GENERAL NOTES:
1. Work this Index with Index 425-001 and Index 425-010.

2. When inlet is placed in areas subject to bicycle traffic, install filler bar when clearance or gap is greater than 1/8" as shown in Index 425-031.

3. These inlets may be used with Alternate B structure bottoms, Index 425-010.

4. Chamfer all exposed edges and corners 3/16" chamfer or rounded to 1/16" radius.

5. See Index for supplemental details.

6. Reinforcing bars are Grade 60 with 2" minimum cover unless otherwise noted. Cut or bend bars to provide 1/2" clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening as shown.

7. Dimensions are for both precast and cast-in-place inlets unless otherwise noted.

8. Quantities are for informational and estimating purposes only.

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<td>3</td>
<td>Type G - Dimensional, Reinforcing, and Grate Details</td>
</tr>
<tr>
<td>4</td>
<td>Concrete Apron and Sodded Area Details</td>
</tr>
</tbody>
</table>
NOTES:
1. The Grate, Concrete Apron, and Sod not shown on Inlet PLAN view, See Sheet 4 for Concrete Apron and Sodded Area details.
2. Construction joints permitted between these limits. See Index 425-001 for minimum dimensions.

HORIZONTAL WALL REINFORCING SCHEDULE

<table>
<thead>
<tr>
<th>WALL DEPTH</th>
<th>SCHEDULE</th>
<th>AREA (in²/ft)</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>A12</td>
<td>0.200</td>
<td>12&quot;</td>
</tr>
<tr>
<td>4 - 7</td>
<td>A6</td>
<td>0.200</td>
<td>6&quot;</td>
</tr>
<tr>
<td>7 - 12</td>
<td>B5-5</td>
<td>0.240</td>
<td>3/4&quot;</td>
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<tr>
<td>12 - 15</td>
<td>Special 1</td>
<td>0.287</td>
<td>5&quot;</td>
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</table>

See Index 425-001 for minimum dimensions.

Construction Joints Permitted (Typ.)

Pipe Opening Shown

Steel Grate Detail

SECTION C-C

SECTION D-D

SECTION E-E

TABLE 1

DIMENSIONAL AND REINFORCING DETAILS

TYPE F - DIMENSIONAL, REINFORCING, AND GRATE DETAILS

DITCH BOTTOM INLET TYPE F AND G

INDEX 425-053

SHEET 2 of 4

FY 2021-22

STANDARD PLANS

REV 11/01/20

DESCRIPTION:

LAST

REV

REV

11/01/20

FACTOR

FACTOR

FACTOR
NOTES:
1. Grate, Concrete Apron, and Sod not shown in Plan view
2. See Sheet 4 for Concrete Apron and Sodded Area details.
3. Construction joints permitted between these limits. See Index 425-001 for minimum dimensions.

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DITCH BOTTOM INLET TYPE F AND G

TABLE 2
HORIZONTAL WALL REINFORCING SCHEDULE

<table>
<thead>
<tr>
<th>WALL DEPTH</th>
<th>SCHEDULE</th>
<th>AREA (in²/ft.)</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 3'</td>
<td>A6</td>
<td>0.20</td>
<td>12&quot;</td>
</tr>
<tr>
<td>3' - 7'</td>
<td>A6</td>
<td>0.20</td>
<td>6&quot;</td>
</tr>
<tr>
<td>7' - 10'</td>
<td>BS5</td>
<td>0.24</td>
<td>5½&quot;</td>
</tr>
<tr>
<td>10' - 15'</td>
<td>BS5</td>
<td>0.37</td>
<td>5½&quot;</td>
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</table>

DIMENSIONAL AND REINFORCING DETAILS

TYPE G - DIMENSIONAL, REINFORCING, AND GRATE DETAILS
TABLE 3
CONCRETE APRON
AND SOD QUANTITIES

<table>
<thead>
<tr>
<th></th>
<th>CONCRETE (CY)</th>
<th>SOD W/CONCRETE (SY)</th>
<th>SOD ONLY (SY)</th>
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</thead>
<tbody>
<tr>
<td>Ditch Bottom Inlet Type F and G</td>
<td>0.34</td>
<td>9</td>
<td>7</td>
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</tbody>
</table>

NOTES:
1. Concrete Apron to be installed only where called for in the Plans.
2. Sod always required.

SECTION J-J
10'-0" Side Slope

SECTION I-I AND DITCH BLOCK DETAIL

DITCH BOTTOM INLET TYPE F AND G

CONCRETE APRON AND SODDED AREA DETAILS

DESIGNATION:
FY 2021-22
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