



* SEE PLANS FOR BASE DEPTH AND TYPE AND PAVED SURFACE TREATMENT WHERE REQUIRED.

TYPICAL SECTION

⊗ FOR GUARDRAIL:
ADD 2' TO 4' SHOULDERS
ADD 3' TO ALL OTHER SHOULDERS

BRIDGE WIDTH = APPROACH ROADWAY WIDTH (CLEAR ROADWAY).

WIDTHS FOR TWO WAY TRAFFIC (LESSER WIDTH MAY BE USED FOR ONE-WAY)								
TYPE	CURRENT ADT	* TRAVELWAY WIDTH	SURFACE		MIN. ROADWAY SHOULDER TO SHOULDER ⊗	DITCH WIDTH (W)	DITCH DEPTH (D)	PAY ITEM
			UNPAVED	PAVED				
A	0-250	18'	✓		22'	4'	16"	LF.
B	251-750	20'	✓		24' ABS. 28' DES.	4'	16"	LF.
C	751-2000	20'		✓	28' ABS. 32' DES.	4'	16"	* *
D	2001-5500	22'		✓	38'	4'	16"	* *
E	5501-15,000	24'		✓	40'	4'	16"	* *
F	15,000-ABOVE	24'		✓	40'	6'	18"	* *

* CURVES TO BE WIDENED IN ACCORDANCE WITH ST'D. TC-5R.
** PAID FOR BY INDIVIDUAL QUANTITIES.

GEOMETRICS								
DESIGN SPEED M.P.H.		20	30	40	50	60	70	
MIN. RADII		110' R	250' R	475' R	760' R	1200' R	1815' R	
MAX. % GRADE	DES.	9%	9%	9%	7%	6%	5%	
	ABS.	14%	12%	12%	10%	9%	7%	
STOPPING SIGHT DISTANCE	DES.	125'	200'	325'	475'	650'	850'	
	MIN.			275'	400'	525'	625'	
(MAX.) ELEVATION (FT./FT.)		.08	.08	.08	.08	.08	.08	

IF GEOMETRICS AND WIDTHS SHOWN IN THESE CHARTS ARE GREATER THAN THE FINISHED CONTRACT DESIGN, APPROVAL MAY BE GRANTED BY THE DEPARTMENT FOR LESSER VALUES.

SPECIFICATION REFERENCE	<p>MINIMUM DESIGN CRITERIA FOR TEMPORARY DETOURS (MAINTENANCE OF TRAFFIC)</p> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>
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