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MINNESOTA DEPARTMENT OF TRANSPORTATION DEVELOPED BY: Design Standards ISSUED BY: Design Services Section	TRANSMITTAL LETTER NO. (05-02) MANUAL: Standard Plates DATED: April 22, 2005
SUBJECT: Standard Plates 4020J(1-2), 7100H and 8332B	

Standard Plate 4020J (1-2) - The Plate has a new title, Manhole or Catch Basin For Use With or Without Traffic Loads.

Standard Plate 4020J (2) - The text on the Section View-Installation detail changed from (15' Max. (3)) to (15' Max.).

Standard Plate 7100H - Minor changes were made to the Concrete Curb and Gutter, Design B and Design V plate. See attachment for a list of changes.

Standard Plate 8332B - The Anchor Bolt Cluster plate has a new title, Anchor Bolt Cluster for Light Poles. See the attachment for a list of changes.

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: 4020I and 7100G.
3. Insert in the manual: 4020J (1) (Revised 4-13-05), back 4020J (2) (Revised 4-13-05); 7100H (Revised 2-28-05), back blank; and 8332B (Approved 2-15-05), back blank.
4. Standard Plates are now available on the Internet at <http://www.dot.state.mn.us/tecsup/> pick Standard Plates. They are available in PDF format. It will be the responsibility of the users to get them from our system. A list of the Standard Plates Index is also available in Excel format on the Internet.
5. Any technical questions regarding this transmittal should be directed to Colleen Oftedahl, Design Standards, at (651) 296-2743.
6. 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-18, 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-18 (651) 296-2420.

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Attachment: Standard Plate 7100G Concrete Curb and Gutter, Design B and Design V

See Design B detail:

1. Added the slope 0.06 Ft/Ft to note (2) on the left side.

See Reverse Slope Gutter Section Detail:

1. Added this detail to the English Plate. It was already on the Metric Plate.

See Notes:

1. Changed note (2) from (Slope 3/4" per foot normal,...) to (Slope 0.06 Ft/Ft normal,...).

Attachment: Standard Plate 8332B Anchor Bolt Cluster for Light Poles

The following changes are from the previous version, Standard Plate 8332A.

Changed the sheet title from Anchor Bolt Cluster to Anchor Bolt Cluster for Light Poles.

See Elevation View:

1. Changed notes (5) and (4) on the right side to (6) and (7).
2. Removed note (3).
3. Added text (See Detail "A") and circle inset.
4. Changed the bolts at top of detail.

See Detail A:

1. This is a new detail.

See Notes:

1. Changed the title from (General Notes) to (Notes).
2. Changed the second sentence in the first unnumbered note from (Heavy hex nuts per Spec. 3391.2B for 1" dia. threaded rods (**18 required**),) to (Heavy hex nuts, **jam nuts, and flat washers** per Spec. 3391.2A for 1" dia. threaded rods.). Changed the third sentence from (**Hex** nuts to be tapped...) to (Nuts to be tapped...).
3. Deleted the last sentence in the first unnumbered note (- Alternates I & II.).
4. Changed the second unnumbered note from (...as per Spec. 3392 - Alternates I & II.) to (...as per Spec. 3392.).
5. In the third unnumbered note, deleted the last sentence (Wrap the threads below the nuts with 3 layers of plastic electrical tape.).
6. Deleted the fifth unnumbered note (Selection of alternate shall be the contractors option.).
7. Deleted the title (Alternate I (Corrosion Resistant) Notes). Deleted notes (1) and (2).
8. Deleted the title (Alternate II (Galvanized) Notes).
 - a. Changed note (1) from (Threaded rods, steel as per Spec. 3385 Type B **or C** (6 required)) to (Threaded rods, steel as per Spec. **3309, 3310 or** 3385 Type B (6 required)).
 - b. Changed note (2) from (Provide a mechanical cage for rod alignment...) to (Provide a mechanical **or welded** cage for rod alignment...).
9. Deleted the title Alternate III (Stainless Steel) Notes. Deleted notes (1) and (2).
10. Changed note (3) from (Heavy hex nuts for 1" dia. rods **per Spec. 3391.2E** (18 required).) to (Heavy hex nuts for 1" dia. rods (**12** required).).
11. Added new notes (4-5).
12. Renumbered old note (4) to new note (6).
13. Renumbered old note (5) to new note (7) and changed text from (Use for – Median Barrier, Standard Plates 8322 and 8328. Retaining Wall, Standard Plan sheets 5-297.623 and 5-297.626 (5 of 5).) to (Use for Conc. Median Barriers, see Standard Plates, and Retaining Walls, see Standard Plan sheet 5-297.635.).

The unapproved drawings AnchBoltClus_dgn.dgn and M-AnchBoltClus_dgn.dgn will be removed from the server.

(S:/DesignStandards/Colleen/StdPltE502doc.)
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