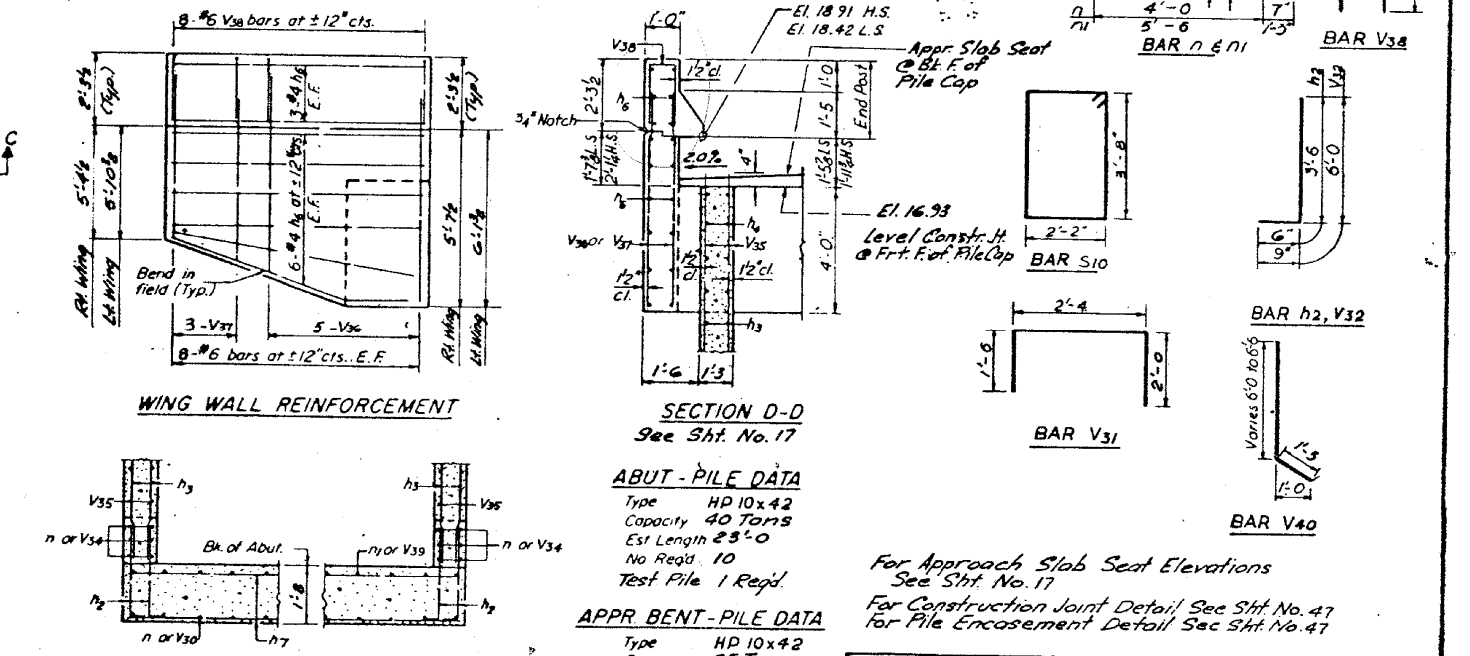


BILL OF MATERIAL				
BAR NO	SIZE	LENGTH	SHAPE	
h	4	*5	7'-6"	—
h	10	*5	22'-2"	—
h2	82	*5	4'-0"	—
h3	14	*5	14'-8"	—
h4	20	*5	17'-8"	—
h5	4	*8	19'-9"	—
h6	36	*4	6'-9"	—
h7	18	*5	24'-8"	—
h8	4	*5	2'-8"	—
n	33	*5	4'-7"	—
n1	25	*9	6'-9"	—
D10	10	*7	27'-8"	—
S10	20	*4	12'-8"	—
t	29	*7	6'-6"	—
V30	25	*5	9'-5"	—
V31	23	*5	5'-10"	—
V32	23	*5	6'-9"	—
V33	49	*5	2'-0"	—
V34	12	*4	14'-6"	—
V35	32	*4	15'-10"	—
V36	20	*6	7'-0"	—
V37	12	*6	5'-6"	—
V38	16	*6	4'-9"	—
V39	25	*9	9'-5"	—
V40	23	*5	Varies	—
w	4	*5	26'-0"	—



ESTIMATED QUANTITIES		
ITEM	UNIT	TOTALS
REINFORCEMENT BARS	LB.	6505
CLASS "X" CONCRETE	C.Y.	63.7
RIGID STEEL CONDUIT, 2 DIA. LIN. FT.		30
RIGID STEEL CONDUIT, 3 DIA. LIN. FT.		30
FURN. STEEL PILES HPIOX42	LIN. FT.	358
DRIVING STL PILES HPIOX42	LIN. FT.	358
TEST PILES HPIOX42	EACH	1
SAND BACKFILL		

REVISIONS	
DATE BY	DESCRIPTION

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

ABUT. NO. 1 PLAN & ELEVATION  
 STONY ISLAND CONNECTOR TO FAI 94  
 RAMP Q STRUCTURE

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

PROJECT - EBU 246(77)  
 SCALE APPROVED: [Signature]  
 APPROVED: [Signature] 4-11-12  
 COUNTY HWY 122  
 ROUTE NO. 174 R  
 SHEET NO. 34  
 TOTAL SHEETS 109

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

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

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)  
 STRUCTURE NO. 016-2437  
 SHEET NO. S-74 OF S-83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	237

CONTRACT NO. 60V61  
 ILLINOIS FED. AID PROJECT