**SECTION EE**

**DITCH BLOCK**

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**Recommended Maximum Pipe Sizes**

<table>
<thead>
<tr>
<th>Inlet Inside Width</th>
<th>Pipe Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'-8&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>6'-0&quot;</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>

**NOTE:** All B Structure Bottom Only. See Index No. 200. For structure bottom detail, see Index No. 100.

**Inlet with Structure Bottom**

**Estimated Quantities**

<table>
<thead>
<tr>
<th>Slab Type</th>
<th>Pavement</th>
<th>Soda</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Bar</td>
<td>5.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Double Bar</td>
<td>8.5</td>
<td>19</td>
</tr>
</tbody>
</table>

**Concrete Inlet Pavement and Sodding**

**Ditch Bottom Inlet Type B**

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**SECTION AA**

**SECTION BB**

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**SECTION CC**

**SECTION DD**

**Steel Grate**

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*See Sheet 2 of 2*
GENERAL NOTES

1. The general purpose of the inlet top and subbase area:
   a. For ditches, medians, or other areas subject to heavy wheel loads. This inlet may be placed in areas subject to connected pavement traffic such as landscaped areas and pavement areas where pavements can work around the inlet.
   b. Provides full grate and horizontal slab drainage for non-connected construction.
   c. Provides full grate and horizontal slab drainage for replacing the vertical slot type on existing Inlet Type B and Type X that are in non-connected subject to connected pavement traffic.

2. Box, wash out, or below reinforcing wire or rebar at 2" centers, both ways, with 2" spacing to facilitate of weak and below. Bone to be laid or bent for 1" minimum clearance around pipe.

3. When alternate grate are specified in the plan, the grates are to be hot-dipped galvanized or otherwise fabricated.

4. Cast for corrosion-protective tape on new inlet boxes shall be included in the contract unit price for Inlet (DT BOT 1/Type B). EA. and shall include the cost for surrounding concrete box pavement.

DESIGN NOTES

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

MAINTENANCE NOTES

1. Traverseable Inlet Top. Cast-in-place or cast-in-place asphalt or cast concrete with reinforcement for new, and concrete with reinforcement for existing, may be used. Excavation of the existing grate may be performed as necessary to facilitate the installation of the new grate and the installation of new grate.