LATERAL OFFSET/BUFFER DETAILS

ROADWAY SHOULDER

SEE STD. DWG. MM-BPR-1 FOR

PEDESTRIAN RAIL REQUIREMENTS

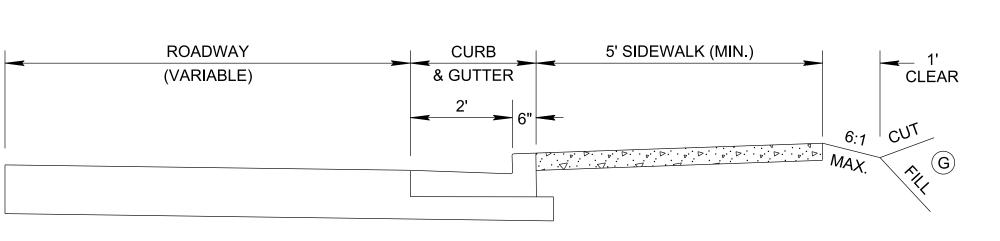
FORESLOPE 10:1 2'-0" MIN.

OFFSET

SEE NOTE (C)

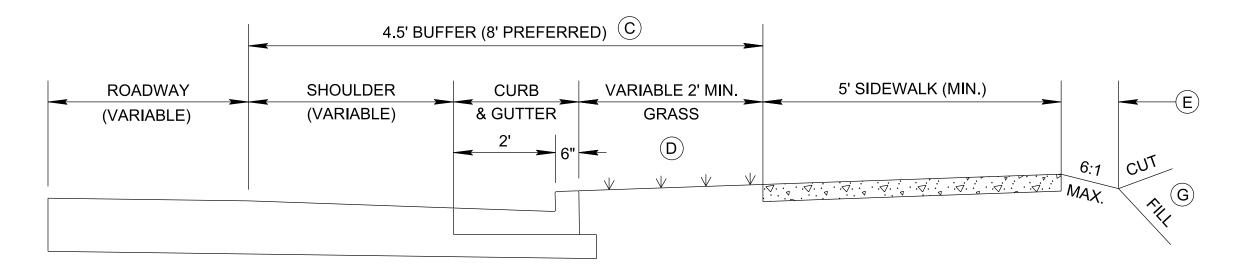
■ REV. 01-07-19: REVISED DIMENSIONS TO ALIGN WITH SECTION 9 OF DESIGN GUIDELINES. REVISED DRAWING NAME AND THE GENERAL NOTES. REDREW SHEET.

REV. 06-15-21: ADDED EXAMPLE FOR SHARED USE PATH ON HIGH SPEED FACILITY WHEN MINIMUM BUFFER COULD NOT BE MAINTAINED USE POSITIVE PROTECTION.



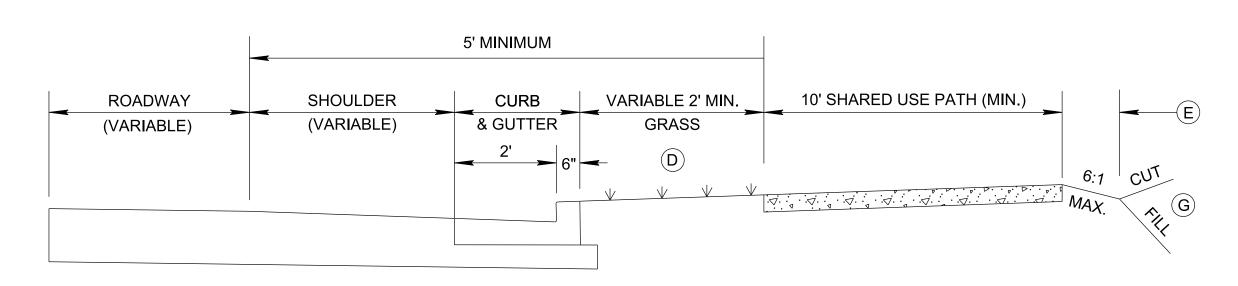
SIDEWALK ADJACENT TO CURB & GUTTER

POSTED SPEEDS ≤ 35 MPH (H)



