



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

TRANSMITTAL DATE:
REVISION DATE: 04-17-18

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@iowadot.us.

Item Description	Description of Revision
Note	The following revisions are effective with the April 17, 2018 letting. Projects let prior to this date may reference earlier versions of these Standard Road Plans.
BR INDEX BR-205 DR INDEX DR-111 DR-305 DR-401 DR-402 DR-501 DR-613	Changed D dimension from 1/2" to 2 1/2" for Sleeper Slab Bent Bar Shape on Page 2. Original drawings showed this dimension as 2 1/2 inches. Added Compacting Backfill Adjacent to Bridges, Culverts or Structures to Possible Contract Items and RCB Installation detail. Revised notes 3 and 4. Added new circle note 4 and renumbered old circle note 4 to 5 to allow concrete headwall to be used for Type A and B. Added a 3rd view on page 1 to show panel locations for non-skewed bridges. Added a 3rd view on page 1 to show panel locations for non-skewed bridges. Added Designer Info button. New. This was detail 1103 which was voided. Bridges and Structures asked us to bring it back.
EC INDEX EC-104 EC-105	Added Designer Info button. Changed Possible Contract Items to Transition Mat.
PR INDEX PR-120 PR-121	Modified to extend double reinforced pavement a minimum of 10 feet beyond limits of excavation. Modified circle notes. Added new circle note 8. Replace single reinforced concrete panel with double reinforced concrete panel.
SI INDEX SI-132	Added thickness dimension for post clip. Specified material for the post clip, and the nut, bolt, and washer fastening the post clip.

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SW INDEX	
SW-101	Replaced Iowa DOT and SUDAS logos.
SW-104	Replaced Iowa DOT and SUDAS logos.
SW-105	Replaced Iowa DOT and SUDAS logos.
SW-201	Replaced Iowa DOT and SUDAS logos.
SW-202	Replaced Iowa DOT and SUDAS logos.
SW-203	Replaced Iowa DOT and SUDAS logos.
SW-211	Removed 'Invert' callout on Pipe to Structure View. Retitled and replaced old Iowa DOT and SUDAS logos with new logos.
SW-301	Changed "Invert" to "Concrete Fillet".
SW-302	Replaced Iowa DOT and SUDAS logos. Changed "Invert" to "Concrete Fillet".
SW-303	Changed "Invert" to "Concrete Fillet".
SW-304	Replaced Iowa DOT and SUDAS logos. Changed "Invert" to "Concrete Fillet".
SW-307	Replaced Iowa DOT and SUDAS logos.
SW-350	Replaced logo. Modified general notes. Modified note 5 to change "model 41" to "Series 42 Hatch or equivalent".
SW-401	Changed 'Invert' callout to 'Concrete Fillet'. Updated linework and Sudas and DOT logo. Added color to the dimension lines.
SW-402	Changed 'Invert' callout to 'Concrete Fillet'. Updated line work and DOT and Sudas Logo. Added color to the dimension lines.
SW-403	Changed 'Invert' callout to 'Concrete Fillet'. Updated line work and DOT and SUDAS Logo. Added color to the dimension lines.
SW-404	Changed 'Invert' callout to 'Concrete Fillet'. Updated line work and DOT and SUDAS logo. Added color to the dimension lines.
SW-406	Changed 'Invert' callout to 'Concrete Fillet'.
SW-501	Changed 'Invert' callout to 'Concrete Fillet'. Updated DOT and SUDAS logo.
SW-502	Changed 'Invert' callout to 'Concrete Fillet'. Updated linework and Iowa DOT and SUDAS logo. Added color to the dimension lines.
SW-503	Changed 'Invert' callout to 'Concrete Fillet'. Updated linework and Iowa DOT and SUDAS logo. Added color to the dimension lines.
SW-504	Changed 'Invert' callout to 'Concrete Fillet'.
SW-505	Changed 'Invert' callout to 'Concrete Fillet'. Updated linework and Iowa DOT and SUDAS logo. Added color to the dimension lines.
SW-506	Changed 'Invert' callout to 'Concrete Fillet'.
SW-507	Added second insert drawing to include 4" curb. Changed 'Invert' callout to 'Concrete Fillet'. Modified circle notes. Deleted old circle note 1. Renumbered circle notes 2 through 5 as 1 through 4.
SW-508	Added second Insert drawing to include 4" curb, changed 'Invert' callout to 'Concrete Fillet', and modified circle notes. Deleted old circle note 1. Renumbered circle notes 2 through 5 as 1 through 4.

