

NOTES:

- MATERIAL PER SW-2 SIDEWALK DETAILS LEGEND NOTE 2.
- (2)12 IN. X 6 IN. X 3/8 IN. GALVANIZED STEEL TUBE (A36) WITH 4 IN. X 1/2 IN. Ø STUDS PLACED 4 IN. FROM EACH END AND AT MAXIMUM SPACING OF 12 IN. THE TOP SURFACE OF THE TUBE SHALL RECEIVE A SLIPNOT STEEL GRIP PLATE® (GRADE 3 COARSE) COATING AS MANUFACTURED BY TRACTION TECHNOLOGIES HOLDINGS, LLC (1-800-SLIPNOT) OR EQUIVALENT AND THEN THE ENTIRE TUBE WITH STUDS ATTACHED SHALL BE HOT DIP GALVANIZED (GRADE 3 COARSE). TOP OF STEEL TUBE TO BE FLUSH WITH TOP OF ADJOINING CONCRETE "SADDLE."
- (3) ENGINEER SHALL PERFORM AND PROVIDE HYDRAULIC CALCULATIONS AND ESTABLISH ADEQUACY OF DRAINAGE TUBE.
- (4) CONCRETE EXPANSION JOINT. THE SIDEWALK SCUPPER WITH ADJOINING CONCRETE "SADDLE" SHALL BE PLACED PER THIS STANDARD DETAIL TO REQUIRED GRADES PRIOR TO PLACEMENT OF ADJACENT SIDEWALK SECTIONS AND SHALL INCLUDE CONCRETE EXPANSION JOINTS PER ST-9 AND AS SHOWN ON THIS STANDARD DETAIL WITH NON-SLEEVED PORTION OF 3/4 IN. Ø 24 IN. LONG SMOOTH DOWELS PLACED IN THE CONCRETE "SADDLE" AT MAXIMUM SPACING OF 12 IN. WITH MINIMUM DISTANCE OF 3 IN. BETWEEN DOWELS AND 4 IN. X 1/2 IN Ø STUDS.
- SIDEWALK SCUPPER SHALL INCLUDE 10 LF OF NEW CURB AND GUTTER CENTERED ABOUT THE SCUPPER. WHEN CONSTRUCTING THE NEW (5) CURB AND GUTTER EXISTING CURB AND GUTTER SHALL BE SAWED. IF THE SAWCUT WILL BE WITHIN 3 FT. OF AN EXISTING JOINT, THE EXISTING CURB AND GUTTER SHALL BE REMOVED AND REPLACED TO THE NEXT EXISTING JOINT.
- WITHIN THESE LIMITS SCUPPER AND CONCRETE "SADDLE" SHALL CONFORM TO STANDARD CURB AND GUTTER SECTION REF ST-15 & ST-20. (6)(SEE NOTE 5)
- (7)CONCRETE "SADDLE."CLASS A CONCRETE W/ #4 @ 12 IN. OCEW EXTEND FULLY INTO GUTTER PORTION OF NEW CURB AND GUTTER MAINTAINING MIN. 2 IN. CLEARANCE FROM SURFACES.
- (8) TOP OF STEEL TUBE SHALL BE FLUSH WITH TOP OF ADJOINING CONCRETE "SADDLE"
- (9) 1/2 IN. PREFORMED BITUMINOUS JOINT FILLER
- (10)EXPANSION JOINT WITH 2 3/4 IN. DIAM. X 24 IN. LONG SMOOTH DOWEL BARS WITH 3/4 IN DIAM. PVC PIPE SLEEVE WITH CAPPED END. REF. ST-9 FOR ADDITIONAL REQUIREMENTS.
- (11) 5 IN. MIN. MATCH DEPTH OF CONCRETE SIDEWALK OR TRAIL

SIDEWALK SCUPPER TYPE 1

(NO SCALE)



ENGINEERING DIVISION

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