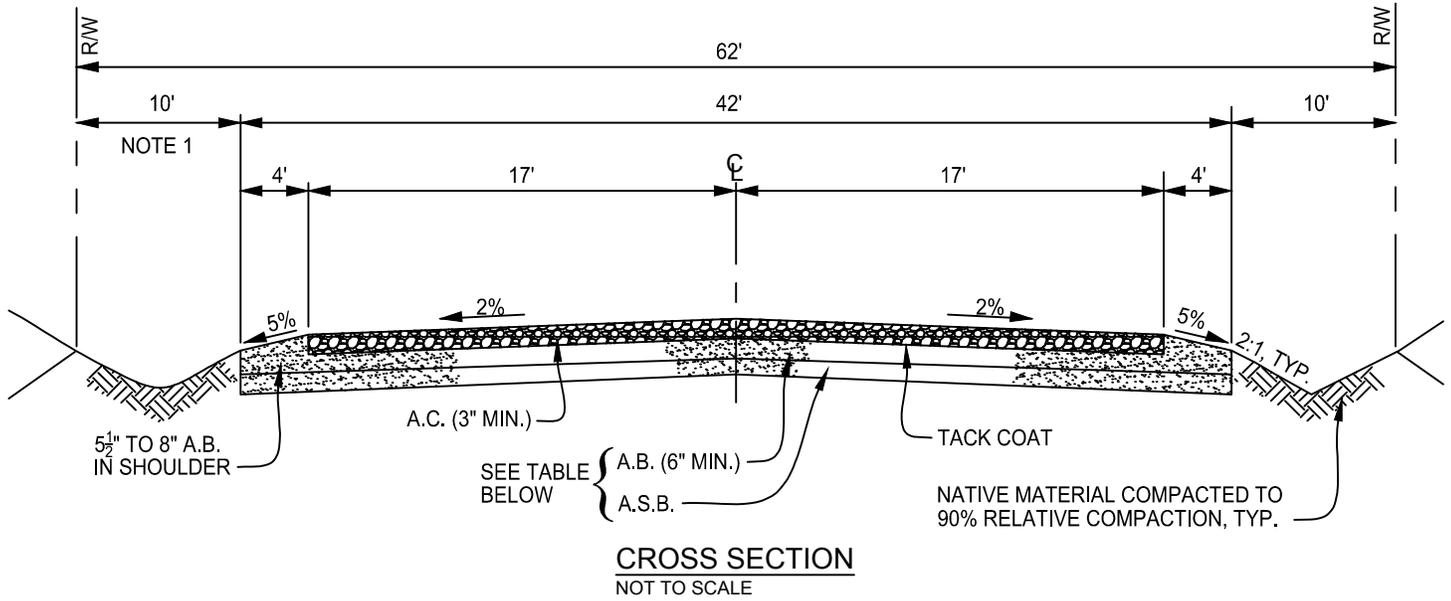


# FOR USE ONLY IN APPROVED LOCATIONS



**DESIGN CRITERIA:**

DESIGN SPEED	55 M.P.H.
CURVE RADIUS	990' MIN. (WITH MAX. SUPERELEVATION)
GRADIENT	0.6% MIN. - 10% MAX.
STOPPING SITE DISTANCE	500' MIN.
INTERSECTION SITE DISTANCE	605' MIN.
VERTICAL CLEARANCE	15'
DESIGN LOADING	(AASHO) H-20
SUPERELEVATION	0.07 MAX.
TRAFFIC INDEX	6.0
PASSING SIGHT DISTANCE	1950' MIN.
LENGTH OF VERTICAL CURVE	SEE PLATE NO. 3-8
CURVES	SUPERELEVATION PER PLATE NO. 3-5

**DRAINAGE:**

SEE "1" SERIES PLATES

TABLE FOR A.B./A.S.B.

BASEMENT SOIL 'R' VALUE	> 42	37-42	32-36	27-31	22-26	17-21	12-16	7-11	< 7
A.S.B. THICKNESS WHEN USED WITH 6" A.B.	_____	_____	_____	4"	5"	6"	7"	8"	9"
ALTERNATE - A.B. ONLY	6"	7"	8"	9"	10"	11"	12"	13"	14"

**NOTES:**

- ROAD WIDTH MAY BE ADJUSTED IF EQUESTRIAN TRAIL IS REQUIRED.
- THE CITY TRAFFIC ENGINEER MAY REQUIRE MODIFICATIONS TO PROPOSED LANDSCAPING, BERMS, SLOPES, STREET FURNITURE, WALLS OR STRUCTURES WITHIN THE SIDEWALK OR PARKWAY AREA, AS WELL AS OUTSIDE OF THE PUBLIC RIGHT-OF-WAY, WITHIN 500' OF ANY INTERSECTION TO COMPLY WITH SIGHT DISTANCE REQUIREMENTS.

CHANGE	DESCRIPTION	DATE	INITIAL	APPROVED: 	5/21/18
				CITY ENGINEER	DATE