RIPRAP DEPTH TABLE

<table>
<thead>
<tr>
<th>Riprap Class</th>
<th>Depth (d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>18&quot;</td>
</tr>
<tr>
<td>3</td>
<td>24&quot;</td>
</tr>
<tr>
<td>4</td>
<td>30&quot;</td>
</tr>
</tbody>
</table>

NOTE:
For arch or elliptical pipes, use equivalent diameter for (d) dimension.

PLAN

PLAN

PLAN

ELEVATION
CULVERT WITH HEADWALL

ELEVATION
CULVERT WITH END SECTION

ELEVATION
CULVERT WITH NO END TREATMENT

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL AID HIGHWAY

EFLHD DETAIL
LOOSE RIPRAP CHANNEL AT CULVERT

NO SCALE

DETAIL: E231-02
APPROVED: MAY 2011
REVISED: SEPTEMBER 2020