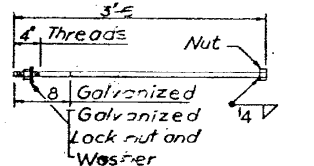
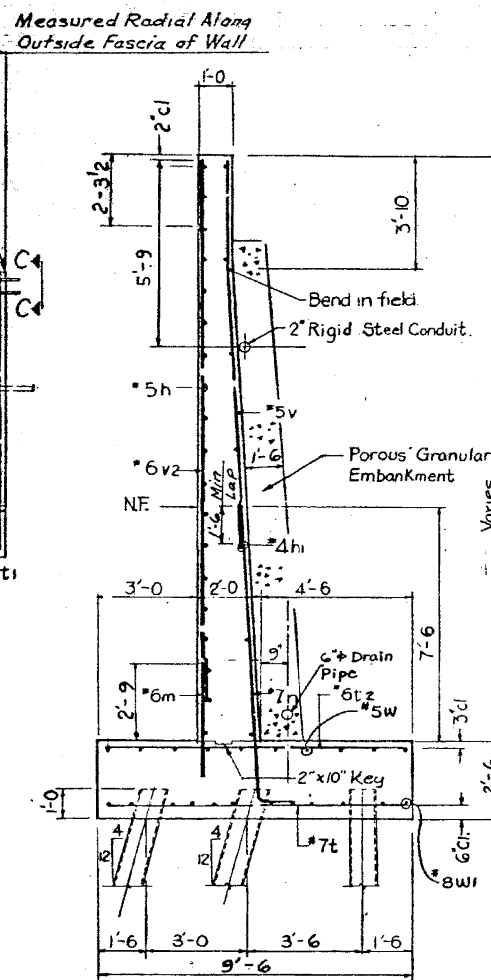


ELEVATION

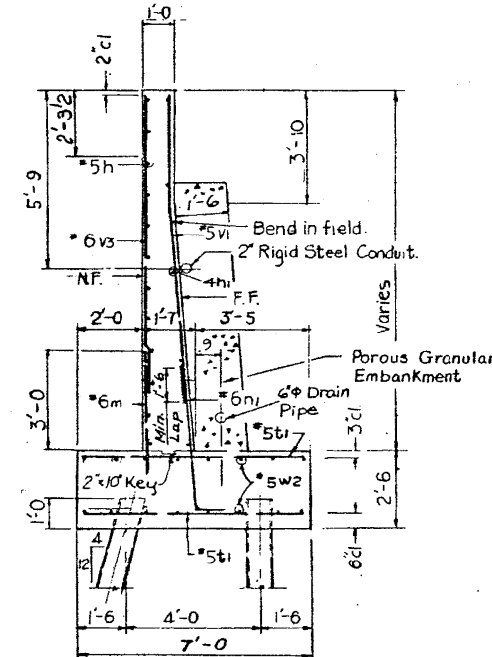
VIEW C-C



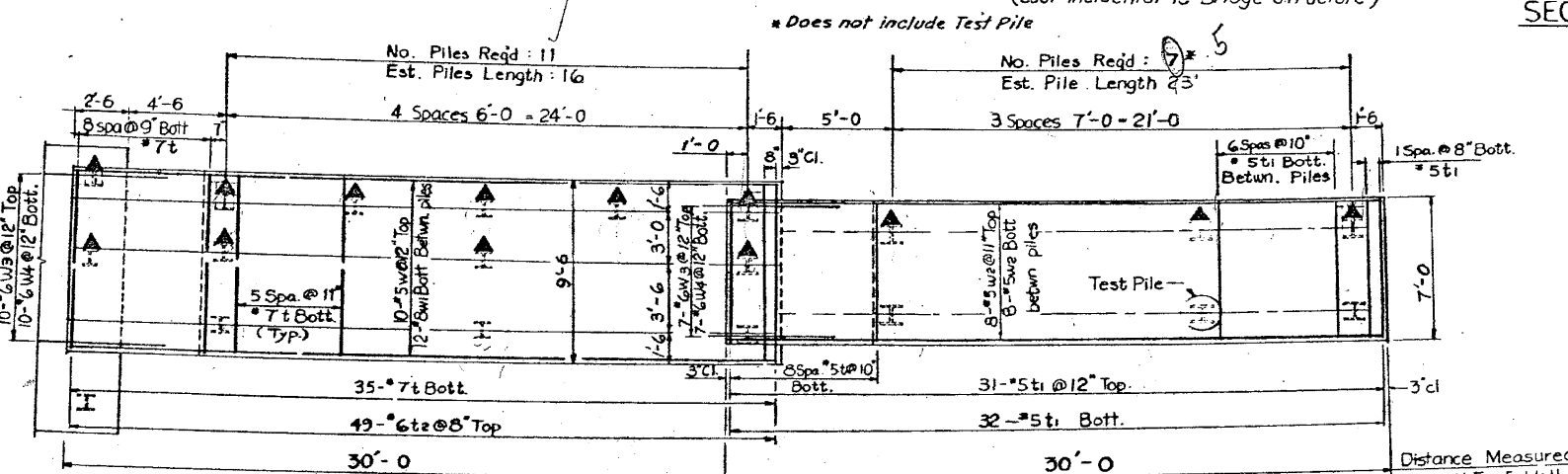
1" ANCHOR BOLT (Cost incidental to Bridge Structure)



