ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 885	104BR-1	UNION	37	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
9 SHEETS

Contract # 78025

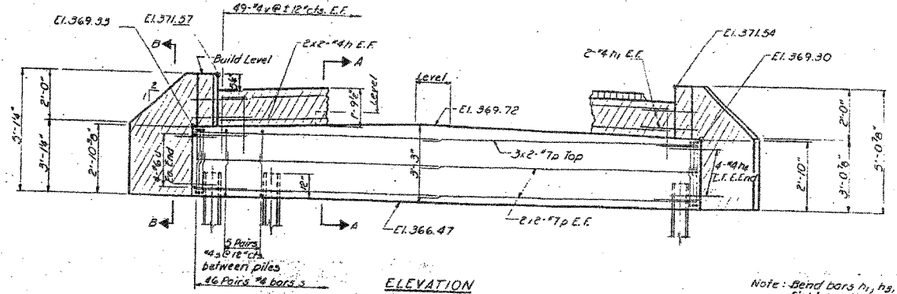
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 51	104BR-1	UNION	26	18
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
9 SHEETS

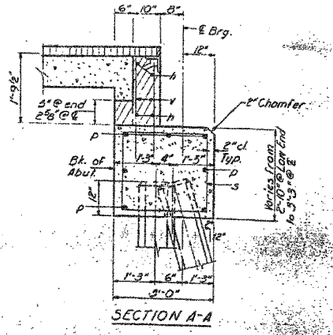
PILE DATA

Type : Concrete
Capacity : 36 Tons
Est. Length : 46'-0" @ E. Abut. & 50'-0" @ W. Abut.
No. Req'd. : 17 plus 1 test pile in a permanent location @ the E. Abut.

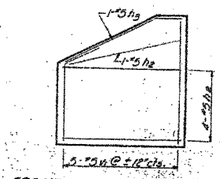


ELEVATION
Looking East at East Abut.
Looking West at West Abut.

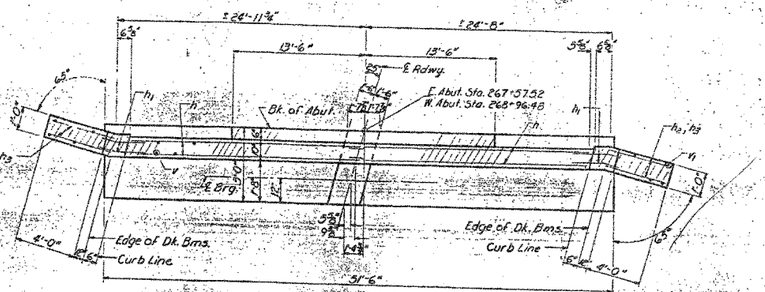
Note : Bend bars h1, hs, he & v1 in field to fit.



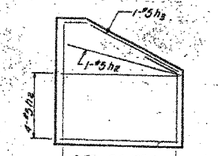
SECTION A-A



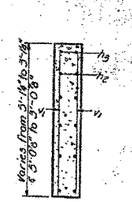
FRONT FACE WINGWALL REINF.



TOP PLAN



BACK FACE WINGWALL REINF.



SECTION B-B

PLAN

BAR s

BAR u

Notes : Notched area indicates areas to be poured after deck beams are in place. All edges shall have Standard ¾" chamfers except as noted.

TWO ABUTMENTS BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	16	#4	20'-9"	
h1	16	#4	2'-9"	
he	40	#5	3'-9"	
hs	8	#5	5'-6	
hs	32	#4	2'-6"	
p	28	#7	26'-6"	
s	184	#4	6'-8"	
u	16	#6	11'-1"	
v	196	#6	2'-9"	
v1	40	#5	2'-9"	
Class X Concrete		Cu. Yds.	42.7	
Reinforcement Bars		Lbs.	3710	
Concrete Piles		Lin. Ft.	818	
Test Pile Concrete		Each	1	

EAST & WEST ABUTMENTS
F.A.R.T. 51 SEC. 104 B-1
UNION COUNTY
STA. 268+27.00

DESIGNED	G.E.Ozuirt
CHECKED	D.A.R.
DRAWN	Bev Robinson
CHECKED	D.A.R.

EXAMINED Nov 17 1992
PASSED
APPROVED
DIRECTOR OF HIGHWAYS

PLOT DATE = 12/03/2007
FILE NAME = c:\824-32-existing-structure.dgn
PLOT SCALE = 0.0100 '/ IN.
USER NAME = CFC

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE
EXISTING STRUCTURE PLANS

PROJECT
IL ROUTE 146 OVER DUTCH CREEK
FAP ROUTE 885 SECTION 104BR-1
UNION COUNTY
STATION 268+27.00
STRUCTURE NUMBER 091-0059

PROJECT NO. 06056-5
SCALE
DATE / /
DRAWN BY CFC
CHECKED BY MCB/BD
DRAWING NO. 6
OF 9 SHTS

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703