

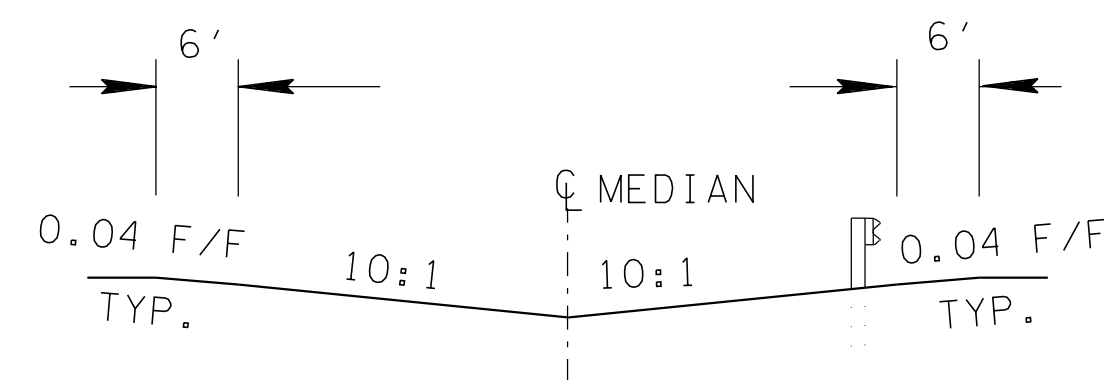


Figure 10: Typical cross-section of a 10:1 embankment. The diagram shows a cross-section of an embankment with a central median. The embankment slopes are 10:1. The top width of the embankment is 6 feet. The median width is 6 feet. The embankment is labeled "TYP." and "10:1". The median is labeled "MEDIAN". The embankment is labeled "0.04 F/F".

Diagram illustrating the typical cross-section of a median. The median is 6' wide. The cross-slope is 0.04 F/F. The side slopes are 10:1. The median is labeled "MEDIAN".

Diagram of a median cross-section showing a 6:1 slope on both sides. The top width is 6' on each side. The bottom width is 0.04 F/F on each side. The center is labeled "MEDIAN". The slope is labeled "TYP.".

DESIGN SPEED MPH	DIMENSIONS			ESTIMATED QUANTITIES ①		
	TAPER RATE	X	Y	705-01.01	705-02.02	705-04.07
70	15:1	200'-0"	16'-8"	26'-10%	200'-0"	1 EACH
60	14:1	137'-6"	13'-5"	26'-10%	137'-6"	1 EACH
≤55	12:1	100'-0"	12'-6"	26'-10%	100'-0"	1 EACH

Figure 10-1 consists of two diagrams, (A) and (B), showing typical cross-sections of a ditch and shoulder. Diagram (A) shows a ditch with a top width of 6', a depth of 4', and 2:1 slopes. The bottom width is labeled 'VAR.' (variable). Diagram (B) shows a shoulder with a top width of 6', a depth of 4', and 2:1 slopes. The bottom width is labeled 'VAR.' (variable). Both diagrams include labels for 'EDGE OF SHOULDER' and 'DITCH'.

Figure 10-1: Typical cross-section of a highway. The diagram shows a cross-section of a highway with a central travel lane of width w and a 4' shoulder on each side. The total width is 6' + 4' + 8' + w + 8' + 4' + 6'. The road has a 2:1 slope on the outer edges and 10:1 normal slopes on the inner edges. The road is labeled "TYP." and "0.04 F/F".

MEDIAN WIDTH	W	ITEM NO 203-01 CY	FILL SLOPE S
36'	4	23	1.5:1
40'	8	33	1.5:1
48'	12	49	2:1
60'	24	83	2:1
64'	28	96	2:1

GENERAL NOTES	
(A)	THE CONTRACTOR IS TO ELIMINATE THE 1 FOOT FLARE SHOWN ON GUARDRAIL STANDARD DRAWINGS FOR TANGENTIAL GUARDRAIL TERMINAL ANCHORS (FLARED INSTALLATIONS ONLY).
(B)	ONLY ONE APPROACH SHOWN; OTHER APPROACH IDENTICAL.
(C)	THE DIMENSIONS SHOWN IN THIS TABLE ARE TO BE USED IN ALL TANGENT OR NEARLY TANGENT SITUATIONS WITH DESIGN SPEEDS 70 MPH OR BELOW. WHEN THE DESIGN SPEED EXCEEDS 70 MPH OR OTHER GEOMETRIC FEATURES SUCH AS CURVATURE, SKEWED BRIDGES, OR ADDITIONAL HAZARDS ARE PRESENT, THE DESIGNER SHALL USE STANDARD DRAWING S-PL-1.
(D)	QUANTITIES SHOWN ARE FOR ONE APPROACH.
(E)	BASED ON 6' SHOULDER; FOR OTHER SHOULDER WIDTHS ADJUST WIDTH OF BERM AS NECESSARY. PLACEMENT OF GUARDRAIL IS NOT AFFECTED.