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MINNESOTA DEPARTMENT OF TRANSPORTATION	TRANSMITTAL LETTER NO. (01-03)
DEVELOPED BY: Design Standards	MANUAL: Standard Plates
ISSUED BY: Design Services Section	DATED: July 2, 2001
SUBJECT: Standard Plates 3137B, 3138B, 7035L, 7036E, 8105B, 8106B, and 9000D.	

Standard Plate 3137B– See the title and the fifth note down.

1. The title was changed from (Slotted Drain For 12" Thru 30" Dia. C.M. Pipe, 2-1/2" or 6" Deep Grate (Stackable)) to (Slotted Drain For 12" **Through** 30" Dia. C.M. Pipe, 2 1/2" or 6" Deep Grate (Stackable)).
2. The fifth note under Notes changed from (All welded locations shall be painted with high zinc dust content paint in accordance with **Spec. 3226** after attaching to pipe.) to (All welded locations shall be painted with **high zinc dust content paint in accordance with either Spec. 3518 or Spec. 3520** after attaching to pipe.)

Standard Plate 3138B – See attachment.

Standard Plates 7035L and 7036E –See attachments.

Standard Plates 8105B and 8106B –. See attachments.

Standard Plate 9000D – See the bottom detail, Cross Sections:

1. The text (0.5' Min.) changed to (0.08' for 15' distance, 0.12' for 25' distance, 0.25' for 50' distance).
2. The text (Low volume roads – (25' Min.)) changed to (50' recommended for roads – (25' Min.)).
3. The text (All other entrances – (15' Min.)) changed to (25' recommended for entrances – (15' Min.)).

INSTRUCTIONS:

1. Record the transmittal letter number, date and subject on the transmittal record sheet located in the front of the manual.
2. Remove from the manual: 3137A, 3138A, 7035K, 7036D, 8105A, 8106A, and 9000D.
3. Insert in the manual: 3137B (Approved, 5-22-01), back 3138B (Approved, 5-22-01); 7035L (Approved, 4-20-01), back 7036E (Approved 2-09-01), 8105B (Approved, 4-30-01), back 8106B (Approved, 4-30-01); and 9000D (Rev. 5-18-01), back blank.
4. Any **technical questions** regarding this transmittal should be directed to Colleen Oftedahl, Design Standards, at (651) 296-2743.
5. **Any questions concerning missing manual sheets or extra transmittal letters** should be directed to Map & Manual Sales, M.S. 260, Room 110, (651)296-2216. Please furnish in writing any address changes to: Mail Room G-21, M.S. 275 Transportation Building, 395 John Ireland Blvd., St. Paul, MN 55155. Any questions concerning mailing of this material should be directed to the Mail Room G-21 (651) 296-2420.

Attachment for Standard Plate 3138B Slotted Drain For 12" Through 30" Dia. C.M. Pipe , 2 ½" or 6" Deep Grate (Not Stackable)

The title was changed from (Slotted Drain For 12" Thru 30" Dia. C.M. Pipe , 2 ½" or 6" Deep Grate (Not Stackable)) to (Slotted Drain For 12" Through 30" Dia. C.M. Pipe , 2 ½" or 6" Deep Grate (Not Stackable)).

The Modified Hugger Band Top View and Side View Details were replaced with the Typical Coupling Band Top View and Side View Details. The details are the same as shown on Standard Plates 3137A and M3137A.

See the Section A-A Optional Grate Slot Details For Inclusion of Mesh Type 2:

Tack weld was changed to the ¼" weld symbol.

The note for height was added, (1- 7/8" ± 1/8" and 5-3/8" ± 1/8").

See Grate Slot Welding Detail:

Changed the text (Center) to (Centers).

See the Section A-A in the second row down from the top:

Changed the title to Section B-B.

See the Grate Slot Drain detail:

The note (Grate slot welded to pipe. See grate slot welding detail.) was changed to (Slotted Drain Welded to Pipe. See Grate Slot Welding Detail.) This matches Standard Plates 3137A and M3137A.

The Notes section was changed to match the format on Standard Plates 3137A and M3137A.

Note eight was changed to note 1 and a typographical error was corrected.

The fifth note under Notes changed from (All welded locations shall be painted with high zinc dust content paint in accordance with Spec. 3226 after attaching to pipe.)

to (All welded locations shall be painted with high zinc dust content paint in accordance with either Spec. 3518 or Spec. 3520 after attaching to pipe.)

