1'-2" tVD. ♣__ Drill and tap scupper for 4 ½" ¢ stainless steel hexagon head bolts with lock washers $B \blacktriangleleft^{\downarrow}$ Drill and tap $\frac{1}{2}$ "-13 $x\frac{3}{4}$ " DP. for $\frac{1}{2}$ " ϕ Anchor Studs PLAN 4 locations 1'-51/8" 1'-44" 1'-2" 6" SECTION A-A See sheet 10 of 34 for scupper location relative to parapet. DESIGNED SSM

CHECKED JLA

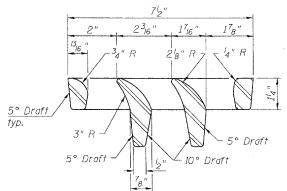
DRAWN GYR

CHECKED SSM

11-1-06

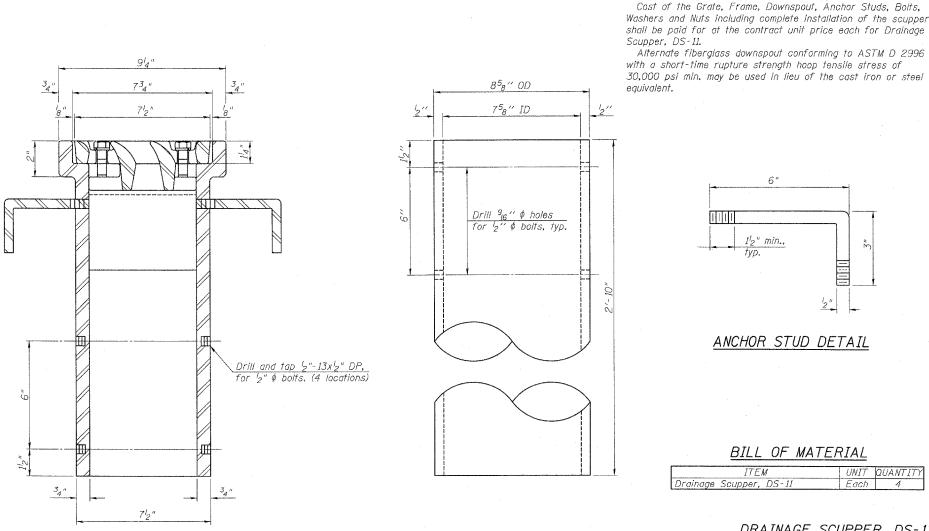
DS-11

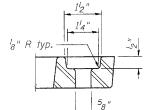
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



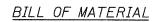
VANE GRATE DETAIL

SECTION B-B





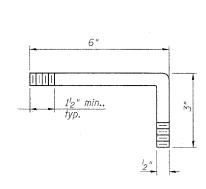
BOLT HOLE DETAIL



ITEM	UNIT	QUANTIT
Drainage Scupper, DS-11	Each	4

DRAINAGE SCUPPER, DS-11 F.A.P. ROUTE 301 (US 20) OVER SIMPSON ROAD SECTION (2HB-1)D WINNEBAGO COUNTY STATION 849+27.97 STRUCTURE NO. 101-0053 (W.B.) STRUCTURE NO. 101-0054 (E.B.)

DOWNSPOUT



SHEET NO.

76

SHEET NO. 11

34 SHEETS

TOTAL

107

COUNTY

WINNEBAGO

All cast iron parts shall be gray iron conforming to the

Bolts, anchor studs, washers and nuts shall conform to the

requirements of ASTM A 307 and shall be galvanized according

Downspouts located on the exterior side of a painted steel

As an alternate, bolts, anchor studs, washers and nuts may be

fascia beam shall be painted with the finish coat specified for

stainless steel according to Article 1006.29(d) of the Standard

configuration may be substituted for the cast iron scupper

weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted

downspouts shall be galvanized according to AASHTO M111. The Contractor shall take appropriate measures to assure that

Protective Coat is not applied to the scupper,

frame. Fillet or full penetration welds shall be used for the

for the cast iron scupper grate. Structural steel frames and

Structural steel weldments of equal sections and of the same

ROUTE NO.

(US 20)

to AASHTO M 232.

Specifications.

Notes:

F.A.P. 301 (2HB

Contract #64B07

the exterior side of the fascia beam.

SECTION

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PRO

requirements of AASHTO M 105, Class 35B,

ANCHOR STUD DETAIL