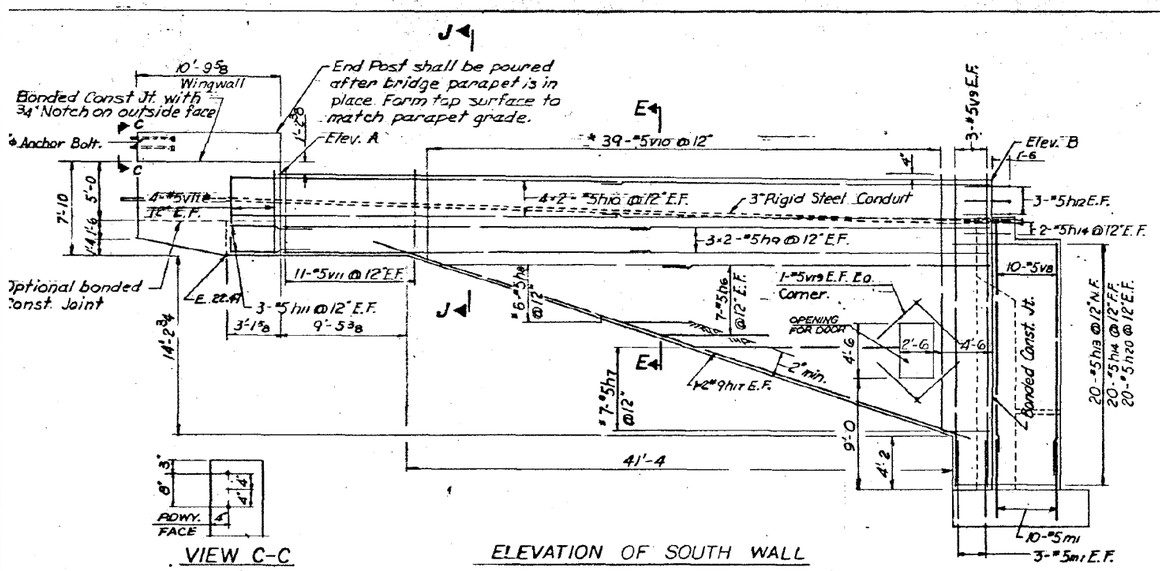
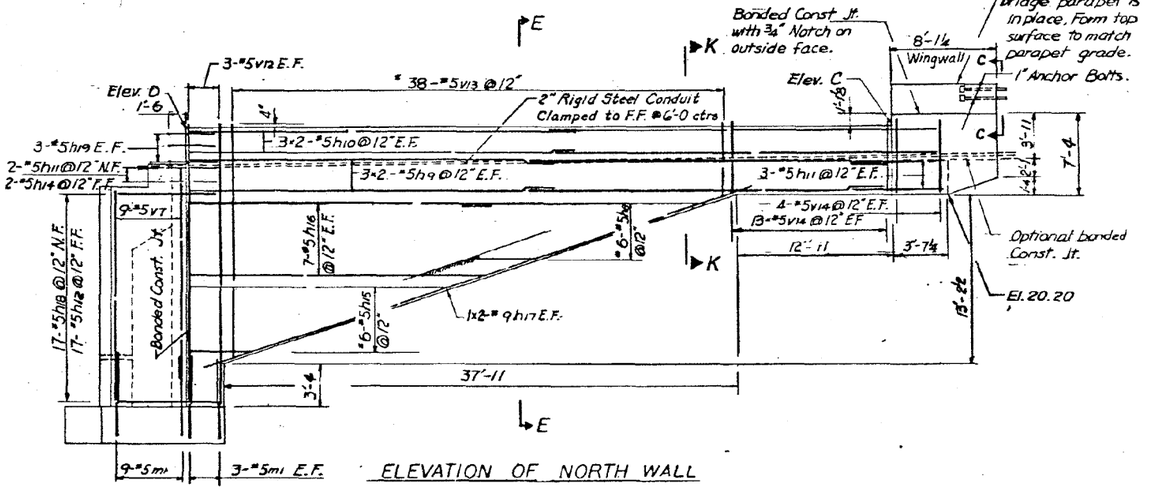
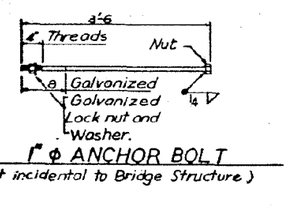


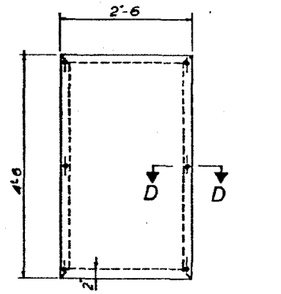




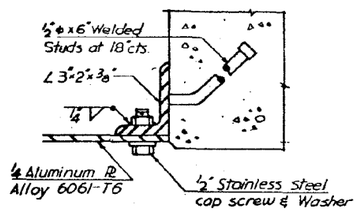
1" ϕ ANCHOR BOLT
(Cost incidental to Bridge Structure)

