

CROSS SECTION
NOT TO SCALE

DESIGN CRITERIA:

DESIGN SPEED	30 M.P.H.
CURVE RADIUS	380' MIN.
GRADIENT	0.6% MIN-10.0% MAX. OR AS DETERMINED BY THE PUBLIC WORKS DIRECTOR
STOPPING SIGHT DISTANCE	200' MIN.
INTERSECTION SIGHT DISTANCE	330' MIN.
SUPERELEVATION	NONE
CURB RETURN RADIUS	35' MIN.
TRAFFIC INDEX	7.0

DRAINAGE:


SEE "1" SERIES PLATES

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

BASEMENT SOIL 'R' VALUE	≥ 42	39-42	35-38	31-34	27-30	23-26	19-22	15-18	11-14	< 11
A.S.B. THICKNESS WHEN USED WITH 6" A.B.	—	—	—	4"	5"	6"	7"	8"	9"	10"
ALTERNATE- A.B. ONLY	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"

NOTES:

1. PAVEMENT WIDTH MEASURED FROM TOP INSIDE FACE OF OPPOSING CURBS.
2. SIDEWALK MAY BE DELETED BY PLANNING COMMISSION.
3. THIS PLATE WILL BE USED ONLY IF TRAFFIC ANALYSIS INDICATES AVERAGE DAILY VOLUME WILL NOT EXCEED 8,000 VEHICLES WITHIN 20 YEARS AFTER CONSTRUCTION.
4. BASE CURB AND GUTTER SHALL EXTEND TO SAME DEPTH AS STREET BASE (6" MIN.)
5. STREET TREES SHALL BE REQUIRED.
6. FOR LENGTH OF VERTICAL CURVE, SEE PLATE NO. 3-8.
7. WHERE SPECIFIED BY CITY ENGINEER, ROAD PAVEMENT SHALL BE 54' AND RIGHT-OF-WAY OF 66' (4 TRAFFIC LANES, NO SIDEWALK AND NO PARKING).
8. THE CITY TRAFFIC ENGINEER MAY REQUIRE MODIFICATIONS TO PROPOSED LANDSCAPING, BERMS, SLOPES, STREET FURNITURE, WALLS OR STRUCTURE 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: 	5/24/18 DATE
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