DESIGN NOTES

SPLITTER ISLAND SHOULD BE A RAISED MEDIAN WITH CONCRETE HARDSCAPING (PREFERRED) SPLITTER ISLAND SHOULD EXTEND A MINIMUM OF 50' FROM THE YIELD LINE. SEE STD. DWG. MM-CR-4 FOR ADDITIONAL DETAILS OF MEDIAN CROSSINGS.

LANDSCAPED OR GRASS

END OF 5' BIKE

LANE OR ROADWAY

SHOULDER

INSCRIBED CIRCLE DIAMETER (ICD)

CENTRAL ISLAND DIAMETER

INNER LANDSCAPED ZONE

PERIMETER LANDSCAPED ZONE

WIDTH VARIES TO ENSURE ADEQUATE STOPPING SIGHT

DISTANCE (UNOBSTRUCTED HORIZONTAL CLEARANCE) (6' MIN. WIDTH) (2' MAX. LANDSCAPING HEIGHT)

6:1 MAX.

SIDEWALK

3.5' (MIN.) TO 6' (MAX.)

GROUND ELEVATION

FINISHED

GRADE

GUTTER (TYP.)

- DETECTABLE WARNING SURFACE SHALL BE INSTALLED AT BOTH SIDES OF THE SPLITTER ISLAND STD. DWG. MM-CR-1 FOR DETAILS
- SIDEWALK SHOULD BE WIDENED TO A SHARED USE PATH (SUP) TO ACCOMMODATE BOTH BICYCLES AND PEDESTRIANS AT THE ROUNDABOUT. SEE STANDARD DRAWING MM-SW AND MM-TS SERIES FOR ADDITIONAL DETAILS.
- SEE STANDARD DRAWINGS MM-PM SERIES FOR SIGNING AND PAVEMENT MARKINGS FOR SHARED USE PATHS AND BICYCLE LANES. CROSSWALK MARKINGS AND CURB RAMPS MAY BE OMITTED AT RURAL LOCATIONS WHERE SIDEWALK IS NOT PRESENT.

GENERAL NOTES

- SLOPING CONCRETE CURB SHOULD BE USED BETWEEN CIRCULATOR ROADWAY AND TRUCK APRON UNLESS OTHERWISE NOTED. 6" DETACHED CONCRETE CURB SHOULD BE USED BETWEEN THE TRUCK APRON AND THE CENTRAL ISLAND. SEE STANDARD DRAWINGS RP-SC-1 FOR SLOPING CURB AND RP-VC-10 FOR 6" DETACHED CONCRETE CURB.
- THE CROSS SLOPE OF THE LANDING AREA SHALL BE 1.5% IN THE SIDEWALK AREA.
- SPLITTER ISLAND SIZE AND SHAPE WILL BE DETERMINED BY THE ROADWAY DEFLECTION.
- (D) THE FINISH ON THE TRUCK APRON SHOULD CREATE A CONTRAST IN COLOR OR TEXTURE BETWEEN THE CIRCULATORY ROADWAY AND THE APRON. THIS CAN BE ACCOMPLISHED WITH THE USE OF STAMPED AND COLORED CONCRETE. THE TDOT APPROVED COLOR FOR TRUCK APRONS IS FHWA INSIGNIA RED (FS #11136, HEX #9B2F25). SIDEWALKS SHALL NOT BE THE SAME COLOR AS THE APRON.
- UNLESS OTHERWISE NOTED ON PLANS, THE CIRCULATORY ROADWAY SHOULD BE CONSTRUCTED OF ASPHALT. THE USE OF CONCRETE PAVEMENT SHALL BE ON A CASE-BY-CASE BASIS.
- SEE STANDARD DRAWINGS: RD18-RTS-SERIES FOR ROUNDABOUT STANDARDS, T-M-17 FOR PAVEMENT MARKING DETAILS FOR ROUNDABOUTS AND T-S-25 FOR SIGNING DETAILS FOR ROUNDABOUTS.

PAYMENT:

ITEM NO. 702-03,

RAMP DEPARTURE ANGLE 20° - 45°

- ALL COST FOR BICYCLE EXIT AND ENTRANCE RAMPS TO BE INCLUDED IN COST OF SIDEWALK, ITEM NO. 701-01.01, CONCRETE SIDEWALK (4"), PER S.F., OR ITEM NO. 701-01.02, CONCRETE SIDEWALK (6"), PER S.F.
- (H) ALL COST FOR CONSTRUCTING A TRUCK APRON INCLUDING MORTARED BRICK OR CONCRETE PAVERS, MORTAR SETTING BED AND CONCRETE BASE WILL BE INCLUDED IN, ITEM NO. 604-01.01, CLASS A CONCRETE (ROADWAY), PER C.Y.

CONCRETE COMBINED CURB AND GUTTER,

PER C.Y.

PAYMENT FOR SLOPING CURB AND CURB & GUTTER AND 6" DETACHED CONCRETE CURB WILL BE AS FOLLOWS: CONCRETE CURB. ITEM NO. 702-01, PER C.Y.,

STATE OF TENNESSEE STANDARD DRAWING **DEPARTMENT OF TRANSPORTATION** STANDARD

CONSTRUCTION **DETAILS** FOR ROUNDABOUTS

05-04-2022

RD18-RTS-3

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