TOP OF CURTAIN WALL ELEVATION

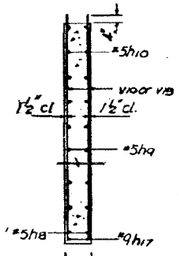
ELEV. A	ELEV. B	ELEV. C	ELEV. D
28.99	28.65	26.43	26.08



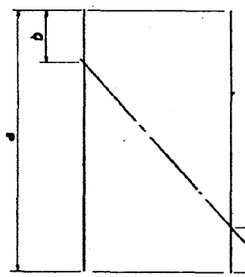
DOOR ELEVATION
COST OF DOOR AND FRAME ARE INCIDENTAL



SECTION D-D



SECTION E-E



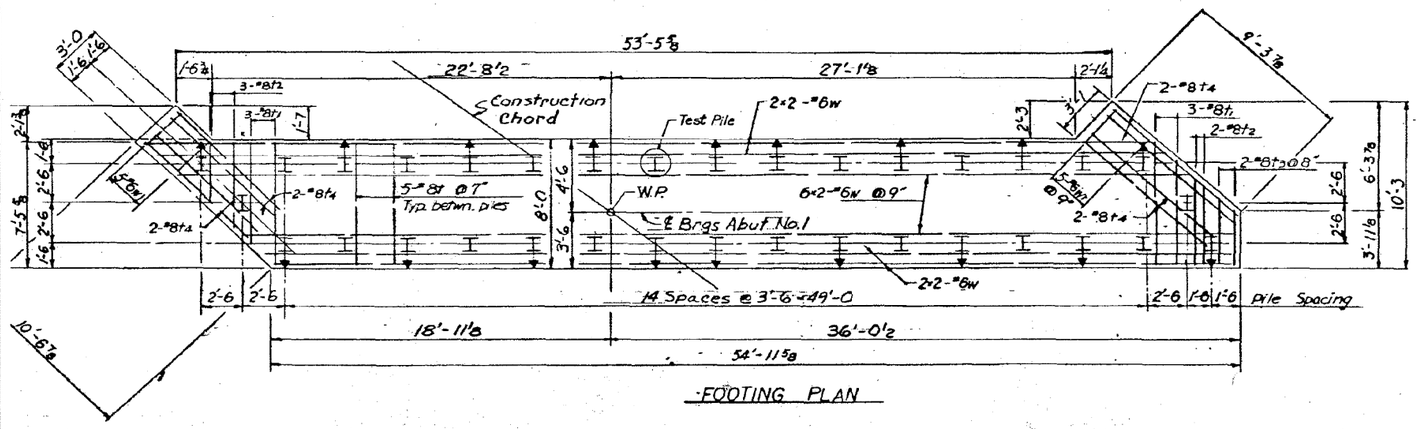
FIELD CUTTING DIAGRAM

BAR	a	b
h7	27'-0	5'-0
h8	22'-4	4'-1
h15	22'-2	4'-0
V10	27'-5	6'-4
V13	25'-4	5'-4

* Order h7, h8, h15, v10 & v13 bars full length Cut to fit as shown and use remainder of bars in other face.

NOTES

For Location of Walls see sheet No. 22.
For Sections J-J and K-K see sheet No. 24.
For Wingwall Details see sheet No. 24
Bar marked thus 1"=2-"9 etc. indicate 1 line of Bars with 2 bars per line.
For Footing Layout Plan see Sheet No 8.



FOOTING PLAN

PILE DATA
Type : Steel H Piles HP 10x42
Capacity : 40 Tons
Est. Length : 25'
* No. Req'd : 33
Test Pile : 1

* Does not include Test Pile.

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
GEORGE W DUNNE
PRESIDENT, BOARD OF COMMISSIONERS
SUPERINTENDENT OF HIGHWAYS

ABUTMENT NO. 1 DETAILS
STONY ISLAND CONNECTOR FAI 94
LINE E STRUCTURE

KNOERLE, BENDER, STONE & ASSOCIATES INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

PROJECT EBU 246 (76)
SCALE -
APPROVED H. C. Ottesen

APPROVED April 4, 74
CHIEF ENGINEER

F.A. Route No.	County Hwy Route No.	Sheet No.	Total Sheets	Drawing No.
122	174A	23	97	

S:\1072\05_CADD\Structural\SN 0162471\CADD Sheets\0162471-60J12-055-FV11.dgn 3/29/2013 2:31:17 PM

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

USER NAME =	DESIGNED -	REVISED -
	CHECKED - BAK	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 03/29/2013	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NO. 016-2471
SHEET NO. S-55 OF S-63 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	548
		CONTRACT NO. 60J12		
	ILLINOIS FED. AID PROJECT			