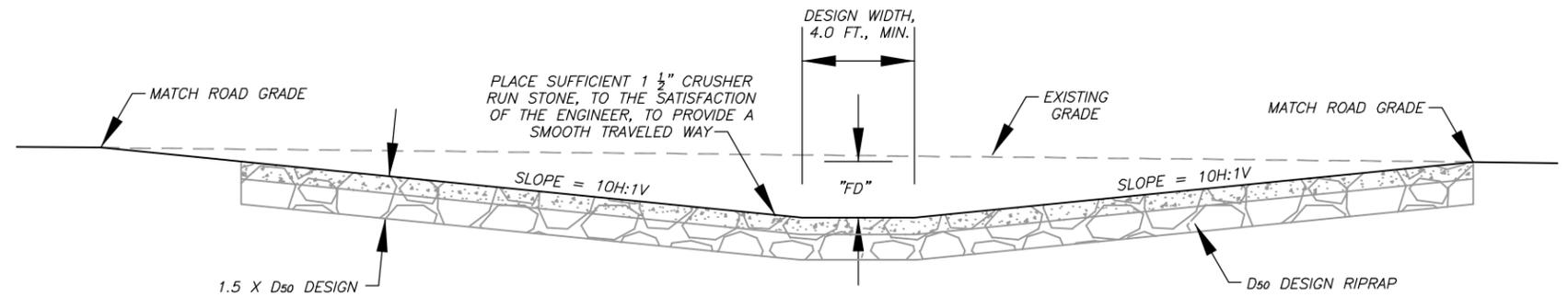


PLAN VIEW

SCALE: 1" = 10 FT.



CROSS SECTION A - A.

SCALE: 1" = 6 FT.

GRADATION	ROCK RIPRAP SIZING			
	D ₅₀ =6"	D ₅₀ =12"	D ₅₀ =18"	D ₅₀ =24"
50%	6" - 9"	12" - 18"	18" - 27"	24" - 36"
35%	3" - 6"	6" - 12"	9" - 18"	12" - 24"
15%	<= 3"	3" - 6"	4.5" - 9"	6" - 12"

NOTES:

- 1 1/2" CRUSHER RUN STONE SHALL MEET THE GRADATION REQUIREMENTS FOR CLASS 1 AGGREGATE IN TABLE 704.6.24 OF THE WVDOT SPECIFICATIONS FOR ROADS AND BRIDGES.
- "TW" = TOP WIDTH
 "Fb" = FREEBOARD DEPTH
 "F.D." = FLOW DEPTH
 "t" = THICKNESS

**DETAIL XX
 RIPRAP TRAPEZOIDAL CHANNEL ROAD CROSSING**

SCALE: AS NOTED