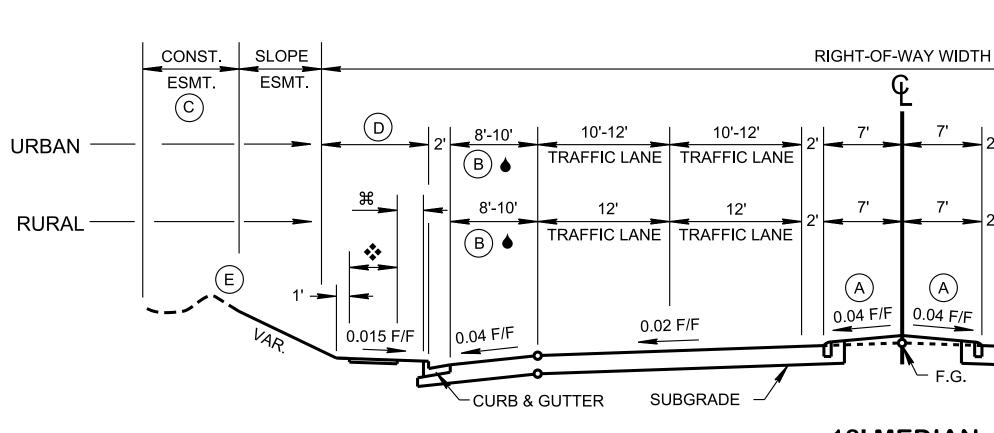
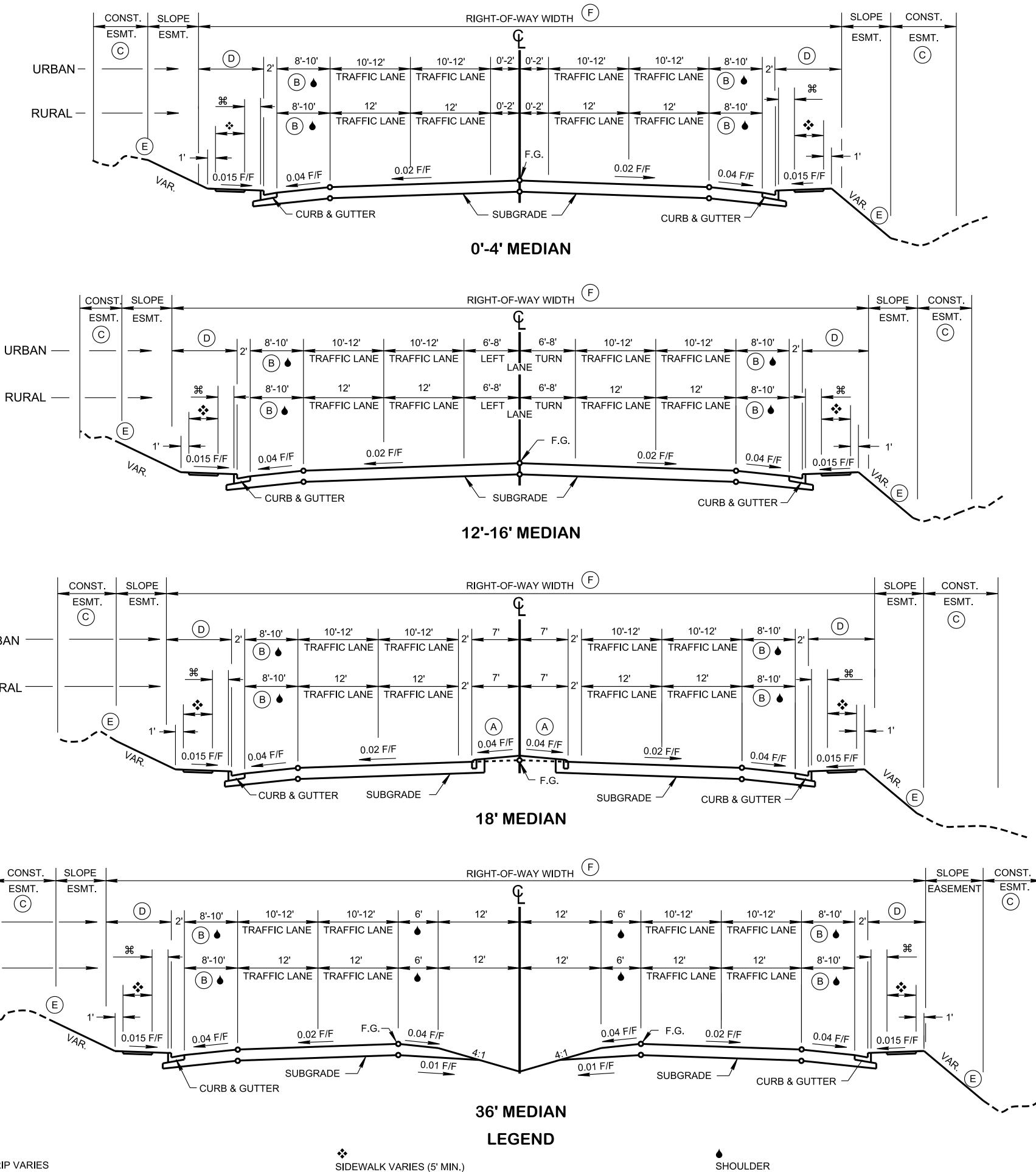
