



BOLT HOLE DETAIL







Date	0
Revisions	
	[
	(
	A
Prepared b	y;

		······			
	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FAU 6998	99-00209-02-PV	VERMILION	72	40
	FED. ROAD DI	ST. NO.	ILLINOIS PROJECT		
ł	CONTRACT NO	91356	·····	·····	
5 <u>5</u> <u>5</u>	<u>° Draft</u> 'p.	$ \begin{array}{c} 7'_{2} \\ 2'' 2_{3_{6}}'' \\ 2'' 2_{3_{6}}'' \\ 2'' 2_{3_{6}}'' \\ 3'' R \\ 3'' R \\ 0raft \\ 0raft \\ \frac{7_{2}}{8''} \\ VANE GRA \end{array} $	17 ₁₆ " 17g" 2'g" R7 - '4" R -5° Di		

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 III 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 appropriate 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-11.

	BILL	OF	MAT	EF	<u> RIAL</u>	
	ITE	M			UNIT	QUANTITY
rainage	Scupper	DS-1	1		Each	2

		DRAINAGE SCUPPER, DS-II	
signed	ACW	WINTER AVENUE OVER STONEY CREEK	Sheet No.
awn	BKN	SECTION 99-00209-02-PV CITY OF DANVILLE, IL	a
ecked	K₩B	VERMILION COUNTY STA. 106+34.70	9
proved	KWB	PROP. STR. NO. 092-6033	of 2 1
UR		3040 North University Avenue Decatur, II. 62526	URS Job No. 36430866
			·····