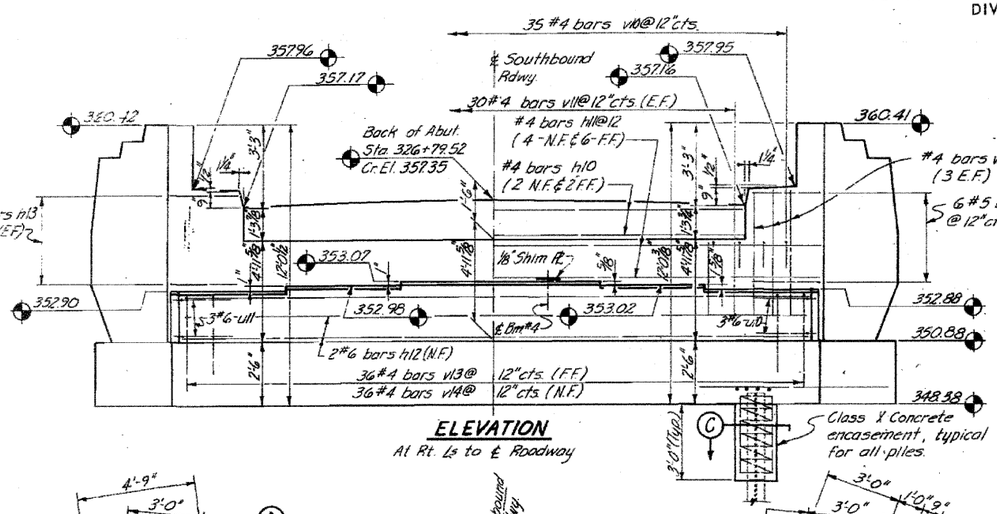
Contract 66409 375 I.

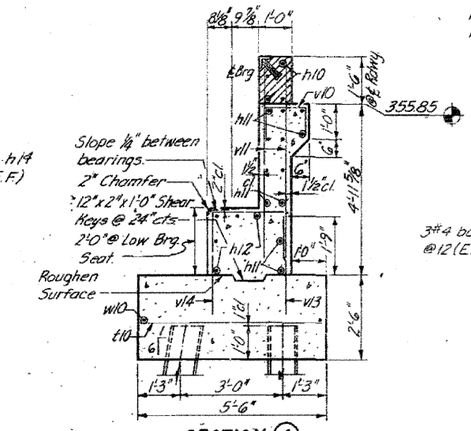
ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET
FA I-57	46-2 VB	KANKAKEE	28	9
STA.		TO STA		

FED. ROAD DIST. No. 7 ILLINOIS FED. AID PROJECT

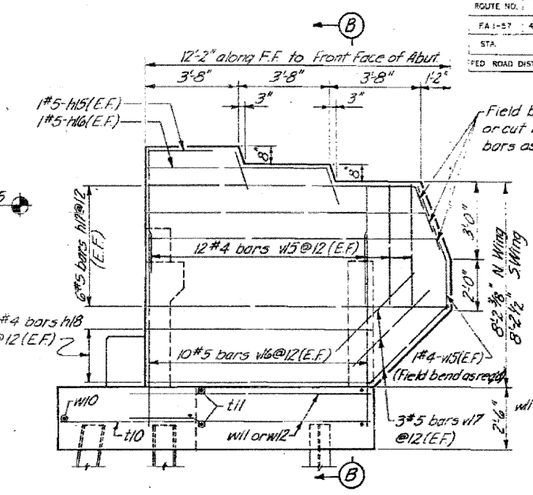
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



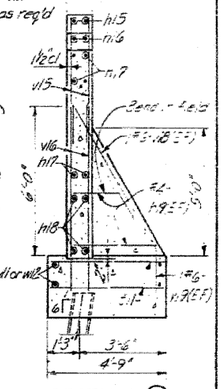
ELEVATION
At Rt. Ls to ℄ Roadway



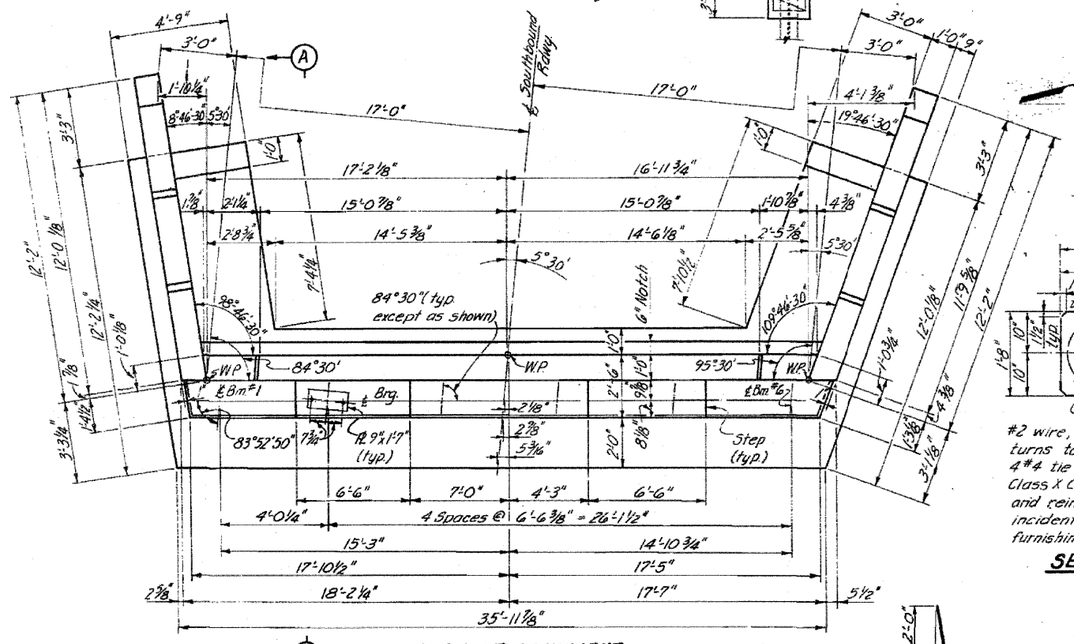
SECTION (A)