SECTION A-A



SECTION B-B



FOOTING PLAN

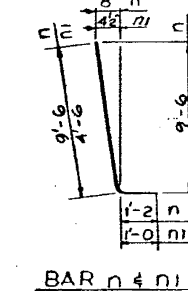
NOTES

- For Aluminum Railing Post spacing and additional Steel @ Posts see sheet No. 17.
- N.F. indicates Near Face
- F.F. indicates Far Face
- ▲ indicates direction of battered Piles.

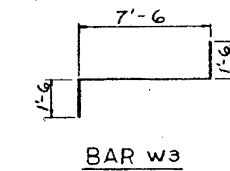
PILE DATA

Type: Steel H Pile HP 10 x 42
Capacity: 50 Tons
Est. Length: See Plan

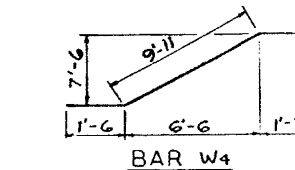
BILL OF MATERIAL				
BAR	N.O.	SIZE	LENGTH	SHAPE
d5	19	#5	3'-6"	
d6	7	#4	2'-6"	
h	31	#5	29'-8"	
h1	12	#4	29'-8"	
m	22	#6	4'-6"	
n	61	#7	10'-8"	
n1	31	#6	5'-6"	
t	38	#7	9'-0"	
t1	67	#5	6'-6"	
t2	49	#6	9'-0"	
v	31	#5	12'-8"	
v1	31	#5	11'-0"	
v2	11	#6	17'-6"	
v3	11	#6	9'-9"	
w	10	#5	32'-0"	
w1	12	#8	32'-0"	
w2	16	#5	29'-6"	
w3	17	#6	10'-6"	
w4	17	#6	13'-0"	
ITEM	UNIT	TOTAL		
REINFORCEMENT BAR	LB.	8496		
CLASS X CONCRETE	CU. YD.	101.0		
PROTECTIVE COAT	SQ. YD.	16.7		
TEST PILE	EA.	1		
STEEL PILES	LIN. FT.	337		
POROUS GRANULAR EMBANKMENT	CU. YD.	41		



BAR n & n1



BAR w3



BAR w4

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

GEORGE W. DUNNE
PRESIDENT BOARD OF COMMISSIONERS

SUPERINTENDENT OF HIGHWAYS

RETAINING WALL B DETAILS

STONY ISLAND CONNECTOR FAI 94
LINE E STRUCTURE

PROJECT: EBU 246176

SCALE: AS SHOWN

APPROVED: *[Signature]*

APPROVED: *[Signature]*
CHIEF ENGINEER

F.A. Route No.	COUNTY HWY. Route No.	Sheet No.	Total Sheets	Drawing No.
122	174A	36	97	

231338 PH

3/29/2013

S:\1072_05_CADD\Structure\1 SN 0162471\CADD Sheets\0162471-6012-061-F17.dgn

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

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

DESIGNED -
CHECKED - BAK
DRAWN -
CHECKED -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NO. 016-2471

SHEET NO. S-61 OF S-63 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	554
CONTRACT NO. 60J12				

ILLINOIS FED. AID PROJECT