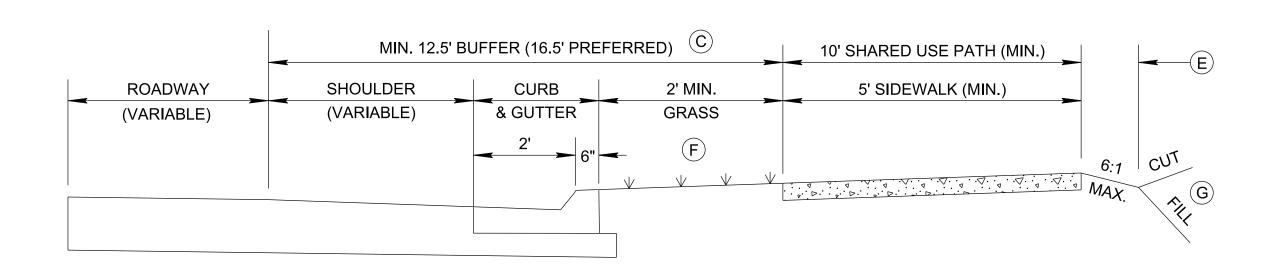
SIDEWALK W/ GRASS STRIP BEHIND CURB & GUTTER

POSTED SPEED = 40 MPH (H)



SHARED USE PATH W/ GRASS STRIP BEHIND CURB & GUTTER

POSTED SPEEDS ≤ 40 MPH (H)



SIDEWALK OR SHARED USE PATH W/ GRASS STRIP BEHIND CURB & GUTTER

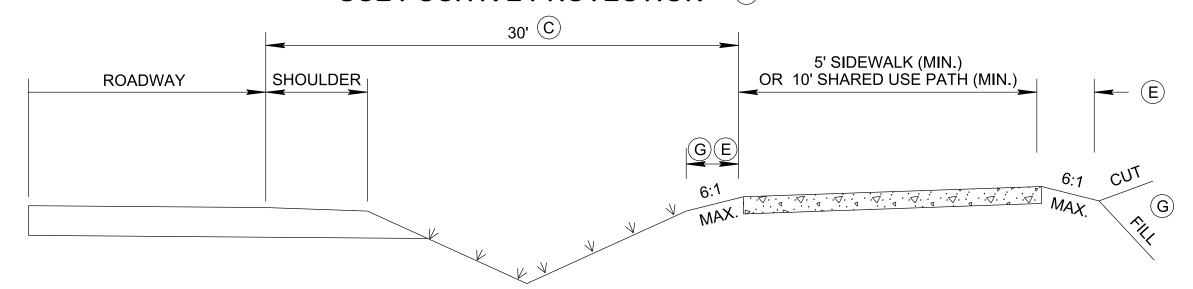
POSTED SPEEDS 45 TO 55 MPH (H)

SHARED USE PATH ON HIGH SPEED FACILITY WHEN MINIMUM BUFFER (12.5 FT) COULD NOT BE MAINTAINED USE POSITIVE PROTECTION K

1.5 % MAX.

10'-0" MIN. PEDESTRIAN AND BIKE PATH

SEE NOTE(A)



2'-0" MIN.

