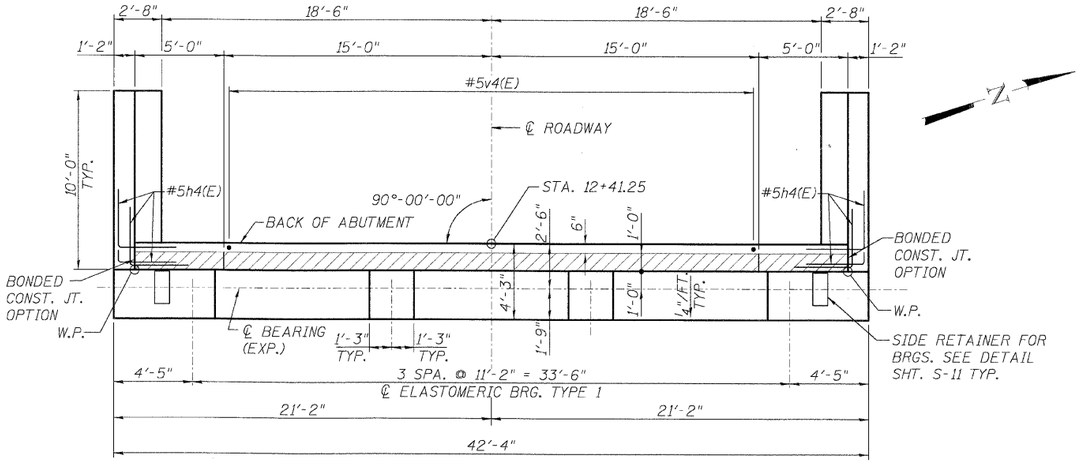
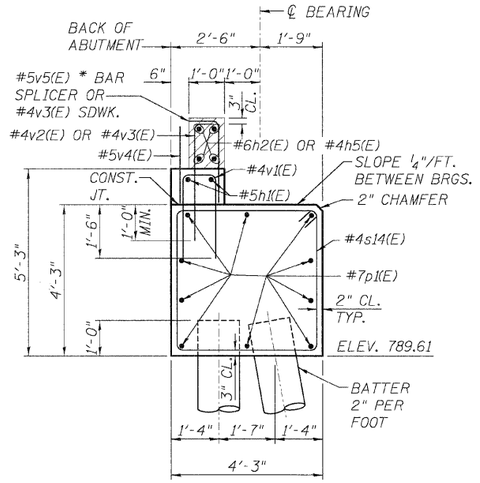
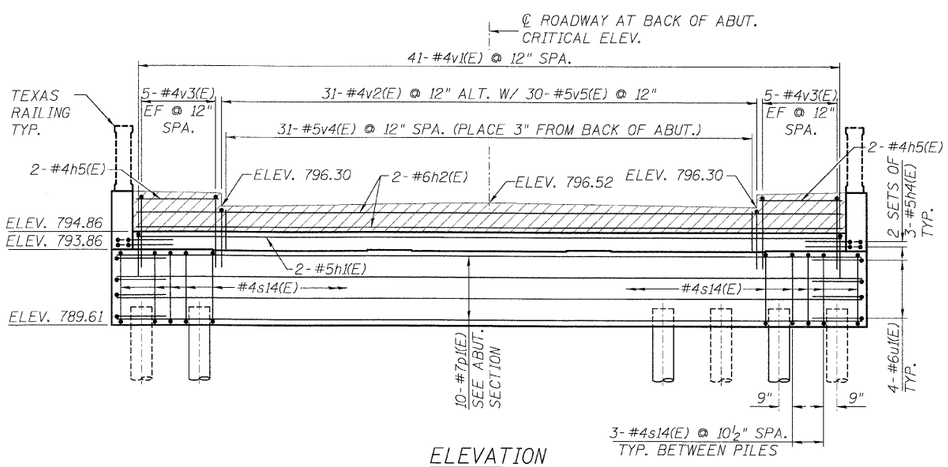


