



**Iowa Department of Transportation**  
*Highway Division*

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

**TRANSMITTAL DATE: 05-15-07**  
**REVISION DATE: 10-16-07**

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 sent to the Methods Section at: [design\\_standards@dot.iowa.gov](mailto:design_standards@dot.iowa.gov).

Item	Description of Revision
*NOTE*	The following revisions are effective with the October 16, 2007 letting. Projects let prior to this date may reference earlier versions of these Standard Road Plans.
<b>RC INDEX</b>	Revised page 1.
RC-8B	Deleted Type 39 fence. Reorganized drawings for clarity.
RC-17	General rewrite for clarity. Added third general note. Added second sheet.
<b>RD INDEX</b>	Revised pages 1 and 2.
RD-6	Showed offsets from edge of shoulder.
RD-21A	Revised contract item. Reorganized drawing and added views.
RD-22C	VOID. Covered by Standard Bridge Plans.
RD-28	Renamed. Added wood post information.
RD-33	Renamed. Added steel breakaway details. Removed wood post information.
<b>RE INDEX</b>	Revised pages 1 and 2.
RE-29A	Renamed. General rewrite for clarity. Added note to tension one end only. Added retroreflective sheeting requirements.
RE-29C	General rewrite for clarity. Added retroreflective sheeting requirements. Replaced delineators with Type 2 object markers.
RE-69B	Showed 4" sloped curb on plan view. Corrected 'Detail A' and end section elevation.
RE-71	Updated anchorage details on sheet 3.
RE-76	Renamed. Changed adhesive sheeting requirements. Revised circle notes.
RE-89	NEW. Temporary Barrier Rail (Steel).
<b>RF INDEX</b>	Revised page 1.
RF-3	Renamed. Cleaned up notes and clarified tongue and groove end details.
RF-7	Added general note to allow use of plastic diaphragms.
RF-14	Added 'culvert' to the first general note.
RF-19E	Changed fill atop trench to Class 'A' Crushed Stone or Special Backfill.
RF-30A	Modified to show box culvert and TW dimensions correctly.

RF-32	Combined with RF-33. Now a two-page standard. Added entry to structural steel round pipe table.
RF-33	VOID. Combined with RF-32.
RF-38	Corrected general note. Renumbered circle notes on sheet 2.
RF-41	Renamed. Removed specifications language. Corrected dimensions for 24, 30 and 36 inch pipes.
RF-42	Removed specifications language. Added second sheet for larger aprons.
<b>RK INDEX</b>	Revised page 1.
RK-19B	Corrected spelling error in circle note 5.
RK-20	Modified table text and corrected arrows on sheet 1.
RK-25	Modified table text and corrected arrows on sheet 1.
<b>RL INDEX</b>	Revised page 1.
RL-7	Renamed. Modified to show only safety ramp. Changed safety ramp width.
RL-8	Reissued. Renamed. Now covers rural entrances.
RL-15	Renamed. Simplified profiles of berm transitions. Added shoulder offset.
RL-16	Modified notes to reflect changes in specifications.
RL-17	Renamed. Simplified profiles of berm transitions.
<b>RM INDEX</b>	Revised page 1.
RM-44	VOID. Pending redesign.
RM-45	VOID. Pending redesign.
RM-46	Added circle notes 2 and 3.
RM-47	General rewrite for clarity. Removed circle notes 4 and 5 and covered in the drawing.
<b>RR INDEX</b>	Revised page 1.
RR-4	Minor change in notes and joints specified.
RR-5	Minor change in notes and joints specified.
RR-14	Minor change in notes and joints specified.
<b>TC INDEX</b>	Revised pages 1 and 2.
TC-30	Modified speed limit table values and variables. Replaced Type III barricades with drums.
TC-61	Updated crash cushion information.
TC-202	Modified speed limit table values and variables.
TC-203	Modified speed limit table values. Clarified drawing.
TC-212	Modified speed limit table values and variables.
TC-213	Added spacing column E to table, changed spacing to 80 feet for higher speeds. Modified speed limit table values and variables. Removed Type III barricade.
TC-214	Added spacing column E to table, changed spacing to 80 feet for higher speeds. Modified speed limit table values and variables.

TC-215	Added longer distance to signal timing table. Modified speed limit table values.
TC-216	Added longer distances to timing table. Modified Work Area limits.
TC-217	Eliminated the Tapered End Section, replaced with a Temporary Crash Cushion. Added distances to the signal timing table. Modified speed limit table.
TC-228	Modified speed limit table values and variables. Removed Type III barricades.
TC-231	Modified speed limit table values.
TC-251	Modified speed limit table values.
TC-253	Modified speed limit table values.
TC-271	Modified speed limit table values.
TC-272	Modified speed limit table values.
TC-402	Modified speed limit table values.
TC-403	Modified speed limit table values. Clarified drawing.
TC-418	Moved Road Work Ahead sign on side road. Added two general notes. Modified speed limit table values and variables. Removed Type III barricades.
TC-419	Changed dual drum spacing to 1000 feet. Added two general notes. Modified speed limit table. Removed Type III barricades.
TC-420	General rewrite for clarity. Modified openings and spacing through ramps.
TC-421	Added second ROAD WORK sign. Modified speed limit table values and variables.
TC-422	Added two general notes and spacing variables E and S to table. Changed dual drum spacing to 1000 feet and modified table values and variables.
TC-423	Relocated REVERSE CURVE signs. Removed Type III barricade. Modified speed limit table values and variables.
TC-429	Changed dual drum spacing to 1000 feet. Removed Type III barricades. Modified speed limit table values and variables.
TC-431	Made arrow board optional on trailing vehicle. Added amber light note. Modified speed limit table values.
TC-451	Modified speed limit table values. Changed circle note 1.
TC-454	Modified speed limit table values and variables.