	RAINAGE SCU
$55^{\circ}g^{\circ}$ dia. $55^{\circ}g^{\circ}$ dia. $43^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g$	
$5^{-5}g^{\mu}$ d/d. $5^{-5}g^{\mu}$ d/d. $6^{-5}g^{\mu}$ $g^{-3}g^{\mu}$	
$\frac{1}{5}$	
$55^{\circ}g^{\circ}$ dia. $55^{\circ}g^{\circ}$ dia. $43^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}g^{\circ}$ $43^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g$	
$\frac{1}{5}$	
$55\frac{g}{g}$ dg. $4\frac{3}{g}$ dg. $4\frac{3}{g}$ dg. $4\frac{3}{g}$ dg. $4\frac{3}{g}$	
$\frac{5}{5}\frac{9}{9}\frac{d}{a}$	
S_{1}	
$\frac{1}{5}$	
5	
$55^{\circ}g^{\circ} dg$, $65^{\circ}g^{\circ}dg$, $g^{\circ}g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g$, $g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}g^{\circ}$	
$\frac{1}{5}$	
$\frac{13^{3}4''}{12^{1}4''}$	
15 ³ 4"	

\602540(57-294)\STRUCTURAL\kedzie over I57\final structure plans-acti

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.

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 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

Protective Coat is not applied to the superstances to assure that

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 Scuppers (Special).

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

Inlet grates shall be of the type safe for bicycles with minimun of HS20 capacity.

Scupper shall be R-3922-A as fabricated by Neenah Foundry or an approved equal.

BILL OF MATERIAL

Drainage Scuppers (Special) Each	9

						9
PPER	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET	3/2
16–1196	57	1313 . 1B-1	СООК	162	83	2
			CONTRACT	NO.	60K14	
SHEETS	ILLINOIS FED. AID PROJECT					