Ditch Bottom Inlet Type A

07/01/09

Revision

C:\projects\standards\roadway\0020-00230-01.dgn

Ditch Bottom

Locations

- Flow
- Toe Wall (Paved Or Unpaved Ditches)
- Ditch Block (Low Side Of Inlet On Continuous Ditches)

Normal Ditch Bottom

RECOMMENDED MAXIMUM PIPE SIZES

<table>
<thead>
<tr>
<th>Inlet Inside Width</th>
<th>Pipe Size</th>
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<tbody>
<tr>
<td>2'-0&quot; Or 3'-0&quot;</td>
<td>18&quot;</td>
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Note: Recommended sizes are for concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with Index No. 201. For larger pipe see bottom detail right and Index No. 200.

GENERAL NOTES

1. This inlet is designed for ditches, medians, or other areas subject to heavy wheel loads on limited access facilities where debris may be a problem. This inlet is not for use in areas subject to pedestrian and/or bicycle traffic.

2. All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. Cut or bend bars out of way of pipe to clear same.

3. All exposed edges and corners shall be chamfered or tooled to 4" radius.

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

5. Cost of ditch paving to be included in the cost of Inlet. Sodding to be paid for under contract unit price for Performance Turf, SY.

6. For supplemental details see Index No. 201.

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

8. Inlet to be paid for under the contract unit price for Inlets (Or Bit Type A15).
CENTERED OPENING

TOP SLAB REINFORCING DIAGRAM

TOP SLAB OPENINGS

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>OPENING SIZE</th>
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<tbody>
<tr>
<td>4'-0&quot; To 9'-0&quot;</td>
<td>2'-0&quot; x 2'-0&quot;</td>
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SECTION AA

SECTION BB

ALT. A STRUCTURE BOTTOM FOR INLET TYPE A