GENERAL NOTES

1. The general purpose of the inlet top designs are:
   a. For ditches, medians or other areas subject to heavy wheelloads. 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.
   b. Provide full grate and horizontal slot designs for new construction.
   c. Provide full grate and horizontal slot designs for replacing the vertical slot tops on existing Inlets Type B and Type X that are in locations subject to occasional pedestrian traffic.

2. All reinforcing is Grade 60 bars with 0.375 in. min. cover unless otherwise noted.
   See Index No. 201 for equivalent area of welded wire fabric. Bars to be cut or bented for min. 36 in. clear span around pipe.

3. All exposed edges and corners shall be 3 in. chamfer or flared to 1/2 in. radius.

4. When Alternate G grates are specified in the plans, the grates are to be hot-dip galvanized after fabrication.

5. Cost for constructing traversable tops on new inlet boxes shall include the contract unit price for Ditches (IT Benthic Type B), EA, and shall include the cost for surrounding concrete inlet pavement. Existing Inlets Type B and Inlets Type X that are converted to traversable inlet tops shall be paid for under the contract unit price for Ditches (IT Benthic Type B) (Partial), EA. Unit price and payment shall be full compensation for inlet conversion and shall include the removal and disposal of any existing concrete inlet pavements, the removal and stacking or disposal of sufficient material from the existing inlet box to facilitate construction of the required inlet top. Construction of the required inlet conversions backfill construction of concrete inlet pavements, raising, supplementing, transferring or replacing grades as required by plans or as directed by the Engineer, any required earthwork for ditch restoration within 30 ft of the inlet and restoration of disturbed turf.

6. Ditch pavement shall be paid for separate from the inlet and concrete inlet pavement, by pavement types and units as called for in the plans.

7. Sod will be paid for under the contract unit price for Performance Surf. Turf, SY.

8. For supplementary details see Index No. 201.

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

DESIGN NOTES

1. The type of top (single or double slot) depends on the approach ditch configuration and the hydraulic requirements of the site. The designer will indicate in the plans the type of top to be constructed at each individual inlet location.

   On existing inlets, conversion grates shall be constructed of the original grate elevations unless other elevations are called for in the plans. When plans call for the inlet top to be constructed to support storm water detention, details for ditch modifications and underdrains shall be shown in the plans.

MAINTENANCE NOTES

1. Traversable inlet tops that are constructed by maintenance contract or by maintenance forces may reuse the existing grades that are determined by the Maintenance Engineer to be functionally sound, and their reuse is so directed by the Maintenance Engineer. Existing grates approved for reuse and new grates may be mixed, matched or replaced as directed by the Maintenance Engineer.
TOP SLAB OPENINGS

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>OPENING SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min.</td>
<td>Max.</td>
</tr>
<tr>
<td>8' x 8'</td>
<td>3' x 8'</td>
</tr>
</tbody>
</table>

SECTION AA

6'-0" Min. To 8'-0" Max.
(Unless Otherwise Shown In The Plans)

(round structure bottom
See Index No. 209 For Structure Bottom Details and Hole Reinforcement.

6'-0" Min. To 8'-0" Max.
(Unless Otherwise Shown In The Plans)

9½" For 6'-0" Structure Bottoms
1½" For 8'-0" Structure Bottoms

SECTION BB

ALT. A STRUCTURE BOTTOM FOR INLET TYPE B

DITCH BOTTOM INLET TYPE B

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