GENERAL NOTES

1. This inlet is suitable for village swales, ditches, or other areas subject to heavy wheel loads, minimum debris. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet. This inlet is not for use in a bicycle way.

2. When alternate 8" grate is specified in plans, the grate is to be hot dip galvanized after fabrication.

3. All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. See Index 425-001 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe to clear pipe 1/2".

4. All exposed edges and corners shall be 1/2" chamfer or tooled to 1/2" radius.

5. All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

6. For supplementary details see Index 425-003.

7. Inlet to be paid for under the contract unit price for Inlets (Gutter Type V), EA

HORIZONTAL WALL REINFORCING

SCHEDULE (TABLE 1)

<table>
<thead>
<tr>
<th>WALL DEPTH</th>
<th>SCHEDULE</th>
<th>AREA (in²/ft.)</th>
<th>MAX. SPACING BARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 5'</td>
<td>A12</td>
<td>0.20</td>
<td>12' 8&quot; WWF</td>
</tr>
<tr>
<td>5' - 9'</td>
<td>A6</td>
<td>0.20</td>
<td>6' 3&quot;</td>
</tr>
<tr>
<td>9' - 12'</td>
<td>A4</td>
<td>0.20</td>
<td>4' 2&quot;</td>
</tr>
<tr>
<td>12' - 15'</td>
<td>B5.5</td>
<td>0.24</td>
<td>5' 5&quot;</td>
</tr>
</tbody>
</table>

All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

Standard plans:

Section AA
CAST-IN-PLACE INLET SIMILAR

Inlet with Structure Bottom (For Pipes 30" Dia. And Larger)

Recommended Maximum Pipe Sizes

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>2'-11&quot; Or 3'-3&quot;</th>
<th>3'-10&quot; Or 3'-3&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>30&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>6&quot;</td>
<td>30&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>4&quot;</td>
<td>30&quot;</td>
<td>30&quot;</td>
</tr>
</tbody>
</table>

Note: Recommended sizes are for concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with Index 425-001. Larger pipe size see bottom detail above and Index 425-010.

Recommended Maximum Reinforcing

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Area (in²/ft.)</th>
<th>Max. Spacing BARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A12</td>
<td>0.20</td>
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<tr>
<td>B5.5</td>
<td>0.24</td>
<td>5' 5&quot;</td>
</tr>
</tbody>
</table>

All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

Pipe Elevation As Shown On Plans

Pipe Opening Shown

Pipe Opening Not Shown

Plan
(Cast-in-place inlet shown without grate; precast inlet similar)

Section BB
(Cast-in-place inlet shown precast inlet similar)

Section AA
(Cast-in-place inlet)

Section AA
(Precast inlet)

Section BB
(Precast inlet similar)

NOTE: All B Structure Bottom Only. See Index 425-010 for structure bottom details and hole reinforcement.

Inlet With Structure Bottom

Pipe Opening Shown

Pipe Opening Not Shown

Plan

(Cast-in-place inlet similar)

Section AA

(Precast inlet)

Pipe Opening Shown

Pipe Opening Not Shown

Plan

(Cast-in-place inlet)

Section BB

(Pipe Opening Shown)

Section AA

(Pipe Opening Not Shown)
ALT. A STRUCTURE BOTTOM FOR INLET TYPE V

TOP SLAB OPENINGS

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>OPENING SIZE</th>
<th>MIN</th>
<th>MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'-0&quot; to 3'-2&quot;</td>
<td>2'-11&quot; x 4'-0&quot;</td>
<td>2'-3&quot; x 3'-10&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Top Slab With Centered Opening

Centered Inlet
Structure Bottom

Top Slab Replacing Diagram

#4 Bar Each Corner
(2'-0" Min. Length)

2 Way Reinforcement
See Tables

#5 Hoop Bar
(Peripheral Reinforcement)

Centered Opening
See Table For Dimensions

#6 Bars

SECTION BB

SECTION AA

ALT. A STRUCTURE BOTTOM FOR INLET TYPE V

GUTTER INLET TYPE V

INDEX

FY 2018-19

STANDARD PLANS

REVISION

LAST

REV 01/01/17

DESCRIPTION:

REV

425-041

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