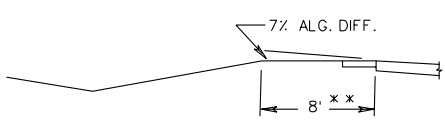
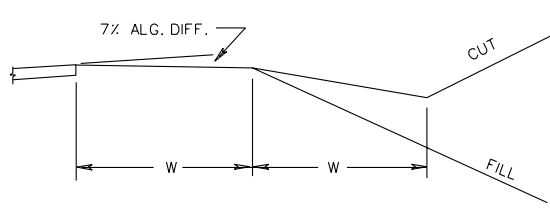
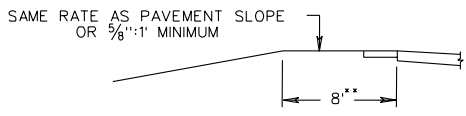
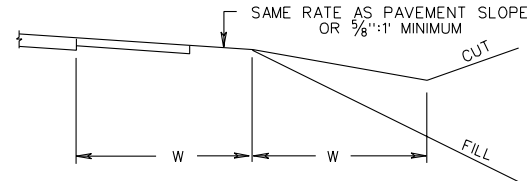


REVISED ON 7/01

REVISED ON 3/03

GS-11	GRADED MEDIAN SHOULDERS	OUTSIDE SHOULDERS
	 <p>7% ALG. DIFF.</p> <p>8' **</p> <p>** WHERE MAINLINE IS 6 OR MORE LANES GRADED SHOULDER WIDTH IS TO BE THE SAME AS THAT SHOWN FOR FILL SHOULDER FOR INDEPENDENT GRADING.</p> <p>HIGH SIDE - SUPERELEVATED</p>	 <p>7% ALG. DIFF.</p> <p>CUT</p> <p>FILL</p> <p>W</p> <p>W</p> <p>HIGH SIDE - SUPERELEVATED</p>
	 <p>SAME RATE AS PAVEMENT SLOPE OR 5/8"::1' MINIMUM</p> <p>8' **</p> <p>LOW SIDE - SUPERELEVATED</p>	 <p>SAME RATE AS PAVEMENT SLOPE OR 5/8"::1' MINIMUM</p> <p>CUT</p> <p>FILL</p> <p>W</p> <p>W</p> <p>LOW SIDE - SUPERELEVATED</p>
<p>NOTE: FOR WIDTH OF SHOULDERS AND DITCHES (W) SEE GEOMETRIC DESIGN STANDARDS.</p>		
<p>STANDARD SHOULDER DESIGN FOR ALL SYSTEMS EXCEPT LOCAL ROADS AND STREETS</p> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>		