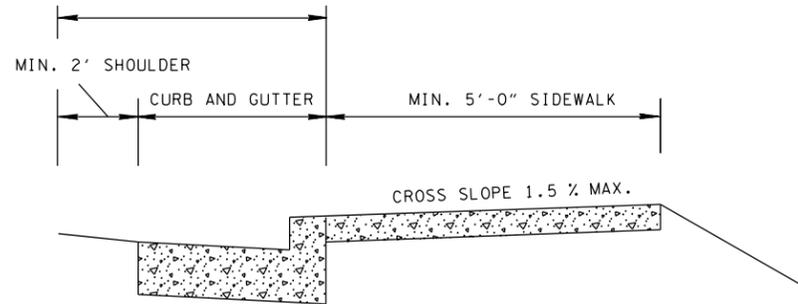
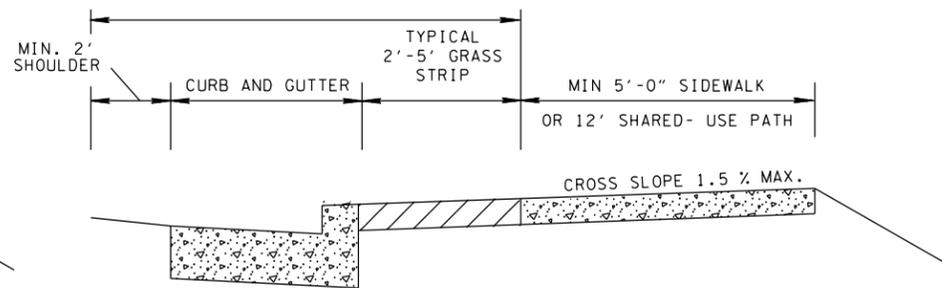


MIN 3' OFFSET FOR LOW-SPEED FACILITIES
MIN 7' OFFSET FOR HIGH-SPEED FACILITIES



TYPICAL SIDEWALK CROSS SECTION

MIN 5' OFFSET FOR LOW-SPEED FACILITIES
MIN 7' OFFSET FOR HIGH-SPEED FACILITIES



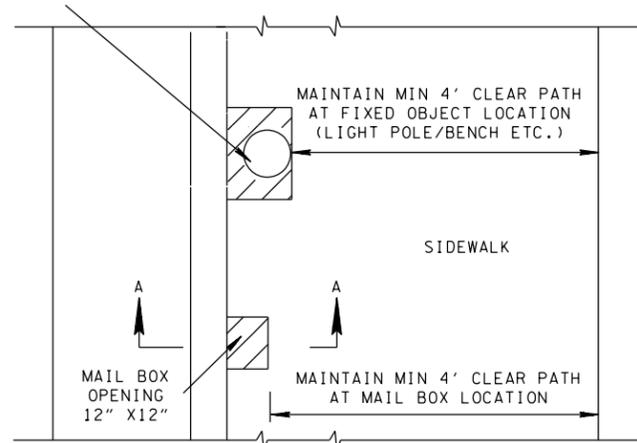
TYPICAL SIDEWALK CROSS SECTION WITH GRASS STRIP

REFERENCED STANDARD DRAWINGS

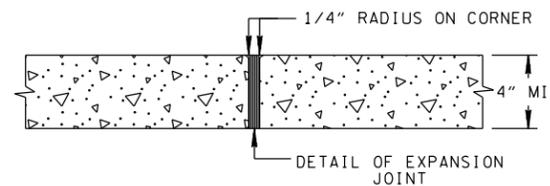
SEE T-M-4 FOR CROSS WALK MARKING
SEE RP-H-SERIES FOR CURB RAMP DETAILS
SEE S-BPR-1 FOR PEDESTRIAN RAIL REQUIREMENTS
SEE RP-S-9 FOR ALTERNATE PEDESTRIAN FACILITY DETAILS FOR REHABILITATION PROJECTS
SEE RP-MC-1 OR 2 FOR CURB AND GUTTER DETAILS
SEE RP-NMC-10 OR 11 FOR NON-MOUNTABLE CURB AND GUTTER DETAILS
SEE T-M-10, 11, 12, 13, 14, FOR BIKE LANE/ROUTE PAVEMENT MARKINGS
SEE RD01-TS-8 FOR SHARED USE PATH DETAILS

- REV. 7-1-72: CHANGED DEPARTMENT NAME.
- REV. 1-1-76: CHANGED DWG. NO. FROM P-5-7a(68) TO RP-S-7.
- REV. 5-14-87: ADDED EXPANSION JOINTS BETWEEN CURB AND SIDEWALK.
- REV. 4-15-91: REDREW, RENAMED AND REORGANIZED SHEET. MOVED INFORMATION REGARDING CONCRETE STEPS TO DWG. NO. RP-S-8.
- REV. 7-29-96: CHANGED GENERAL NOTE (C).
- REV. 5-7-13: ADDED MAIL BOX DETAIL.
- REV. 6-4-13: REVISED NOTES (C) AND (D) AND ADDED NOTE (L).
- REV. 11-25-13: REVISED NOTE (Z).
- REV. 2-5-16: REDRAWN, REVISED NOTES.

