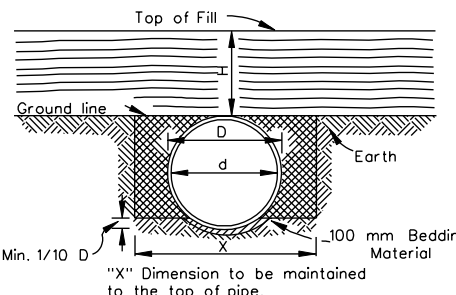
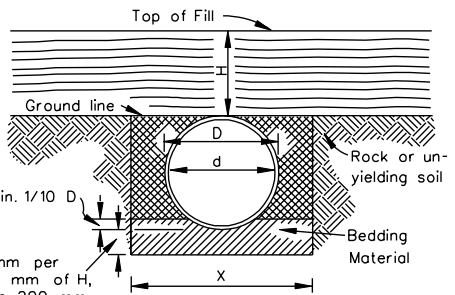
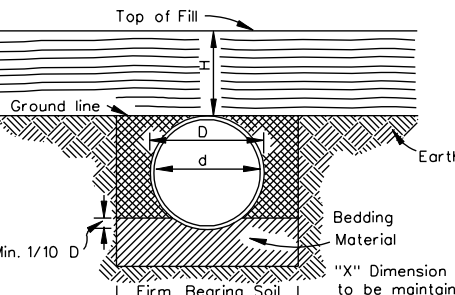
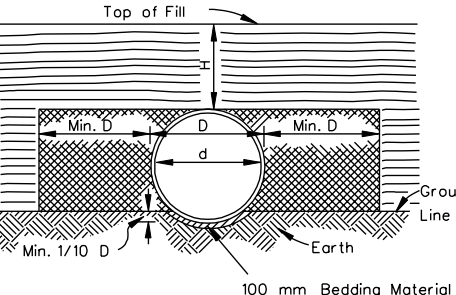
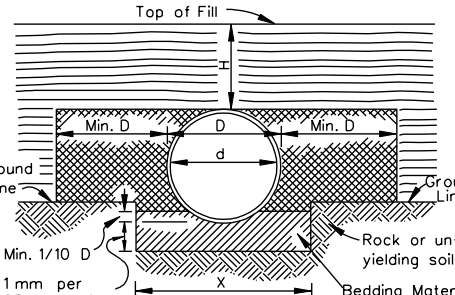
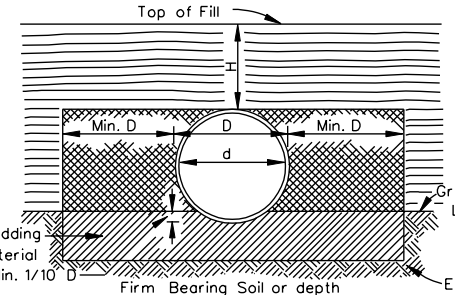



