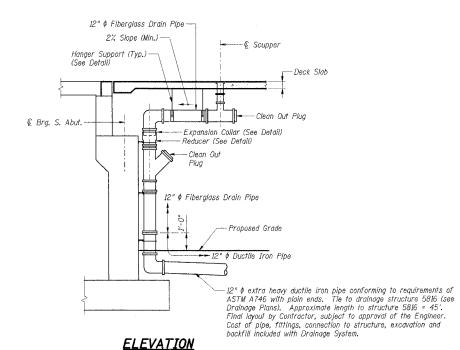


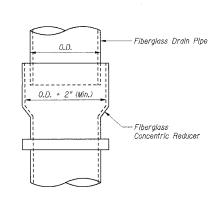
CONTRACT NO. 62304 \*(1516.1, 1717, & 1818) R-4

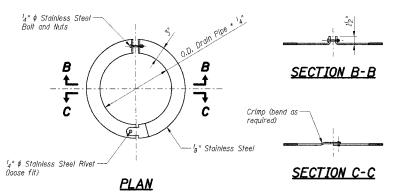
---- € Scupper Drain Pipe -Downspout -— Edge of Deck — Parapet © Girder 1 Scupper, DS-11 € Brg. S. Abut. PARTIAL PLAN



BRACKET SUPPORT DETAIL

C6x13 (Galvanized) (Bracket Type A) Dimension as Req'd - Single coll, flared loop inserts cast in deck\* --- Deck Slab Face of Pier - <sup>3</sup><sub>4</sub>" \$ Stainless Steel Stud Bolts, threaded 3" for insert end and 6" for clamp end, with 2 locknuts. ELEVATION Face of Pier Pipe Clamp Galvanized in accordance with AASHTO M 232 5<sub>8</sub>" ¢ Stainless Steel U-Bolt, – l<sub>B</sub>" Fabric Pad <sup>5</sup>8" ∮ Expansion Anchors — HANGER SUPPORT DETAIL PLAN





## REDUCER DETAIL

<b>EXPANSION</b>	COLLAR	<b>DETAIL</b>

BILL OF MATERIAL			
Item .	Unit	Total	
Drainage System	L. Sum	1	

SHT. S-042		ILLINOIS DEPARTMEN F.A.I. ROUTE 57
REVISIONS		I-57 NB OVER
NAME	DATE	SN 016-0072 OLD
		STA. 2
		COOK COUNTY, SECTION
-		BRIDGE DRA
		DATE: 03/07/06
1		

NT OF TRANSPORTATION 57 (INTERSTATE 57) ER WB CONNECTOR LD, SN 016-2852 NEW
238+73.54
N (1516.1, 1717, & 1818) R-4 AINAGE SYSTEM

DRAWN BY: HBJ CHECKED BY: RDS TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS 205 N. MICHIGAN AVE., CHICAGO, IL 60801 TELEPRINE, 312-515-0000 **TENG** 

\* Inserts for pipe hangers must be cast into concrete bridge deck.