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SW INDEX (Con't.)	
SW-509	Added second Insert drawing to include 4" curb. Changed 'Invert' callout to 'Concrete Fillet'. Modified circle notes. Deleted old circle note 1. Renumbered circle note 2 as 1. Renumbered circle note 3 as 4. Renumbered circle note 4 as 5. Renumbered circle note 5 as 2. Renumbered circle note 6 as 3.
SW-510	Added second Insert drawing to include 4" curb. Changed 'Invert' callout to 'Concrete Fillet'. Modified circle notes. Deleted old circle note 1. Renumbered circle note 2 as 1. Renumbered circle note 3 as 4. Renumbered circle note 4 as 5. Renumbered circle note 5 as 2. Renumbered circle note 6 as 3.
SW-511	Changed 'Invert' callout location to end of pipe. Updated line work and Iowa DOT and SUDAS logo. Added color to the dimension lines.
SW-512	Changed 'Invert' callout to 'Concrete Fillet'.
SW-513	Changed 'Invert' callout to 'Concrete Fillet'. Updated line work and Iowa DOT and SUDAS logo. Added color to the dimension lines.
SW-514	Added dimension to back of grate. Updated line work and Iowa DOT and SUDAS logo. Added color to the dimension lines.
SW-538	Added a 3rd view on page 1 to show panel locations for non-skewed bridges. Added Designer Info button.
SW-541	Updated line work and Iowa DOT logo. Added detail for 4 inch sloped curb. Modified circle notes. Modified Bent Bar diagram and Reinforcing Bar List. Updated linework to color dimensions. Added new circle note 2. Renumbered old circle note 2 as 3. Added new c2 bar. Renamed old c bars 2 through 4 as 3 through 5.
SW-542	Modified general notes and circle notes. Added details for 4 inch sloped curb. Modified Reinforcing Bar List. Added detail for bar g5. Deleted second general note. Added new circle notes 1 and 2. Renumbered old circle notes 2 and 3 as 4 and 5.
SW-545	Modified circle notes. Updated line work and Iowa DOT logo. Added Sheet 4 for 4 inch sloped curb details. Added maximum pipe sizes. Renumbered circle notes 2 through 4 as 1 through 3. Added new circle note 4.
SW-546	Updated line work and Iowa DOT logo. Added concrete fillet detail and maximum pipe sizes. Added color to the dimension lines.
SW-547	Changed 'Invert' callout to 'Concrete Fillet'. Added maximum pipe size.
SW-548	Changed 'Invert' callout to 'Concrete Fillet'. Added table for Maximum Pipe Diameter for 2 Pipes.
SW-549	Changed 'Invert' callout to 'Concrete Fillet'. Added maximum pipe diameter.
SW-550	Added details for 4 inch sloped curb. Modified circle notes. Renumbered circle note 1 as 6. Renumbered circle note 2 as 1. Renumbered circle note 3 as 4. Renumbered circle note 4 as 5. Added new circle notes 2 and 3.
SW-562	Changed the title. Added a Concrete Fillet. Added maximum pipe size.
SW-563	New
SW-603	Added dimension to back of grate on Page 1. Replace Iowa Dot and SUDAS logos.
SW-604	Replace Iowa DOT and SUDAS logos.

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TC INDEX	
TC-61	Added Designer Info button. Changed circle note 7. Changed order of sign layout on pages 2 and 3. Removed "Yield" lines and callout on page 5. Changed circle note 7 to clarify speed. Changed order of sign layout on pages 2 and 3 to make them the same as similar standards. Moved speed limit sign closer to work area. Removed Yield lines and callout on page 5 since entrance acts as an acceleration lane.
TC-418	Added W3-5 signs and changed the order of sign layouts to move speed limit closer to work area at the request of the traffic committee.
TC-421	Changed the order of sign layouts.
TC-422	Added W3-5 signs and changed the order of sign layouts to move speed limit closer to work area at the request of the traffic committee.
TS INDEX	
TS-102	Changed the Anchor Bolts on Page 1 from bent to straight. Added Circle Note 3.