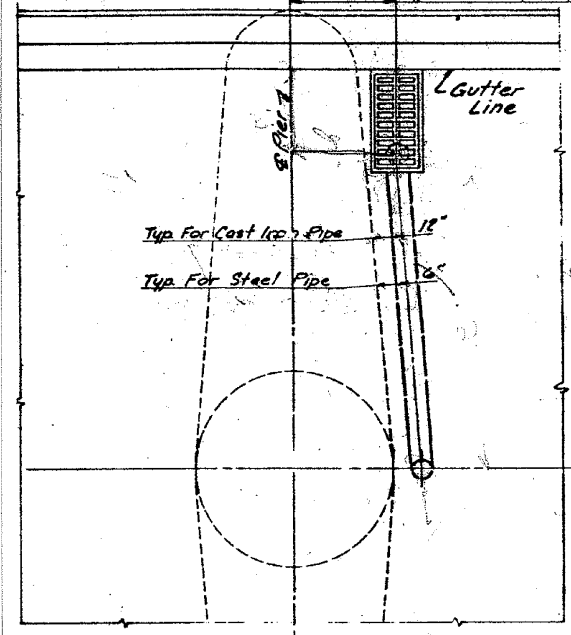
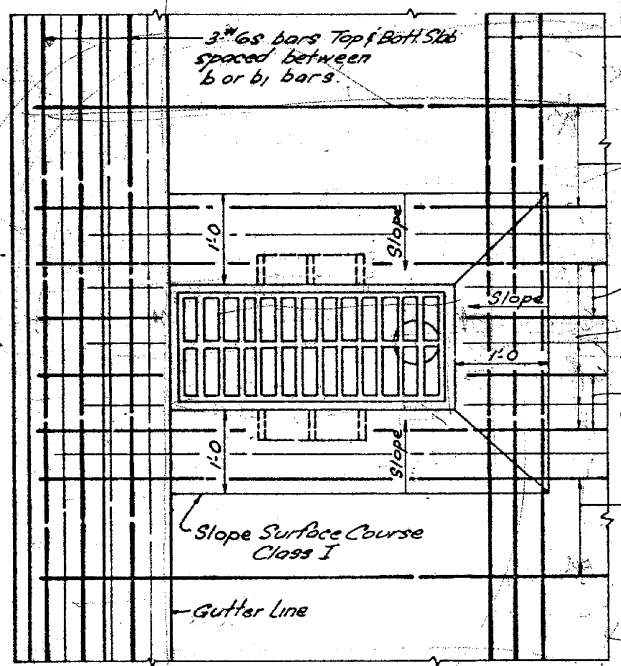


Note:
 * All dimensions along gutter line

- 2'-3" * Typ. For Welded Steel Pipe - Piers 1 thru 6
- 2'-9" * Typ. For Welded Steel Pipe - Piers 7 thru 13
- 2'-9" * Typ. For C.I.B.F.S. Pipe Class 150 - Piers 1 thru 6
- 3'-3" * Typ. For C.I.B.F.S. Pipe Class 150 - Piers 7 thru 13



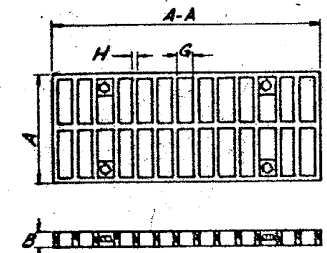
PLAN
SCUPPER LOCATION



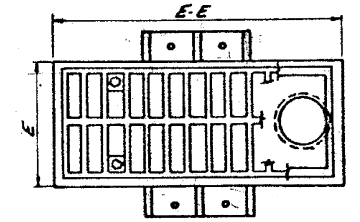
DETAIL 'A'
REINFORCEMENT PLAN
FOR TYPE 'A' SCUPPER

LOCATION	A	AA	B	C	E	EE	F	G	H	J	K	TYPE	SLOPE	PERF.
ABUT. NO. 1, PIER 1 & 2	15'	35 1/2"	1 1/2'	6"	17 1/2'	37 3/4"	20'	2 x 6 1/2"	5/8"	8"	4"	A	X = 3/16"	
PIER 4 THRU 13; ABUT. NO. 2	15'	35 1/2"	1 1/2'	6"	17 1/2'	37 3/4"	18 1/2'	2 x 6 1/2"	5/8"	6 1/2"	4"	A	X = 3/16"	

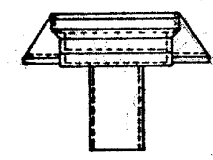
* Type A Scupper located at sta. 7+61.77 without downspout pipe, 6 inch.