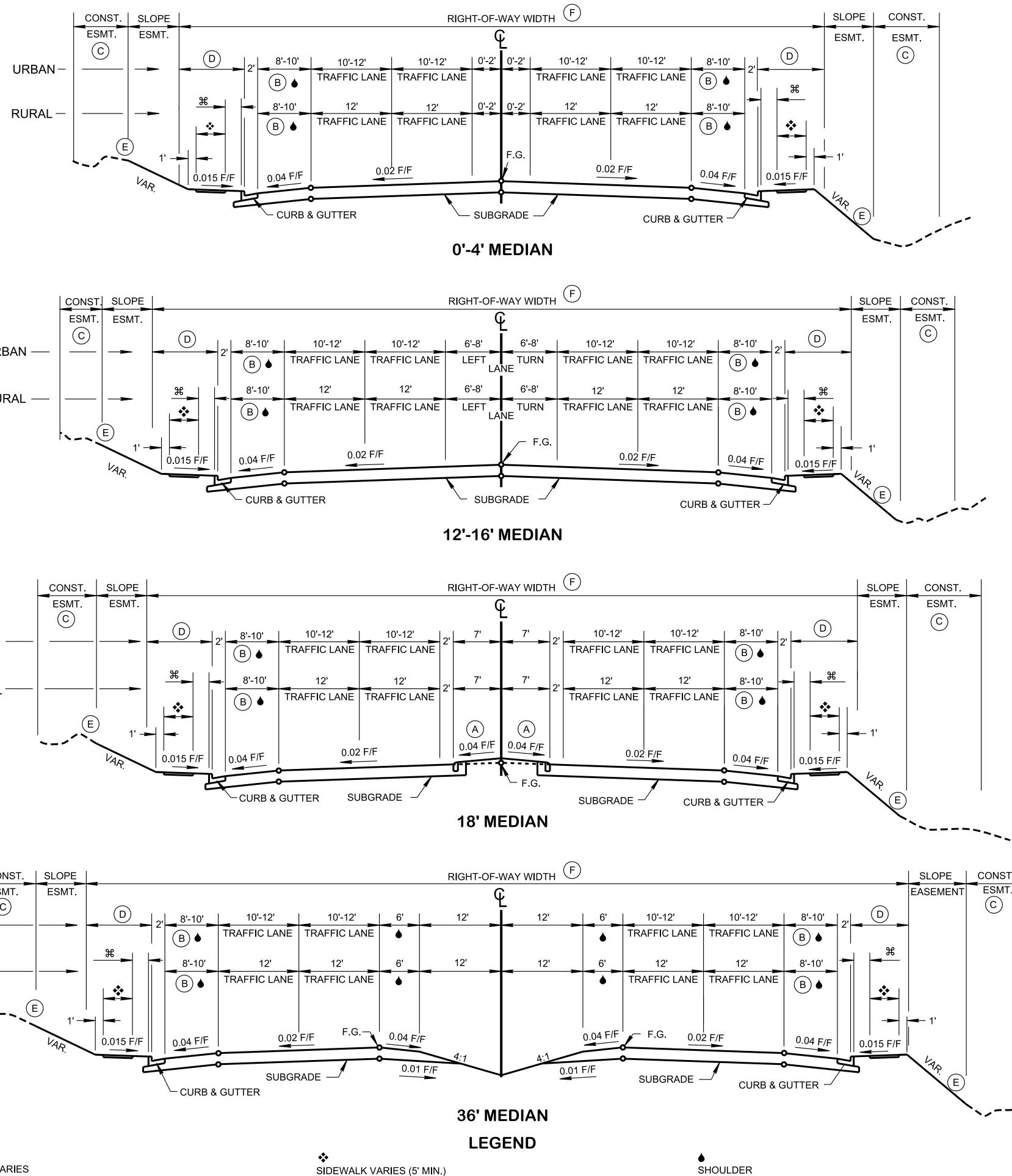