Attachment for Standard Plate 7035L Concrete Walk & Curb Returns At Entrances

1. Removed text (ENGINEER REFERENCE and CONTRACTOR REFERENCE) from above the NOTES section.
2. Note one was combined with note six to make new note one.
3. Note one was changed from (Not Required where Curb & Gutter or Walk abut Bituminous Paving) to (Not Required Unless 2 concrete areas are Poured Separately).
4. Note three was changed from (Same thickness as driveway) to (Match Driveway Thickness and Width). The concrete pattern was removed where the sidewalk crosses the driveway on the Concrete Walk detail
5. Old note seven is new note six. Old note eight is new note seven.
6. Old note nine (See standard plate 7036 and plans for placement of curb ramp) was changed to new note eight (See plans for placement of pedestrian curb ramp).
7. In a few cases notes one and two were pointing to the wrong spots, they are now adjusted on the Concrete Walk Plan view.
8. Added note one to Curb Return detail.
9. The expansion joint in the walk is now shown as continuing through the curb and gutter.

Attachment for Standard Plate 7036E Pedestrian Curb Ramp For the Handicapped

1. Attachment for Standard Plate 7036E Pedestrian curb Ramp For the Handicapped The slope note was changed on the Elevation of Ramp detail from (Approx. 1:10 slope) to (0.08 Ft./Ft. slope of flared side, (if existing conditions do not permit, may use 0.10 Ft./Ft. – 0.08 Ft./Ft. slope)). See 4.7.2 and 4.8.2 in the American Disabilities Act Accessibility Guidelines.
2. Note one was replaced with (See Spec. 2521.3cla).
3. Old note two was removed from the notes and the information is now shown in the Section A-A, Plan View of Diagonal Ramp, and Plan View of Perpendicular Ramp details.
4. Added ½ inch preformed joint filler material, AASHTO M 213 to the joint in the Section A-A detail.
5. Note four was added to show correct installation of pedestrian curb ramps in medians. See 4.7.11 in the American Disabilities Act Accessibility Guidelines.
6. Modified the Section A-A detail to show the path of travel area (4' 0" desirable and 0.02 Ft./Ft. Max (3)).
7. Added Plan View of Diagonal Ramp and Plan View of Perpendicular Ramp details to replace the Plan View of Ramp.
- 7a. Added path of travel limits to the Plan View of Diagonal Ramp and Plan View of Perpendicular Ramp details.
- 7b. Added common corresponding curb heights to the dimensions on the Plan View of Diagonal Ramp and Plan View of Perpendicular Ramp details.
8. Added note three to explain path of travel.

Attachment for Standard Plate 8105B Equipment Pad A Cast – In – Place or Precast.

1. In the Part Plan View detail the top note was changed from (5" Wide x 2'9" Long . .) to (5" Wide x 2'5" Long . . .). The three center pipes shifted down 2" and the 2" dimension was given. The 7.5", 2", and 4" dimensions were added at the bottom of the detail.
2. In the Plan View detail the three center pipes were shifted down to correspond to the changes in dimensioning. The 3 ½" dimension in the top right corner was changed to 7 ½".
3. The Part Plan View detail was adjusted to correspond to the Plan View detail changes.
4. The second to the bottom note was added (A 5/8" Dia. X 10' ground rod with clamp and 2 – 1/c No. 1/0 bare copper wire shall be installed within 1' of the equipment pad and 3" to 6" deep.)
5. The rebars were changed to Metric designations to follow manufactures standards.

Attachment for Standard Plate 8106B Equipment Pad A Cast – In – Place or Precast.

1. On the right side of the Cast In Place Plan View detail the 3 ½" dimension changed to 7 ½". A 4" dimension was also added to locate the lowest pipe.
1. On the left side of the Cast In Place Plan View detail the 6" and 27" dimensions were added.
2. On the Precast Plan View detail , the (3' 0") dimension changed to (2' 5"). The two 6" dimensions changed to 9.5".
3. The top note in the Precast Plan View was changed from (5" wide X 2' 9" long . .) to (5" wide X 2' 5" long . .).
4. The lowest pipe going to the left in both Plan Views was adjusted to line up with the new dimensioning.
5. On the right side of the Precast Plan View detail the 3 ½" dimension changed to 7 ½". The 4", 2" and 7 ½" were also added to locate the lowest pipe.
6. The rebars were changed to Metric designations to follow manufactures standards.