Embankment Construction
Existing Ground Prior To Embankment

**EXCAVATION DETAIL**

Embankment
Trench Excavation

**INSTALLATION DETAIL**

Embankment or Aggregate Base Course Cl 3 or Cl 5 (Metal and Plastic)
Pipe
Geosynthetic Material Type R1

**NOTES:**
1) This drawing applies to new/extended mainline and paved intersection roadway pipes only (including ramps). It does not include pipes in approaches.
2) The exact location of the pipes will be shown in the plans.
3) Embankment may be either Borrow Excavation or Common Excavation - Type A
4) Embankment

**Backfill Dimensions**

<table>
<thead>
<tr>
<th>Pipe Materials</th>
<th>Dimension (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>0.5 O.D.</td>
</tr>
<tr>
<td>Metal and Plastic</td>
<td>0.5 O.D. + 1 Foot</td>
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</tbody>
</table>

**CROSS SECTION**

Embankment
Geosynthetic Material Type R1
Aggregate Base Course Cl 3 or Cl 5

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