CURB & GUTTER SUBGRADE CONST. | SLOPE ESMT. ESMT. (C)12' 10'-12' 10'-12' 6' | 8'-10' URBAN TRAFFIC LANE | TRAFFIC LANE | 💧 (B) ♦ H 12' 8'-10' 12' 12' 6' RURAL-TRAFFIC LANE | TRAFFIC LANE | (B) ♦ ** F.G.— 0.02 F/F 0.04 F/F 0.04 F/F 0.015 F/F 0.01 F/F SUBGRADE CURB & GUTTER NOT TO SCALE







DESIGN NOTES MEDIAN CURBS - MEDIAN CURBS WILL BE SLOPING CURBS. VERTICAL CURBS WILL NOT BE PERMITTED. SHOULDER WIDTH - SHOULDER WIDTH WILL BE SPECIFIED IN THE TRANSPORTATION INVESTMENTS REPORT. CONSTRUCTION EASEMENT - 10 FEET MINIMUM IS DESIRABLE. RIGHT-OF-WAY WIDTH - 10 FT. MINIMUM WIDTH BEHIND FACE OF CURB. WHEN THE SIDEWALK IS LOCATED 9 FT OR MORE BEHIND THE FACE OF CURB, RIGHT-OF-WAY SHALL EXTEND 1 FT. BEHIND SIDEWALK. SLOPES - 3:1 SLOPES OR FLATTER ARE DESIRABLE AND ARE THE MAXIMUM IN REGION IV. 2:1 SLOPES ARE APPLICABLE IN AREAS WHERE RIGHT-OF-WAY RESTRICTIONS. ENVIRONMENTAL CONSIDERATIONS. OR COST WARRANTS A STEEPER THAN 3:1 SLOPE.

 (\mathbf{F}) SERVICE APPURTENANCE (LARGE SIGNS STRUCTURES, SIGNAL, LUMINARY AND UTILITY POLES) SHALL BE PLACED OUTSIDE THE PEDESTRIAN ACCESSIBLE SPACE, PREFERABLE OUTSIDE THE SIDEWALK AREA AND INSIDE RIGHT-OF-WAY.

(A)

(B)

 (\mathbf{C})

 \bigcirc

(E)

	GENERAL
1	THESE SECTIONS ARE GENERALLY FOR UR DESIGN SPEEDS OF 45 MILES PER HOUR OF SUBURBAN ROADWAYS WITH DESIGN SPEE ENVIRONMENTAL OR OTHER FACTORS LIM
2	OUTSIDE CURBS - FOR DESIGN SPEEDS OF SHOULD BE USED. FOR DESIGN SPEEDS 45 BE USED.
3	SUPERELEVATION AND MEDIAN BARRIERS AASHTO 2011 AND RD11-SE-SERIES STAND
4	SIDEWALKS - SEE STANDARD DRAWING RD NEXT TO THE CURB. SIDEWALK WIDTH SH ALL SIDEWALKS SHALL BE ADA COMPLIANT
5	ABOVE GROUND UTILITIES - ABOVE GROUN THE SIDEWALK AND CLOSE TO THE BACK C
6	GRASS STRIP - ABOVE GROUND UTILITIES S STRIP. THE GRASS STRIP SHOULD BE 2 FT
7	PARKING - REFERENCE SHOULD BE MADE OF HIGHWAYS AND STREETS" AASHTO, 201
8	BICYCLE AND PEDESTRIAN FACILITIES - RE POLICY OF GEOMETRIC DESIGN OF HIGHW, (GREEN BOOK), (PAGE 5-15 LOCAL ROADS, 6-16 URBAN COLLECTORS, PAGE 7-25 URBA ARTERIALS) AND "GUIDE FOR THE DEVELOP AASHTO 2012 AND "GUIDE FOR THE PLANNI PEDESTRIAN FACILITIES", AASHTO 2017. SE FOR DETAILS.
9	RURAL SECTIONS
	FOR DESIGN SPEED, ALIGNMENT, GRADE, A TO THE FOLLOWING STANDARD DRAWINGS
	LOCAL ROADS - RD11-TS-1A COLLECTOR ROADS - RD11-TS-2, RD ARTERIAL ROADS - RD11-TS-3, RD11
(10)	DESIGN SPEED - URBAN SECTIONS
	URBAN ROADS - DESIGN SPEEDS FOR URB 30-55 MPH WITH LOWER SPEEDS APPLYING AND IN MORE DEVELOPED AREAS, WHILE H TO OUTLYING SUBURBAN AND DEVELOPING
	COLLECTOR ROADS - DESIGN SPEEDS OF 3 CONSIDERATION GIVEN TO AVAILABLE RIGI DEVELOPMENT, AND PEDESTRIAN PRESEN THRU 6-16 FOR ADDITIONAL INFORMATION.
	LOCAL ROADS - DESIGN SPEED IS NOT A M DESIGN ELEMENTS DESIGN SPEEDS RANGI
(11)	GENERAL DESIGN CONSIDERATIONS AND OURBAN SECTIONS
	SEE "A POLICY OF GEOMETRIC DESIGN (2011 (GREEN BOOK).
	LOCAL ROADS - PAGES 5-11 THRU 5 COLLECTORS ROADS - PAGES 6-11 ARTERIAL ROADS - PAGES 7-26 THR

