

**DESIGN CRITERIA:**

DESIGN SPEED	25 M.P.H.
CURVE RADIUS	300' MIN.
GRADIENT	0.6% MIN.-15% MAX. OR AS DETERMINED BY THE PUBLIC WORKS DIRECTOR
STOPPING SIGHT DISTANCE	150' MIN.
INTERSECTION SIGHT DISTANCE	275' MIN.
SUPERELEVATION	NONE
CURB RETURN RADIUS	25' MIN., 35' AT INTERSECTION WITH PRIMARY AND SECONDARY ROADS
TRAFFIC INDEX	6.0

**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:**

- HINGE POINT SHALL BE A MINIMUM OF 6' FROM CURB UNLESS APPROVED IN WRITING BY THE CITY ENGINEER.
- ADDITIONAL WIDTH OF ROAD RIGHT-OF-WAY AND/OR 6' WIDE PUBLIC SERVICE EASEMENT MAY BE REQUIRED FOR SIDEWALKS, UTILITIES AND LANDSCAPING.
- PAVEMENT WIDTH MEASURED FROM TOP INSIDE FACE OF OPPOSING CURBS.
- P.C.C. PAVEMENT REQUIRED FOR GRADES OF 15% OR MORE. P.C.C. PAVEMENT DESIGN SHALL BE APPROVED BY THE CITY ENGINEER.
- STREET TREES SHALL BE REQUIRED.
- COLLECTOR ROAD PROVIDES ACCESS TO 250 DWELLING UNITS OR LESS.
- FOR LENGTH OF VERTICAL CURVE, SEE PLATE NO. 3-8.
- BASE UNDER CURB AND GUTTER SHALL EXTEND TO SAME DEPTH AS STREET BASE (6" MIN.).
- 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: 	DATE: 5/24/18
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