



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: 10-18-11

INSTRUCTIONS: The attached Standard Road Plans have received approval and may be referred to in the plans by number. Questions concerning the distribution of revisions to the manual should be directed to the Office of Document Services, telephone (515) 239-1940. Questions concerning information contained on the Standard Road Plans should be directed to the Methods Section, Office of Design, telephone (515) 239-1133 or email amy.tinken@dot.iowa.gov.

Item Description	Description of Revision
Note	The following revisions are effective with the October 18, 2011 letting. Projects let prior to this date may reference earlier versions of these Standard Road Plans.
BA INDEX	
BA-106	Changed 5g2 bar to 5g3 bar in the Reinforcing Bar List.
BA-107	Labeled 5d2 bars. Modified 'x' bar dimensions, and respective bar lengths and bar weights. Updated language in notes.
BA-200	Added Installation in Paved Surface detail and circle note 2. Clarified height at curb face.
BA-202	Added note to clarify lapping procedure for terminal section. Added bolt pattern details to sheet 2 and 3. Removed circle note 2.
BA-203	Changed to three post design and added materials included in the Contract Item.
BA-204	Changed block out size from 19" to 22". Clarified notes. Modified materials included in Contract Items.
BA-205	Modified Materials included in the Contract Item. Clarified drawings and notes.
BA-206	Reworded note 1. Clarified drawings. Modified materials included in Contract Items.
BA-250	Updated reference to renamed standards.
BA-251	Updated reference to renamed standards.
BA-252	Changed circle note under ET from 1 to 2. Updated standard reference. Modified End Anchor. Modified new Possible Tab.
BA-253	Updated references to renamed standards. Modified dimensioning on plan view.
EC INDEX	
EC-202	Updated to conform to new specification.
EW INDEX	
EW-201	Removed 'A' and 'B' points from centerline. Added 'W' points. Removed 'A' and 'B' numbers.
EW-202	Removed 'A' and 'B' points from centerline. Added 'W' points. Removed 'A' and 'B' numbers.
EW-203	Removed 'A' and 'B' points from centerline. Added 'W' points. Removed 'A' and 'B' numbers.
EW-204	Removed 'A' and 'B' points from centerline. Added 'W' points. Removed 'A' and 'B' numbers.

MI INDEX	
MI-102	Modified notes to conform with modified specifications. Added circle notes 4 through 8.
MI-104	Removed general notes covered by specs.
MI-210	Modified sidewalk general note and moved it to circle note 7. Shaded possible sidewalk.
MI-220	Modified layouts and designs.
MI-221	Combine with SUDAS. New design.
PM INDEX	
PM-111	Added EXIT to word markings.
PM-210	Added additional 'W' information and moved to circle note 2. Flush Medians: changed NPZ length table, changed DCY4 to NPY4 and removed 'W'.
PM-211	Removed offset information from general note.
PV INDEX	
PV-03	Modified HMA drawings. Added circle notes 1 and 2.
PV-12	Shaded all pavement for clarification.
PV-305	Modified 'W' dimension and moved shoulder labels on sheet 1 top detail.
PV-410	Added 'C' Joint and circle notes 7 and 8.
PV-411	Added 'C' Joint and circle notes 8, 9, and 10. Renumbered circle notes.
PV-412	Added 'C' Joint and circle notes 8 and 9.
PV-414	Added 'C' Joint and circle notes 9, 10, and 11.
RD INDEX	
RD-5	Void. Design controlled by appropriate railroad authority.
RD-6	Void. Design controlled by appropriate railroad authority.
RD-7	Void. Design controlled by appropriate railroad authority.
RF INDEX	
RF-01	Void. DOT will go to the AASHTO (and ASTM) Class (and equivalent) design.
RF-02	Modified circle note 5 to allow lift holes to be used for tie rods. Changed RF-1 reference to AASHTO M 170.
RF-03	Corrected 'A' dimension. Removed references to RF-1. Removed language added to Specifications.
RF-13	Removed reference to RF-1. Modified language.
RF-14	Added details to allow for alternate tie rods per revised Materials I.M. 451, table for connector bar sizes and circle note 3. Changed RF-1 references.
RF-21	Changed RF-1 reference to AASHTO M 170.
RF-26	New design. Added arch pipe sizes.
RF-41	Void. Use AASHTO M 206.
RF-42	Removed circle note 2 and replaced with 2 foot dimension. Modified 102 x 62 'A' dimension.

Revision to Manual (English)

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RK INDEX	
RK-20	Changed "U" Bar size on sheet 1 from #5 to #4 to match sheet 3. Added note 9. Changed curb.
RK-25	Changed "U" Bar size on sheet 1 from #5 to #4 to match sheet 3. Added note 9. Changed curb.
RK-26	Changed "U" Bar size on sheets 1 and 2 from #5 to #4 to match sheet 4. Added note 9. Changed curb.
RK-27	New.
RM INDEX	
RM-39	Modified and clarified general notes. Removed information covered by Specifications.
RM-42	Added allowance for slots with Type '1' handhole. Removed reference to RF-1.
RM-47	Corrected title spelling.
SI INDEX	
SI-113	Added alternate base plates.
SI-114	Modified Breakaway Brace weld size. Added size of welds on Section C-C, added alternate 2 and clarified dimensioning on Section B-B.
SI-131	Added Perforated Square Tube Post to Wood Post Installation detail.
SI-172	Changed face of curb reference.
SI-181	Added 'W' to match tab. Added general note and modified circle note 1 to clarify 'W'.
SI-182	Added to general notes that the three object marker types are equivalent. Added 'W' to match tab. Modified circle note 1.
SI-241	New. Replaces Details 9105 and 9106.
SW INDEX	
SW-509	Added circle note 5 and note for transitioning curbs. Clarified spacer dimensions and configuration.
SW-510	Added circle note 5 and note for transitioning curbs. Clarified spacer dimensions and configuration.
SW-545	Added "Type G" (casting) on sheets 1 and 2.
TC INDEX	
TC-01	Changed size of W21-6 sign. Updated language of general notes. Made into a color standard.
TC-030	Updated to color standard. Updated values in table.
TC-233	Adjusted amber light wording in general notes.
TC-283	Made into color standard. Changed size of signs to 48" X 48".
TC-416	Added circle note and sign names to prior "special" signs. Modified work area and signs (sht 1). Modified device spacing and shoulders on all sheets.
TC-417	Added Type III Barricade to page 1, location of yield sign, device spacing, and circle note 1. Changed offset of vertical panels on page 3.
TC-418	Updated traffic signs. Reworded general notes. Added circle note 4. Made into color standard.
TC-421	Removed LANE CLOSED 2000 FT sign. Made into color standard.
TC-422	Updated traffic signs. Reworded general notes. Made into color standard.
TC-433	Adjusted amber light wording in general notes.
TC-454	Added circle note 2. Updated to color. Removed W20-5 sign.
TC-601	New
TC-602	New