TOP VIEW

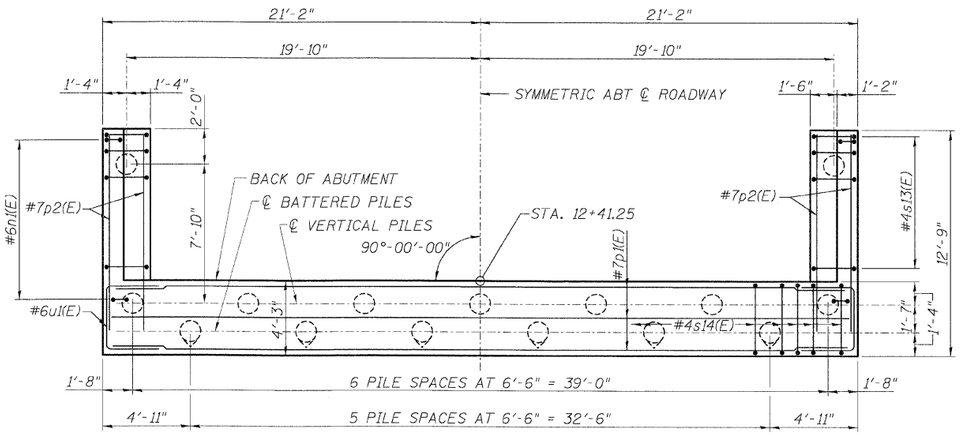


ABUTMENT SECTION

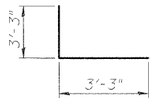
* ALIGN PARALLEL TO APPROACH SLAB REINFORCEMENT



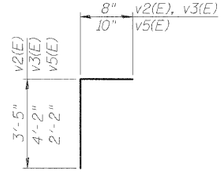
ELEVATION

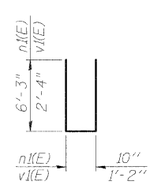


PLAN - PILE CAP



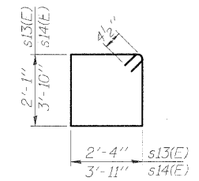
BAR h4(E)



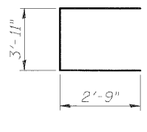


BARS v2(E), v3(E), v5(E)

BARS n1(E), v1(E)



BARS s13(E), s14(E)



BAR u1(E)

PILE DATA

TYPE: 14"ϕ METAL SHELL CONCRETE PILES
CAPACITY 50 TONS
ESTIMATED LENGTH 45 FEET
NUMBER REQUIRED 14 + 1 TEST PILES

WEST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	2	#5	39'-8"	
h2(E)	4	#6	39'-8"	
h3(E)	24	#4	9'-8"	
h4(E)	12	#5	6'-6"	
h5(E)	4	#4	4'-8"	
n1(E)	22	#6	13'-4"	
p1(E)	10	#7	42'-0"	
p2(E)	12	#7	11'-4"	
s13(E)	16	#4	9'-7"	
s14(E)	38	#4	16'-3"	
v1(E)	41	#4	5'-10"	
v2(E)	31	#4	4'-1"	
v3(E)	20	#4	4'-10"	
v4(E)	31	#5	2'-2"	
v5(E)	30	#5	3'-0"	
u1(E)	8	#6	9'-5"	
STRUCTURE EXCAVATION		CU. YD.	118	
CONCRETE STRUCTURES		CU. YD.	39	
REINFORCEMENT BARS, EPOXY COATED		POUND	3247	
FURNISHING METAL SHELL PILES 14"		FOOT	630	
TEST PILE MET.SHELLS		EACH	1	
DRIV. & FILLING SHELLS		FOOT	630	
CONCRETE SEALER		SQ. FT.	206	

NOTES:

1. HATCHED AREA TO BE POURED AFTER SUPERSTRUCTURE FORMS HAVE BEEN REMOVED.
2. SLOPE ABUTMENT SEAT 1/4"/FT. BETWEEN BEARING PAD LOCATIONS.
3. CONCRETE SEALER SHALL BE APPLIED TO THE EXPOSED SURFACES OF THE ABUTMENT.
4. FOR PILE DETAILS, SEE SHEET S-13.
5. FOR ABUTMENT DRAINAGE AND WATER-PROOFING, SEE SHEET S-13.
6. FOR BRIDGE SEAT DETAIL, SEE SHEET S-14.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	00-00043-00-BR	FORD	51	45
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
PINE ST.
CENTER ST.

Edwards AND Kelcey

DATE	REVISIONS

WEST ABUTMENT

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY DRS
DRAWN BY DJR
CHECKED BY BAP

DRAWING NO. S-12

Job # C-93-016-01
DATE 7/1/08
SCALE AS SHOWN

6/30/2008 1:59:45 PM
P:\0100\900\Chicago CADD\Sheets\S12_webut.dgn