PIE INSTALLATION DETAIL FOR LONGITUDINAL MAINLINE PIPE
OR PIPE NOT UNDER THE ROADWAY

Pay Items:
1) Pipe
2) Removal of Pipe (if required)

*included in Pipe Pay Item
1) Pipe
2) Trench excavation
3) Aggregate base course Cl 3 or Cl 5
4) Embankment

NOTES:
1) This drawing does not apply to pipes in approaches.
2) It is the contractor's option to select Detail A or B.
3) Embankment may be either Borrow Excavation or Common Excavation - Type A

<table>
<thead>
<tr>
<th>Backfill Material (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Pipe 4 Feet or Less Below the Top of Proposed Subgrade = Aggregate Base Course Cl 3 or Cl 5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Backfill Material (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Pipe Greater than 4 Feet Below the Top of Proposed Subgrade = Common Excavation - Type A</td>
</tr>
</tbody>
</table>

| Pipe Not Under Roadway = Common Excavation - Type B |

Bedding and Haunch (A)

- Pipes not Under Roadway = 0.5 O.D. + 4 inches
- Pipes Under the Roadway = 0.5 O.D. + 2 Feet
- Backfill Cover (B)
  - Concrete Pipe = 0.5 O.D.
  - Metal and Plastic = 0.5 O.D. + 1 Foot

Backfill Cover (B)

- 2' O.D.
- 2' O.D.

Bedding and Haunch (A)

- Embankment or Aggregate Base Course Cl 3 or Cl 5
- Embankment (Concrete) or Aggregate Base Course Cl 3 or Cl 5 (Metal and Plastic)
- Aggregate Base Course Cl 3 or Cl 5