

[SDD 9H15-1](#) - Mounted Controller Microwave Detector Assembly Installation (new)

New standard detail drawing for ITS microwave detector assembly installation.

[SDD 9H16-1](#) - Install Wireless Antenna (new)

New standard detail drawing for wireless antenna installation.

[SDD 14B7-15](#) (Sheets A to H) - Concrete Barrier Temporary Precast (revised)

Update drawings to clarify when and how to use temporary concrete barrier precast. New pay item for anchoring barrier on bridge deck in 2018 Standard Specifications.

[SDD 14B15-10](#) (Sheets A to C) - Steel Plate Beam Guard Class A (revised)

Update drawings due to delineation changes. Note projects LET after December 31, 2017 and installing new beam guard are to install MGS systems.

[SDD 14B24-9](#) (Sheets A to C) - Steel Plate Beam Guard Energy Absorbing Terminal (revised)

Minor system drawing changes. EAT marker post moved off the system. Note projects LET after December 31, 2017 and installing new beam guard are to install MGS systems.

[SDD 14B32-5](#) (Sheets A to E) - Concrete Barrier Single Slope (revised)

Update drawings due to delineation changes.

[SDD 14B41-3](#) (Sheets A, B) - Single Slope Roadside Retaining Wall (revised)

Update drawings due to delineation changes.

[SDD 14B42-5](#) (Sheets A to D) - Midwest Guardrail System Guardrail (revised)

Update drawings due to delineation changes. Under certain situations, a single post may be skipped to avoid underground obstructions.

[SDD 14B44-3](#) (Sheets A to C) - Midwest Guardrail System Energy Absorbing Terminal (revised)

Minor system drawing changes. EAT marker post moved off the system.

[SDD 14B53-1](#) (Sheets A to I) - Short Radius Beam Guard Midwest Guardrail System (MGS) (new)

New standard detail drawing set for short radius beam guard MGS.

[SDD 15A4-3](#) (Sheets A to D) - Flexible Delineator Post (revised)

Add a table for spacing and combined into one sheet for each type of delineator. Update bid items to match the 2018 standard specifications.

[SDD 15A7-2](#) - Object Marker for Hazardous Culvert (revised)

Add size of the object marker to the drawing.

[SDD 15C6-9](#) - Signing and Marking for Two Lane Bridges (revised)

Revise one of the notes. Change the bid items to match the 2018 standard specifications.

[SDD 15C7-14](#) (Sheets A to E) - Pavement Marking Symbols, Words and Arrows (revised)

Add the pedestrian (Ped) symbol to standard detail drawing. Update bid items to match 2108 standard specifications.

[SDD 15C8-18](#) (Sheets A, B) - Pavement Marking (revised)

Reduce this standard detail drawing from three sheets to two. Pavement Marking Islands moved to SDD 15C27. Revisions to sheet "a" and update bid items.

[SDD 15C11-7](#) (Sheets A, B) - Channelizing Devices (revised)

Sheet a, add provision for engineer to direct the use of bolts on flexible tubular markers. The new sheet b shows the basic dimensions and requirements for drums, barricades, 42-inch cones and vertical panels.

[SDD 15C12-6](#) - Traffic Control for Lane Closure with Flagging Operation (revised)

Add hand signaling device with dimensions to the drawing.

[SDD 15C14-3](#) - Aerial Enforcement Bars Pavement Marking Details (revised)

Revise general notes and update bid items.

[SDD 15C18-4](#) - Median Island Marking (revised)

Add a travel direction arrow to drawing and update bid items.

[SDD 15C21-8](#) - Signing and Marking Two Lane to Four Lane Divided Transitions (revised)

Combine all details into one. Update bid items to match 2018 standard specifications.

[SDD 15C26-3](#) - End of Roadway Signing (revised)

Combine all details into one. Update bid items to match 2018 standard specifications.

[SDD 15C27-2](#) (Sheets A, B) - Double Arrow Warning Sign Placement and Island Pavement Marking (revised)

Expand this standard detail drawing to two sheets. Update bid items.

[SDD 15C30-2](#) - Warranty Project Pavement Marking Details (deleted)

Delete this standard detail drawing.

[SDD 15C34-3](#) - Temporary Raised Pavement Markers (revised)

Add signing to the detail and reduce the number of markers needed. Update bid items.

[SDD 15D29-5](#) - Traffic Control, Vehicle Entrance/Exit or Haul Road (revised)

Add reference to 15C12 for flagging procedure.

[SDD 15D38-2](#) (Sheets A, B) - Temporary Traffic Control Sign Mounting (revised)

Name change from "Temporary Traffic Control, Fixed Message Signs" to "Temporary Traffic Control Sign Mounting".

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