



Iowa Department of Transportation
Highway Division

TO: Holders of Standard Road Plans
FROM: Office of Design
SUBJECT: Revision of Manual (English)

TRANSMITTAL DATE:
REVISION DATE: 10-20-15

INSTRUCTIONS: The attached Standard Road Plans have received approval and may be referred to in the plans by number. Questions concerning information contained on the Standard Road Plans should be directed to the Methods Section, Office of Design, telephone (515) 239-1727 or email daniel.harness@dot.iowa.gov.

Item Description	Description of Revision
Note	The following revisions are effective with the October 20, 2015 letting. Projects let prior to this date may reference earlier versions of these Standard Road Plans.
<p>BA INDEX</p> <p>BA-201</p> <p>BA-202</p> <p>BA-250</p> <p>DR INDEX</p> <p>DR-121</p> <p>DR-302</p> <p>DR-303</p> <p>DR-601</p> <p>DR-651</p> <p>EC INDEX</p> <p>EC-104</p> <p>EW INDEX</p> <p>EW-101</p> <p>EW-102</p> <p>EW-103</p> <p>EW-110</p> <p>EW-210</p> <p>EW-212</p> <p>EW-301</p>	<p>Added 12'-6" of nested W-Beam. MwRSF Report No. TRP-03-291-14 recommends placing 12.5 feet of nested W-Beam upstream of the assymetrical transition section in the BTS.</p> <p>Changed BTS post numbers to match changes to BA-201.</p> <p>Changed Steel Beam Guardrail Barrier Transition Section to 37'-6" and changed minimum VT1 to 53.125'. MwRSF Report No. TRP-03-291-14 recommends placing 12.5 feet of nested W-Beam upstream of the assymetrical transition section in the BTS.</p> <p>Added the option to install connectors on the inside of the pipe for belled concrete pipe joints.</p> <p>Changed reference from RF-19F to DR-305 in CASE "C".</p> <p>Changed text from full to fully in Note 5.</p> <p>Extended dimension lines on plan view.</p> <p>Changed picture to an RCP. RCP is assumed for calculating pipe length. Suggestion was made to show RCP on standard rather than CMP.</p> <p>Changed Soil Fill to Topsoil</p> <p>Replaced the DOT logo in the title block with the new version.</p> <p>Replaced the DOT logo in the title block with the new version.</p> <p>Replaced the DOT logo in the title block with the new version.</p> <p>Replaced the DOT logo in the title block with the new version.</p> <p>Modified note 2 and Section A-A.</p> <p>Replaced the DOT logo in the title block with the new version.</p> <p>Changed slope in front of guardrail from a 10 to 1 to match the slope of the adjacent shoulder. Added note 3 on Sheet 4. Section E-E used to show a 10:1 slope. Since 6:1 is traversable and recoverable, note 3 was added to add in some flexibility.</p>

EW INDEX cont.	
EW-302	Modified note 2. Added Designer Info button. Section A-A provides general information. Designers will need to include more detailed drawings to provide dimensions specific to the project.
EW-401	Corrected typo in note 4. Updated the DOT logo.
EW-402	Replaced the DOT logo in the title block with the new version.
EW-403	Replaced the DOT logo in the title block with the new version.
EW-501	Replaced the DOT logo in the title block with the new version.
EW-502	Replaced the DOT logo in the title block with the new version.
EW-503	Replaced the DOT logo in the title block with the new version.
LI INDEX	
LI-211	Switched anchor plate and slip-base call outs in plan view on sheet 1. Removed lock washers. Lock washers have been in the drawing for many years with no history as to why. They do not appear in FHWA approved slip base.
MI INDEX	
MI-101	Replaced the DOT logo in the title block with the new version.
MI-102	Replaced the DOT logo in the title block with the new version.
MI-103	Added Designer Info button.
MI-104	Replaced the DOT logo in the title block with the new version.
MI-210	Replaced the DOT logo in the title block with the new version.
MI-220	Changed dimension from track to detectable warning on sheet 3. Added note 3 to sheet 3.
MI-221	Replaced the DOT logo in the title block with the new version.
PV INDEX	
PV-12	Added note 2 on page 2.
PV-13	Added Sheet 3 with details for milled centerline rumblestrips at left turn lanes.
SW INDEX	
SW-102	Added horizontal elliptical and vertical elliptical pipe. SUDAS requested adding elliptical pipe.
SW-103	Added polypropylene pipe. SUDAS requested adding polypropylene pipe.
SW-538	Changed reinforcing layout on Sheet 2 and notes and frame detail on Sheet 4 to reflect new frame design. Rod Hultquist explained the frame was redesigned.
SW-562	Add details for grate and frame. Rod Hultquist from Neenah explained the casting used interferes with the rebar. He suggested using a somewhat smaller casting. It was added to the standard since it is unique to this standard.
TC INDEX	
TC-218	Added Flagger symbols, channelizer taper distance, and designer info button.
TC-252	Changed circle note 2 to circle note 3 and added a new circle note 2.