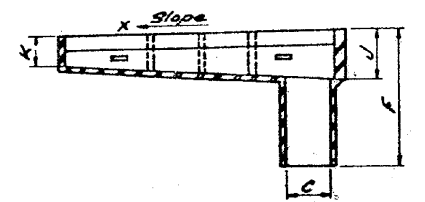
GRATE



PLAN

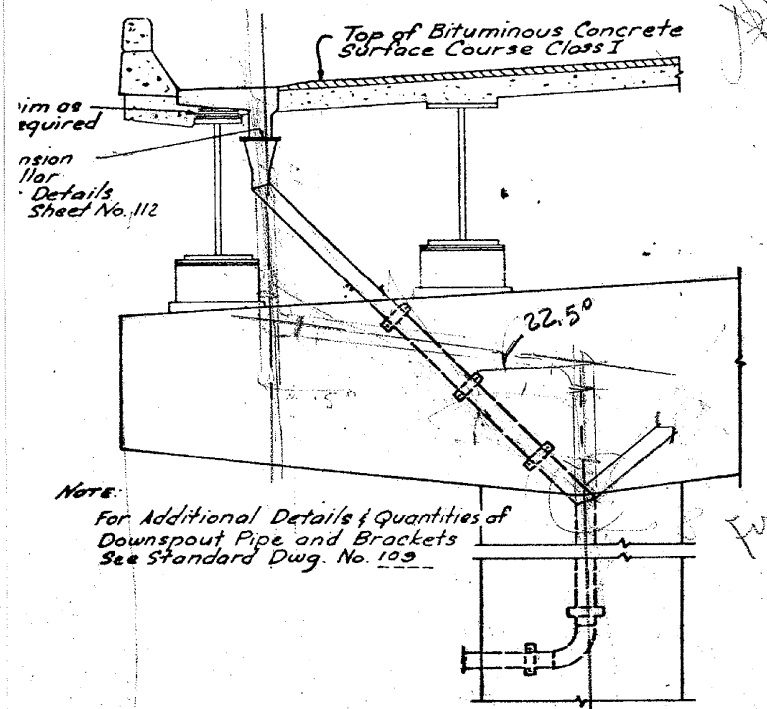


END VIEW

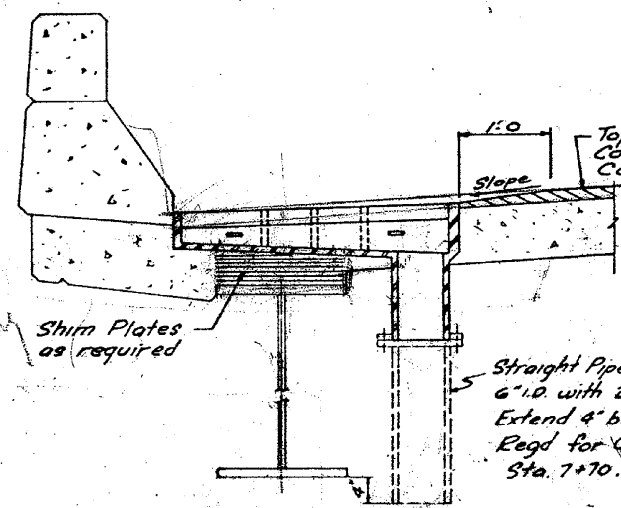


SECTION B-B

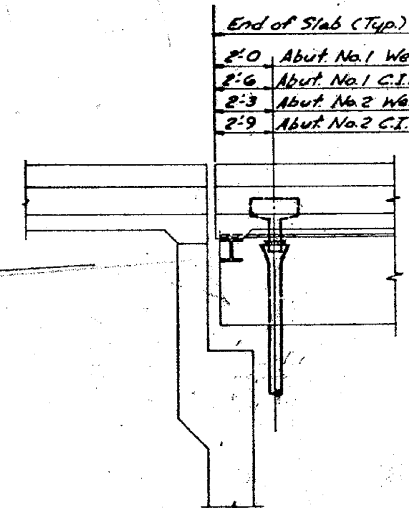
TYPE 'A' SCUPPER



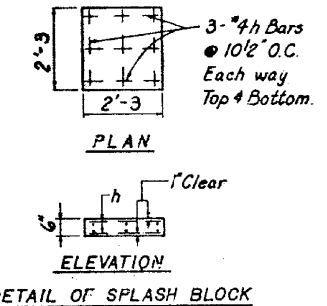
SCUPPER AT PIER



SECTION A-A
SCUPPER INSTALLATION
AT PIER



SCUPPER LOCATION
AT ABUTMENT
Abutment No. 1 Shown
Abutment No. 2 Similar



DETAIL OF SPLASH BLOCK

BILL OF MATERIAL FOR SPLASH BLOCK

BAR	NO.	SIZE	LENGTH
h	12	#4	2'-0"

REINF. BARS LBS. 10
 CLASS Y CONGRU. YDS. 0.1

Note: Quantity shown is for one splash block. No. Regd. 3.

NOTE: - For additional Details of Splash Block See Sheet #109

Note:
 For Additional Details & Quantities of Downspout Pipe and Brackets See Standard Dwg. No. 109

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
 COOK COUNTY, ILLINOIS

GEORGE W. DUNNE
 PRESIDENT BOARD OF COMMISSIONERS

SUPERINTENDENT OF HIGHWAYS

SCUPPER DETAILS
 STONY ISLAND CONNECTOR TO FAI 94
 RAMP Q STRUCTURE

PROJECT: EBU 246 (27)

SCALE: _____

APPROVED: *[Signature]*

F.A. Route No.	COUNTY HWY. Route No.	Sheet No.	Total Sheets	Drawing No.
122	174A	46	109	

2/27/25 PM

12/7/2012

SA:1072_05_CADD_STRUCTURE.dwg 0162437.CADD Sheets:062437-60J12-979-FY15.dgn

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

USER NAME =	DESIGNED -	REVISIONS -
PLOT SCALE =	CHECKED - BAK	REVISIONS -
PLOT DATE = 11/08/2012	DRAWN -	REVISIONS -
	CHECKED -	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
 STRUCTURE NO. 016-2437

SHEET NO. S-78 OF S-83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	241
CONTRACT NO. 60V61				

ILLINOIS FED. AID PROJECT