



DESIGN CRITERIA:

DESIGN SPEED	25 M.P.H.
CURVE RADIUS	225' 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:

- LENGTH OF VERTICAL CURVE, SEE PLATE NO. 3-8.
- 3' FROM CURB TO HINGE POINT, 1' IF SIDE SLOPE IS LESS THAN 5% OUTSIDE RIGHT-OF-WAY.
- 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.
- LOCAL PURPOSE ROAD PROVIDES ACCESS TO 39 DWELLING UNITS OR LESS.
- BASE UNDER CURB AND GUTTER SHALL EXTEND TO SAME DEPTH AS STREET BASE (6"MIN.).
- THE CITY TRAFFIC CITY ENGINEER MAY REQUIRE MODIFICATIONS TO PROPOSED LANDSCAPING, BERMS, SLOPES, STREET FURNITURE, WALLS OR STRUCTURES WITHIN THE SIDEWALK AREA 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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