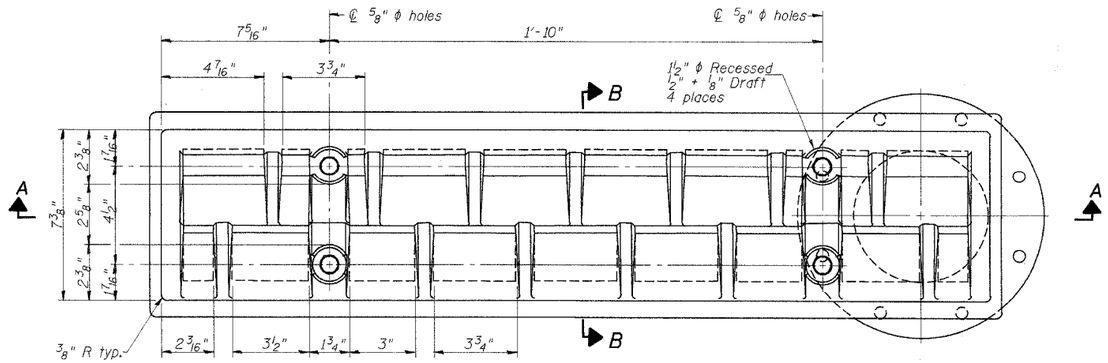
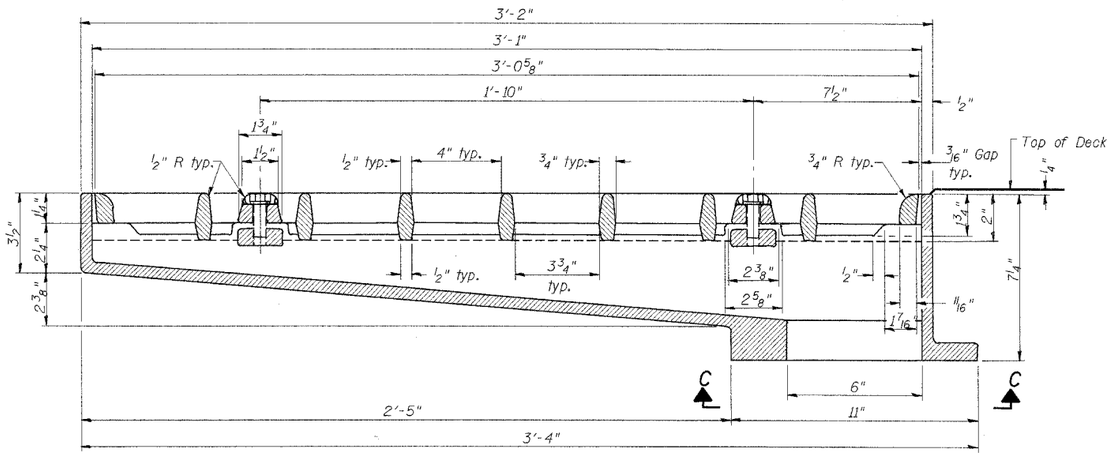
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	97-00025-00-BR	WILL	156	134
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO: 83757

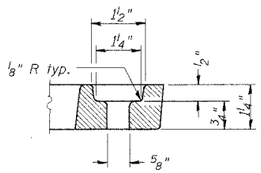


PLAN

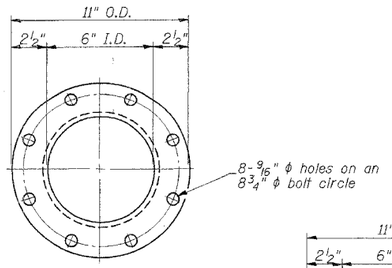


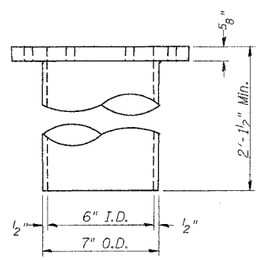
SECTION A-A

See sheet S-05 for scupper location relative to parapet.

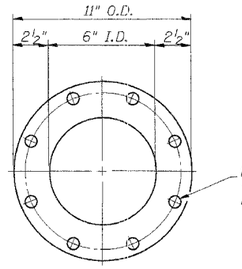


BOLT HOLE DETAIL

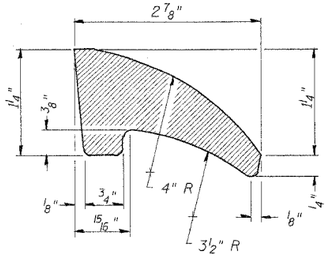




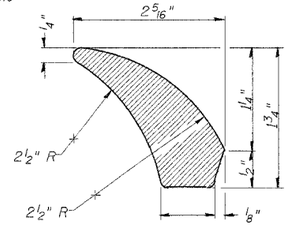
DOWNSPOUT



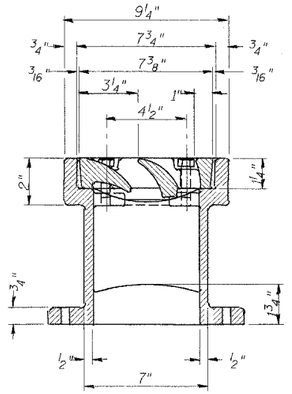
VIEW C-C



FIRST VANE DETAIL



SECOND VANE DETAIL



SECTION B-B

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scupper, DS-33	Each	4

Notes: All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

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

The grate, frame and downspout shall be galvanized according to AASHTO M 111 and ASTM A 385. 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 substituted for cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval.

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

Cost of the Grate, Frame, Downspout, 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-33.

Vane configuration shown for west scupper. Vane configuration shall be mirrored for east scupper. See Sheet S-08 for plan locations.

SHT. S-25

REVISIONS	
NAME	DATE

VILLAGE OF NEW LENOX
F.A.U. (0369) CEDAR ROAD OVER HICKORY CREEK
WILL COUNTY

DRAINAGE SCUPPER DS 33

SCALE: NO SCALE
DRAWN BY: FZD
DATE: 07/01/05
CHECKED BY: KPS

TENG
TENG & ASSOCIATES, INC.
ENGINEERS-ARCHITECTS-PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE 312.616.4000

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