### Table 1: Minimum Cover

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>Corrugated Metal Pipes and Pipe Arches</th>
<th>Structural Plate Pipes and Pipe Arches</th>
<th>Reinforced Concrete Pipes (See Note 2 and 3)</th>
<th>Plastic Pipes (See Note 2 and 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible Pavements or Unfaced</td>
<td>The Greater of 1/5 (Dia or Span) or 2'-0&quot; Min.</td>
<td>The Greater of 1/8 (Dia or Span) or 2'-0&quot; Min.</td>
<td>1'-6&quot; Min.</td>
<td>2'-0&quot; Min.</td>
</tr>
<tr>
<td>Rigid Pavements</td>
<td>The Greater of 1/8 (Dia or Span) or 1'-6&quot; Min.</td>
<td>The Greater of 1/8 (Dia or Span) or 1'-6&quot; Min.</td>
<td>1'-6&quot; Min.</td>
<td>2'-0&quot; Min.</td>
</tr>
</tbody>
</table>

### Notes:

1. Grade ground uniformly around the pipe.
2. Plastic pipe includes polyethylene and polyvinyl chloride.
3. The minimum cover for HDPE pipes of diameter larger than 48 inches is half the pipe diameter (D/2).
4. Minimum cover over the crown of the pipe is adequate only for finished construction. Provide adequate cover to protect pipe and pipe arch from damage during construction.
5. Engineer reviews and approves any variation to minimum cover.
6. Place headwall on all pipes 36 inches in diameter and above to prevent buoyancy conditions due to minimum cover. Place headwall outside the clear zone where feasible.
7. Place end section on all flexible pipes below 36 inches in diameter. Place end section outside the clear zone where feasible.
8. 1 FT minimum cover with head wall or 6 inch minimum cover 1 FT from edge of end section when no head wall is required.

NOTE: DRAWING NOT TO SCALE.