GENERAL NOTES:

1. REINFORCED CONCRETE PIPE AND FLEXIBLE PIPE ARE SHOWN AS TYPICAL STRUCTURES. DETAILS ALSO APPLY TO REINFORCED CONCRETE BOX CULVERT, REINFORCED CONCRETE PIPE ARCH, CORRUGATED METAL PIPE ARCH, AND CORRUGATED STRUCTURAL PLATE STRUCTURES.

2. CONSTRUCTION COVER REQUIREMENTS MAY EXCEED FINAL COVER, SEE SECTION 701 OF LADOTD STANDARD SPECIFICATIONS.

3. CROSS DRAIN DETAILS APPLY TO ALL REACHES OF PIPE UNDER RIGID OR FLEXIBLE ROADWAYS.

4. TRENCH SAFETY STANDARDS SHALL BE IN ACCORDANCE WITH SECTION 701 OF LADOTD STANDARD SPECIFICATIONS.

<table>
<thead>
<tr>
<th>TYPE OF PIPE</th>
<th>MIN. TRENCH CLEARANCE MIN. CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>REINFORCED CONCRETE PIPE</td>
<td>ALL</td>
</tr>
<tr>
<td>FLEXIBLE PIPE</td>
<td>&lt;48&quot;</td>
</tr>
<tr>
<td>FLEXIBLE PIPE</td>
<td>&gt;48&quot;</td>
</tr>
</tbody>
</table>

TYPICAL CROSS DRAIN INSTALLATION

WITH AND WITHOUT HEADWALL
(EMBANKMENT MATERIAL NOT SHOWN FOR CLARITY)

EMBANKMENT SLOPE
PLASTIC SOIL PLUG
OF PIPE
EXISTING GROUND

SECTION A-A
WITH AND WITHOUT HEADWALL

EMBANKMENT MATERIAL
GEOTEXTILE FABRIC
HEADWALL

MINIMUM BEDDING MATERIAL
THICKNESS UNDER PIPE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.

TYPICAL APPLICATION SHOWN. SEE SHEET 2 OF THIS SERIES FOR BACKFILL REQUIREMENTS.