

SHEET SA 3	of	SA 110	F.A.U. RTE.		SECTION	COUNTY		TOTAL SHEETS	SHEET NO.
	-		3578		15V B-1-R-1	COOK		243	124
			STA.			TO STA.			
			FED. R	OAD	DIST. NO.	ILLINOIS	FED.	AID PROJ	ECT
							CONT	RACT NO.	62388

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 241B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be subslituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111. The Contractor shall take appropriate measures to assure that

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the Grate, Frame, Dcwnspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-11.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi (206.8 MPa) min. may be used in lieu of the cast iron or steel equivalent.

<u>'2" (13)</u>	$ \begin{array}{c} 6^{"} (152) \\ \hline 11 \\ 11 \\ 12^{"} (38) min., \\ \hline 19p. \\ \hline \end{array} $								
A	NCHOR STUD DETAIL								
3~.33 <sub>8</sub> " (1000)									
BILL OF MATERIAL ITEM UNIT QUANTITY Drainage Scupper, DS-11 Each 34									
<u>DRAINAGE SCUPPER, DS-11</u> <u>STRUCTURE NO.</u>									
REVISIONS NAME DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION         DRAINAGE SCUPPER DETAILS         SOUTHWEST HIGHWAY OVER         B&O RAILROAD AND STONY CREEK         FAU 3578         SECTION 15V B-1-R-1         STRUCTURE NUMBER 016-2771         COOK COUNTY         SCALE: NONE         DATE:         6/17/09         CHECKED BY:								