



**DESIGN CRITERIA:**

DESIGN SPEED	40 M.P.H.
CURVE RADIUS	825' MIN.
GRADIENT	0.6% - 6.0% OR AS DETERMINED BY THE PUBLIC WORKS DIRECTOR
STOPPING SIGHT DISTANCE	300' MIN.
INTERSECTION SIGHT DISTANCE	440' MIN.
SUPERELEVATION	NONE
CURB RETURN RADIUS	35' MIN.
CURVE LENGTH	300' MIN., 0.5 MILE MAX.
TRAFFIC INDEX	7.5

**DRAINAGE:**

SEE "1" SERIES PLATES

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

BASEMENT SOIL 'R' VALUE	≥ 50	43-49	36-42	29-35	22-28	14-21	7-13	< 7
A.S.B. THICKNESS WHEN USED WITH 6" A.B.	—	—	4"	6"	8"	10"	12"	14"
ALTERNATE - A.B. ONLY	6"	8"	9"	11"	13"	15"	17"	18"

**NOTES:**

1. PLANNING COMMISSION MAY REQUIRE SIDEWALKS AND WIDENING OF RIGHT OF WAY IN INDUSTRIAL OR COMMERCIAL AREAS.
2. PAVEMENT WIDTH MEASURED FROM TOP INSIDE FACE OF OPPOSING CURBS.
3. BASE UNDER CURB AND GUTTER SHALL EXTEND TO SAME DEPTH AS STREET BASE (6" MIN.).
4. FOR LENGTH OF CURVE, SEE PLATE NO. 3-8.
5. STREET TREE SHALL BE REQUIRED.
6. SIDEWALK SHALL BE CLEAR OF ALL FURNITURE.
7. THE CITY TRAFFIC ENGINEER MAY REQUIRE MODIFICATION 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: <i>Cliff Fitch</i> CITY ENGINEER	5/21/18 DATE
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