SEE NOTE C

6:1 SLOPE

SEE MM-BPR-1

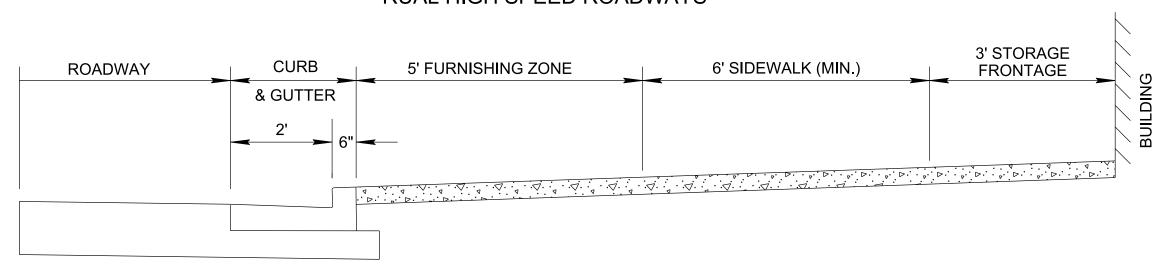
FOR EDGE DROPOFF

PROTECTION GUIDANCE

EXIST. GROUND

SIDEWALK OR SHARED USE PATH ON HIGH-SPEED FACILITY

RUAL HIGH SPEED ROADWAYS



SIDEWALK IN CENTRAL BUSINESS DISTRICT/COMMERCIAL AREA

POSTED SPEEDS ≤ 35 MPH (DESIGN SPEEDS ≤ 40 MPH)

GENERAL NOTES

- (A) THE INTENT OF THIS DRAWING IS TO PROVIDE MINIMUM AND PREFERRED PEDESTRIAN BUFFER DESIGN CRITERIA FOR NEW, RECONSTRUCTION, AND RESURFACING PROJECTS.
- (B) SEE STD. DWG. MM-SW-1 FOR CONCRETE SIDEWALK DETAILS.
- A SHOULDER/ PARKING LANE/ OR BIKE LANE CAN BE UTILIZED IN PLACE OF A GRASS STRIP (OR IN COMBINATION WITH A GRASS STRIP) TO MEET THE MINIMUM BUFFER REQUIREMENT SEPARATING PEDESTRIAN FACILITIES FROM THE TRAFFIC LANE. WHEN THE MINIMUM BUFFER REQUIREMENTS CANNOT BE MET ON NEW CONSTRUCTION OR RECONSTRUCTION PROJECTS, A MULTIMODAL DESIGN DEVIATION FORM SHALL BE COMPLETED AND SUBMITTED TO TDOT HEADQUARTERS DESIGN. FOR ADDITIONAL INFORMATION REFER TO SECTION 9 OF TDOT'S DESIGN GUIDELINES.
- (D) TYPICALLY GRASS STRIP. AREA CAN BE PAVED TO CREATE A FURNISHING ZONE.
- (E) 1' CLEAR ZONE FOR SIDEWALKS (MIN.), 2' CLEAR ZONE FOR SHARED USE PATHS (MIN.)
- BARRIER BETWEEN SIDEWALK/SHARED USE PATH AND ROADWAY SHOULD BE USED WHEN SIDEWALK/ SHARED USE PATH IS PLACED WITHIN CLEAR ZONE OR MINIMUM LATERAL OFFSET CANNOT BE MAINTAINED.
- G SEE STD. DWG. MM-BPR-1 FOR GUIDANCE REGARDING SAFETY REQUIREMENTS OR MM-VPR-1 FOR GUIDANCE REGARDING VEHICLE AND PEDESTRIAN SAFETY RAILS.
- (H) POSTED SPEED IS 5 M.P.H. LESS THAN DESIGN SPEED.
- (I) SEE AASHTO, GUIDE FOR THE PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES (CURRENT ADDITION).
- J FOR BUFFERS REFER TO STD. DWG. MM-TS-3, SEPARATED SHARED USE PATH TYPICAL SECTIONS.
- (K) LOCATIONS WHERE 30 FT CLEAR ZONE CANNOT BE PROVIDED, MIN. BUFFER 12.5 FT (16.5 FT PREFERRED)

STATE OF TENNESSEE

STANDARD
DRAWING

DEPARTMENT OF TRANSPORTATION

LATERAL
OFFSETS
FOR SIDEWALK
AND SHARED
USE PATH

08-24-2017

MM-TS-2