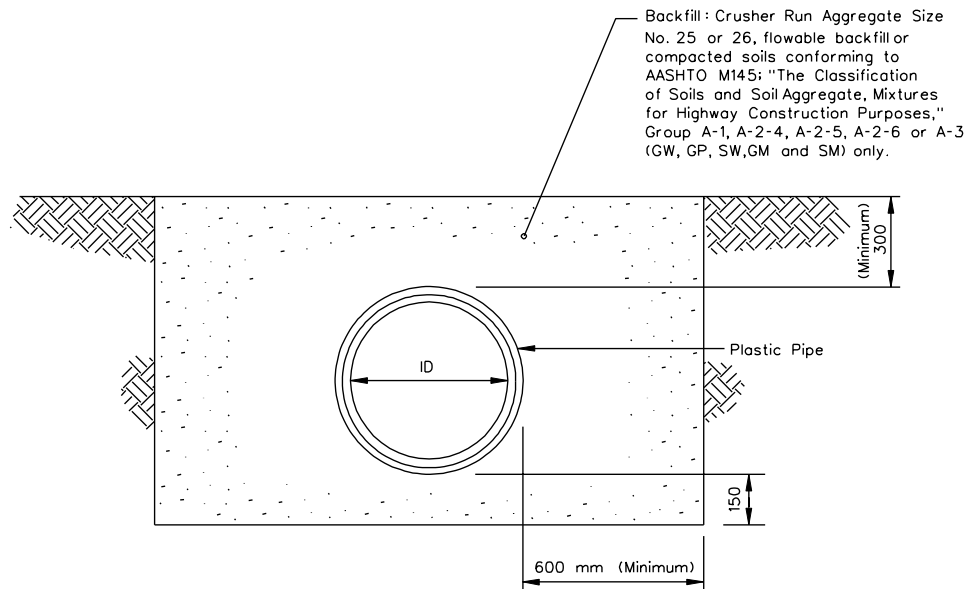


PB-1	NO PROJECTION OF PIPE ABOVE GROUND LINE		
 <p style="text-align: center;">NORMAL EARTH FOUNDATION</p> <p>* May be eliminated under entrance pipe where directed by Engineer.</p>	 <p style="text-align: center;">ROCK FOUNDATION</p>	 <p style="text-align: center;">FOUNDATION SOFT, YIELDING, OR OTHERWISE UNSUITABLE MATERIAL</p>	
PIPE PROJECTION ABOVE GROUND LINE			
 <p style="text-align: center;">NORMAL EARTH FOUNDATION</p>	 <p style="text-align: center;">ROCK FOUNDATION</p>	 <p style="text-align: center;">FOUNDATION SOFT, YIELDING, OR OTHERWISE UNSUITABLE MATERIAL</p>	
<p>Culverts less than $d = 900$ mm $x = D + 600$ mm</p> <p>Culverts where $d = 900$ mm and over $x = D + 900$ mm</p> <p>Method "A" Pipe Bedding shall be used as follows unless otherwise noted on plans:</p> <p>To determine "D" for Elliptical Concrete Pipe, use the larger dimension in the "Span-Rise" designation.</p> <p>RIGID PIPE When H is less than or equal to 9.0 meters (No projection of pipe above ground line.)</p>	<p>When H is less than or equal to 9.0 meters (Pipe projection above ground line.)</p> <p>FLEXIBLE PIPE As shown on tables</p> <p>H = Height of cover measured from top of drainage structure to finished grade.</p> <p>  Bedding material in accordance with Section 302 of the Road and Bridge Specifications  Backfill material in accordance with Section 302 of the Road and Bridge Specifications  Embankment </p>		
107.01	<p>UNLESS OTHERWISE NOTED, ALL DIMENSIONS ON THIS SHEET ARE IN MILLIMETERS</p> <p style="font-size: 24pt; font-weight: bold;">INSTALLATION OF PIPE CULVERTS AND STORM SEWERS</p> <p style="font-size: 24pt; font-weight: bold;">PIPE BEDDING - METHOD "A"</p> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>		<p>SPECIFICATION REFERENCE</p> <p>302 303</p>

PB-1	NO PROJECTION OF PIPE ARCH ABOVE GROUND LINE				
<p>NORMAL EARTH FOUNDATION</p>	<p>ROCK FOUNDATION</p>	<p>FOUNDATION SOFT, YIELDING, OR OTHERWISE UNSUITABLE MATERIAL</p>			
PIPE ARCH PROJECTION ABOVE GROUND LINE					
<p>NORMAL EARTH FOUNDATION</p>	<p>ROCK FOUNDATION</p>	<p>FOUNDATION SOFT, YIELDING, OR OTHERWISE UNSUITABLE MATERIAL</p>			
<p> Bedding material in accordance with Section 302 of the Road and Bridge Specifications Backfill material in accordance with Section 302 of the Road and Bridge Specifications Embankment </p> <p> $X = S + 900 \text{ mm}$ for S greater than 875 mm $X = S + 600 \text{ mm}$ for S less than 875 mm H = Height of cover measured from top of drainage structure to finished grade. </p>					
<p>INSTALLATION OF PIPE CULVERTS AND STORM SEWERS PIPE ARCH BEDDING</p> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>		<p>Sheet 2 of 3</p> <table border="1"> <tr> <td>SPECIFICATION REFERENCE</td> </tr> <tr> <td>302</td> </tr> <tr> <td>303</td> </tr> </table>	SPECIFICATION REFERENCE	302	303
SPECIFICATION REFERENCE					
302					
303					
107.02	UNLESS OTHERWISE NOTED, ALL DIMENSIONS ON THIS SHEET ARE IN MILLIMETERS				

Notes:

When corrugated metal culvert pipe is permitted on the plans, the Contractor will have the option to furnish and install corrugated PE culvert pipe conforming to AASHTO M294 or PVC ribbed culvert pipe conforming to AASHTO F794, provided the diameter of the pipe used is equal to or greater than the diameter of the corrugated metal pipe.



SPECIFICATION REFERENCE	PLASTIC CULVERT PIPE BEDDING		
302 303	VIRGINIA DEPARTMENT OF TRANSPORTATION	UNLESS OTHERWISE NOTED, ALL DIMENSIONS ON THIS SHEET ARE IN MILLIMETERS	107.03