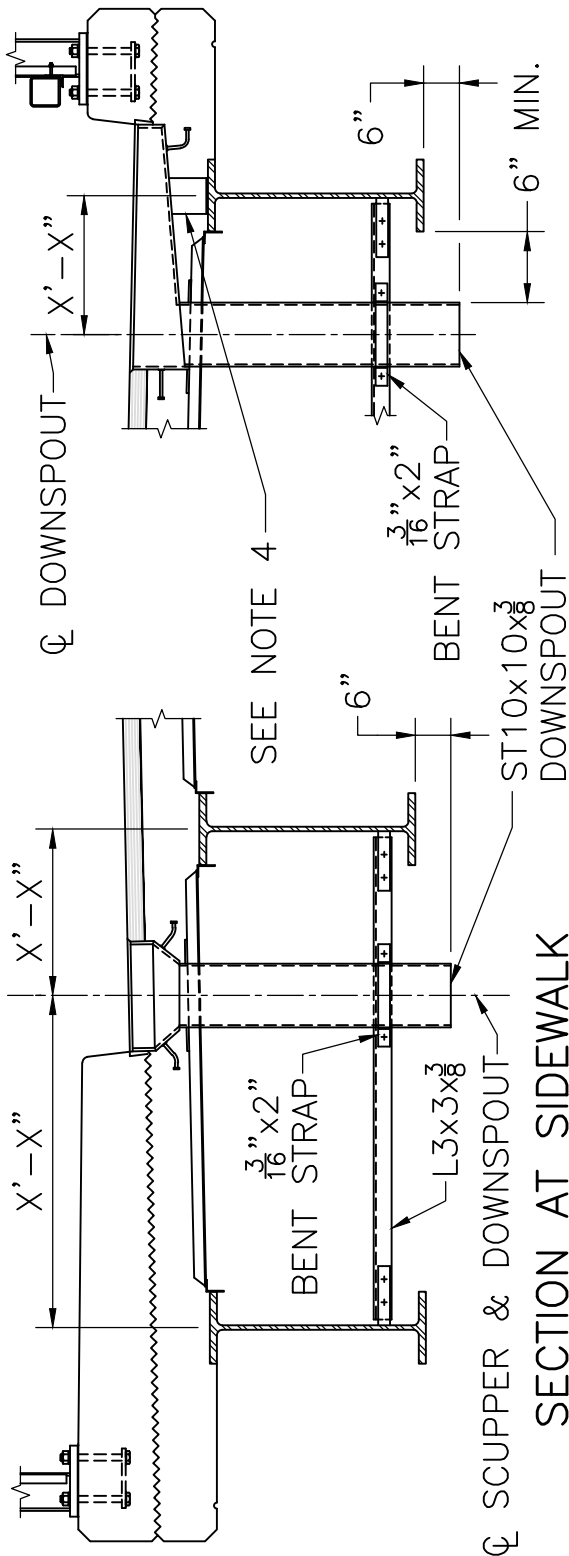


SCUPPER SECTIONS

DRAINAGE DETAILS

DATE OF ISSUE
 JUNE 2013

DRAWING NUMBER
7.3.2



SECTION AT SIDEWALK

NOTES:

1. ALL STEEL PLATES SHALL BE AASHTO M 270 GRADE 36 AND SQUARE TUBE SHALL BE ASTM A 500 GRADE A OR B.
2. ALL WELDS SHALL BE CONTINUOUS. ALL JOINTS SHALL BE WELDED USING TWO-SIDED $\frac{1}{4}$ " FILLET WELDS OR $\frac{1}{4}$ " PJP WELDS WITH A BACKING SEAL WELD, AS APPLICABLE.
3. ALL STEEL TO BE HOT-DIP GALVANIZED. 10" SQUARE TUBE TO BE GALVANIZED AND PAINTED TO MATCH COLOR OF THE STEEL GIRDERS. (omit paint for non-steel bridges)
4. TEMPORARY SUPPORT IS REQUIRED. SUPPORT DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

SECTION AT SAFETY CURB

SCUPPER SECTIONS

SCALE: $\frac{3}{8}" = 1'-0"$

NOTES:

1. Scupper sections are conceptual and shall be modified to suit structure requirements.
2. Where beam geometry prevents use of scupper detailed on Dwg. No. 7.3.3, the scupper shall be redesigned and detailed consistent with section at safety curb depiction.
3. If grating span or spacing is altered, it shall be designed for HL-93 Live Load and shall be bicycle friendly.