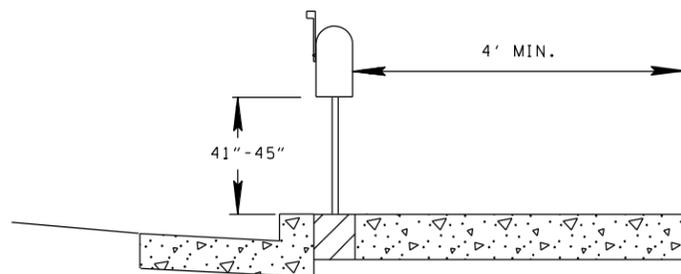
LEAVE SQUARE OPENING IN SIDEWALK. THE LENGTH OF THE SIDE OF THE SQUARE OPENING SHOULD BE EQUAL TO THE DIAMETER OF THE FIXED OBJECT PLUS SIXTEEN INCHES, IT WILL BE BORDERED BY HALF INCH EXPANSION JOINT.



SIDEWALK CONSTRUCTION DETAILS PLAN VIEW



EXPANSION JOINT DETAIL



SECTION A-A MAIL BOX DETAIL

LEAVE 12"X12" OPENING IN SIDEWALK FOR MAIL BOX POST. ORIENT BOXES TO FACE THE DIRECTION OF ONCOMING TRAFFIC. EDGE OF MAIL BOX SHALL NOT OVERHANG BEYOND THE FACE OF THE CURB. NOR SHALL THE MAIL BOX OVERHANG THE SIDEWALK SUCH THAT THE USABLE WIDTH IS LESS THAN 4 FEET.

GENERAL NOTES

- (A) ALWAYS PLACE SIDEWALK AS FAR AS AWAY FROM THE TRAVELLED WAY WHEN POSSIBLE FOR SPECIFICATIONS SEE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION.
- (B) WHERE IT BECOMES NECESSARY TO REMOVE PARTS OF EXISTING CONCRETE SIDEWALKS OR RAMPS, THE RESULTING EDGES SHALL BE CUT TO A NEAT LINE, AND ANY OFFSETS IN SUCH LINES SHALL BE MADE AT RIGHT ANGLES.
- (C) SIDEWALK WIDTHS DO NOT INCLUDE THE SIX INCH CURB WIDTH OF PROPOSED TOP OF CURB.
- (D) DESIREABLE SIDEWALK CROSS SLOPE IS 1.5%, ABSOLUTE MAXIMUM IS 2.0%.

CONSTRUCTION NOTES

- (E) EXPANSION JOINTS ARE TO BE PLACED 25 TO 30 FEET APART DEPENDING ON TRANSVERSE JOINT MARKINGS AND NEED TO MATCH CURB EXPANSION JOINT WHERE SIDEWALK IS BUILT DIRECTLY AGAINST CURB, OR AS DIRECTED BY THE ENGINEER WHERE THE PROPOSED SIDEWALK IS IN CONTACT WITH THE STREET RETURNS, ON BUILDING LINES PRODUCED AT STREET INTERSECTIONS, WHERE WALKS LEAD TO HOUSE OR OTHER ENTRANCES AND ANY OTHER LOCATIONS WHERE STRESSES MAY DEVELOP. THE COST OF ALL EXPANSION JOINTS IS TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PROPOSED SIDEWALK.
- (F) CONCRETE JOINT MATERIAL TO BE FLUSH WITH THE SIDEWALK SURFACE, HALF INCH AND/OR ONE INCH PREMOLDED FIBER IN ACCORDANCE WITH SECTION 905 OF THE STANDARD SPECIFICATIONS.
- (G) ONE INCH EXPANSION JOINTS ARE TO BE PLACED WHERE THE PROPOSED SIDEWALK IS IN CONTACT WITH CIRCULAR CURBS, BUILDINGS AND/OR RETAINING WALLS.
- (H) HALF INCH EXPANSION JOINTS ARE TO BE USED AT ALL OTHER LOCATIONS.
- (I) LONGITUDINAL JOINT MARKINGS WILL NOT BE REQUIRED ON SIDEWALKS 5 FEET OR LESS IN WIDTH.
- (J) ONE LONGITUDINAL JOINT MARKING WILL BE REQUIRED ON SIDEWALKS OVER 5 FEET BUT LESS THAN 9 FEET IN WIDTH.
- (K) TWO LONGITUDINAL JOINT MARKINGS WILL BE REQUIRED ON SIDEWALKS OVER 9 FEET BUT LESS THAN 12 FEET IN WIDTH.
- (L) TRANSVERSE JOINT MARKINGS ARE TO BE MADE TO FORM BLOCKS AS NEARLY TO SQUARE AS PRACTICAL.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
CONCRETE
SIDEWALKS

1-19-96 RP-S-7