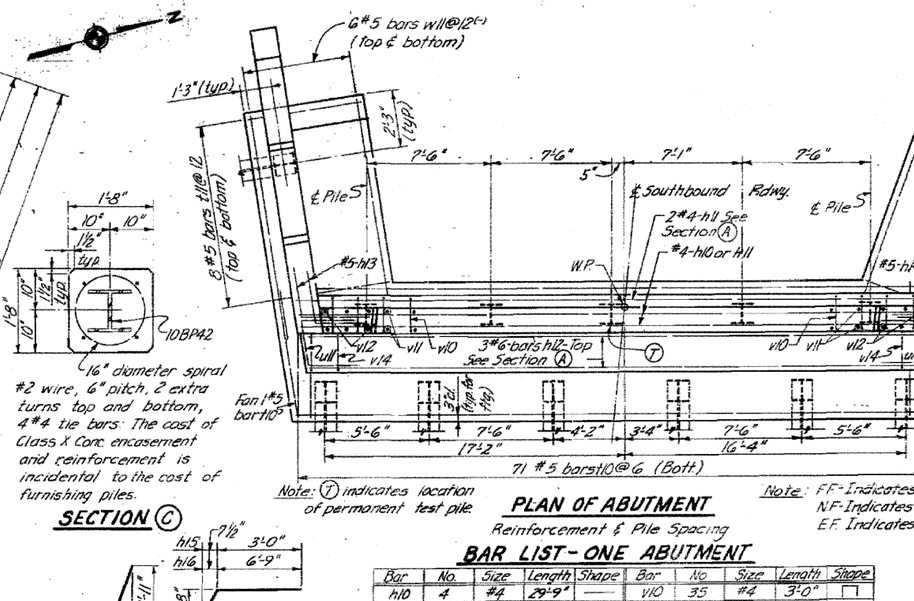
SIDE ELEVATION



SECTION (B)



PLAN OF ABUTMENT
Dimensions



Note: (T) indicates location of permanent test pile.

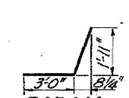
PLAN OF ABUTMENT
Reinforcement & Pile Spacing

Note: FF-Indicates far face
NF-Indicates near face
EF Indicates each face

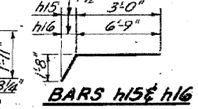
SECTION (C)

PILE DATA
Type: Steel 10BP42
Capacity: 35 Tons
Estimated Length: 32'
No. Req'd. for 1 abut.: 13 (Includes 1 Test Pile)
All abutment piling to be encased.

BAR h13

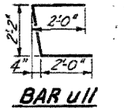


BAR h14



BARS h15 & h16

BAR u10



BAR u11

BAR v10 **BAR v14**

BAR v19

BAR LIST - ONE ABUTMENT

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
h10	4	#4	29'-9"		v10	35	#4	3'-0"	
h11	12	#4	35'-9"		v11	60	#4	5'-9"	
h12	5	#6	35'-0"		v12	12	#4	6'-6"	
h13	12	#5	5'-0"		v13	36	#4	3'-0"	
h14	12	#5	5'-0"		v14	36	#4	5'-4"	
h15	4	#5	4'-9"		v15	52	#4	4'-9"	
h16	4	#5	8'-6"		v16	40	#5	7'-6"	
h17	24	#5	11'-9"		v17	12	#5	4'-6"	
h18	12	#4	8'-9"		v18	4	#6	7'-0"	
h19	8	#4	3'-6"		v19	4	#6	3'-3"	
t10	76	#5	5'-0"						
t11	34	#5	4'-3"		w10	6	#8	35'-6"	
					w11	12	#5	8'-9"	
u10	3	#6	6'-4"		w12	12	#5	9'-3"	
u11	3	#6	6'-3"						

(A) Added 4-26-11

BILL OF MATERIAL

Item	Unit	Quantity
Class X Concrete	Cu Yd.	46.4
Reinforcement Bars	Lbs.	3737
Steel Piles (10BP42)	Lin Ft.	384
Test Pile (Steel)	Each	1

DESIGNED	LJL
CHECKED	L.E.D.
DRAWN	L.S.
CHECKED	LJL

EXAMINED _____ 19
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED _____
ENGINEER OF DESIGN
APPROVED _____
CHIEF HIGHWAY ENGINEER

ILLINOIS DIVISION OF HIGHWAYS

WEST ABUTMENT, SOUTH BRIDGE

F.A.I. RTE. 57 SEC. 46-2 VB

KANKAKEE COUNTY

STA. 325+93.10

FOR INFORMATION ONLY