(12) SUBURBAN ROADWAYS - FOR DESIGN OF ARTERIAL AND COLLECTOR ROADWAYS WHETHER THE FACILITY SHOULD BE DESIGNED TO URBAN OR RURAL STANDARDS.

(FOR BIKE ACCOMMODATION DESIGN GUIDANCE SEE STD. DWG. MM-TS-1)

NOTES

RBAN AND SUBURBAN ROADWAYS WITH OR LESS OR FOR RURAL AND EDS OF 55 MPH OR LESS WHERE VIT THE RIGHT-OF-WAY AVAILABLE.

F LESS THAN 45 MPH, A 6" VERTICAL CURB 45-55 MPH. 6 INCH SLOPING CURBS SHALL

- SEE "ROADSIDE DESIGN GUIDE", DARD DRAWINGS.

RD11-TS-6B WHEN SIDEWALK IS LOCATED HOULD BE A MINIMUM OF FIVE FEET WIDE.

ND UTILITIES SHOULD BE LOCATED BEHIND OF RIGHT-OF-WAY.

S SHALL NOT BE PLACED IN THE GRASS T. TO 5 FT. WIDE.

TO "A POLICY OF GEOMETRIC DESIGN 011 (GREEN BOOK), ARTERIALS- PAGE 7-34.

EFERENCE SHOULD BE MADE TO "A VAYS AND STREETS" AASHTO, 2011 PAGE 6-7 RURAL COLLECTORS, PAGE AN ARTERIALS, AND PAGE 7-41 RURAL OPMENT OF BICYCLE FACILITIES", NING, DESIGN AND OPERATION OF SEE STANDARD DRAWING NO. MM-TS-1 & 2

AND OTHER DESIGN STANDARDS REFER S AS APPROPRIATE:

RD11-TS-2A, RD11-TS-2B 11-TS-3A, RD11-TS-3B, RD11-TS-3C

BAN ARTERIALS GENERALLY RANGE FROM G IN CENTRAL BUSINESS DISTRICTS HIGHER SPEEDS ARE MORE APPLICABLE NG AREAS.

30 MPH OR HIGHER SHOULD BE USED WITH GHT-OF-WAY, TERRAIN, ADJACENT NCE. SEE PAGE 2-53 THRU 2-58 AND 6-11

AJOR FACTOR, FOR CONSISTENCY IN SING FROM 20-30 MPH MAY BE USED.

CROSS-SECTIONAL ELEMENTS -

OF HIGHWAYS AND STREETS" AASHTO,

5-19 THRU 6-16 ARTERIAL ROADS - PAGES 7-26 THRU 7-38

DESIGNERS SHOULD FOLLOW GUIDANCE FOR URBAN SECTIONS. FOR LOCAL ROADS CONSIDERATION SHOULD BE GIVEN TO THE CONTEXT OF THE ROADWAY REGARDING

