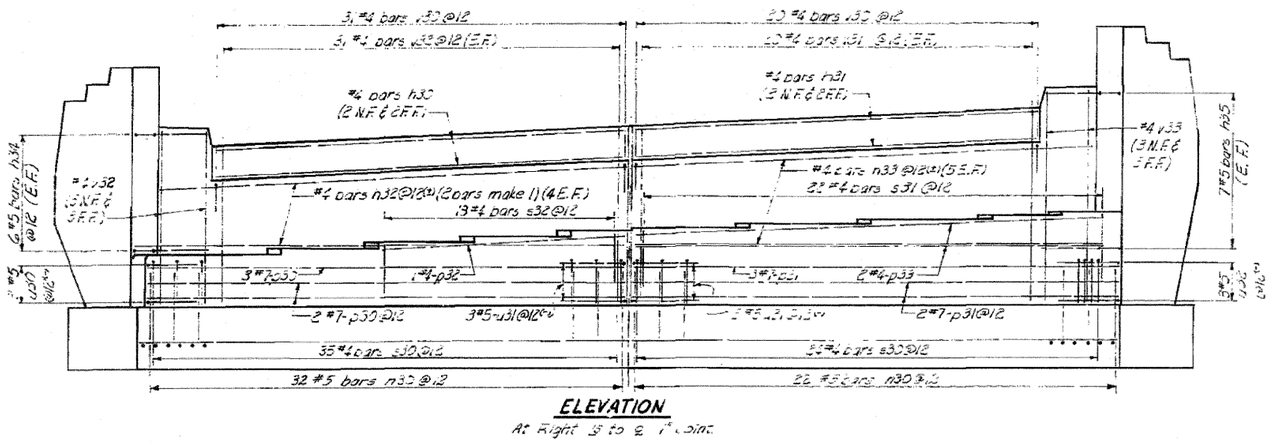
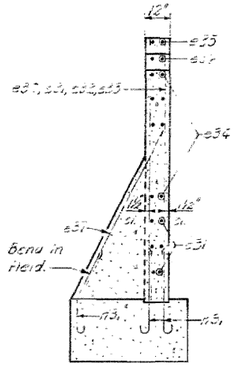
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO
FAI-57	46-2 HB	KANKAKEE	46	37
STA.		TO STA.		
FED. ROAD DIST. No. 7 ILLINOIS, FED. AID PROJECT				

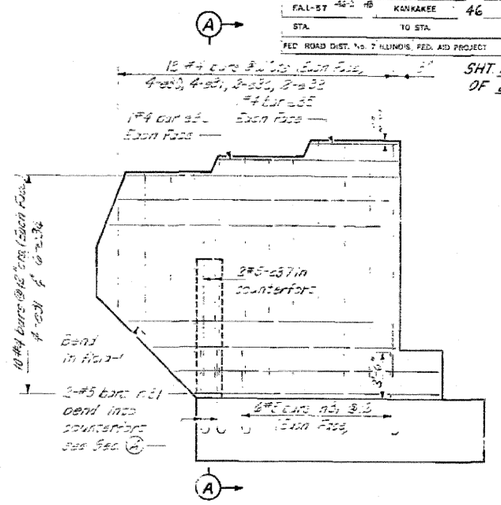
SHT 27
OF 29



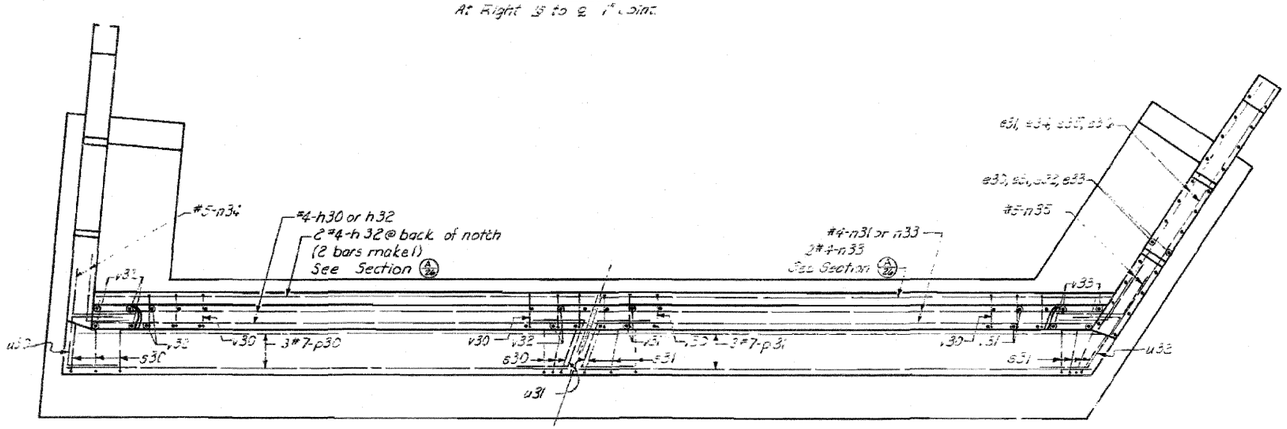
ELEVATION
At Right ℄ to ℄ Pier



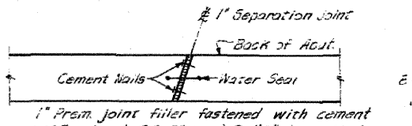
SECTION (A)



END POST ELEVATION

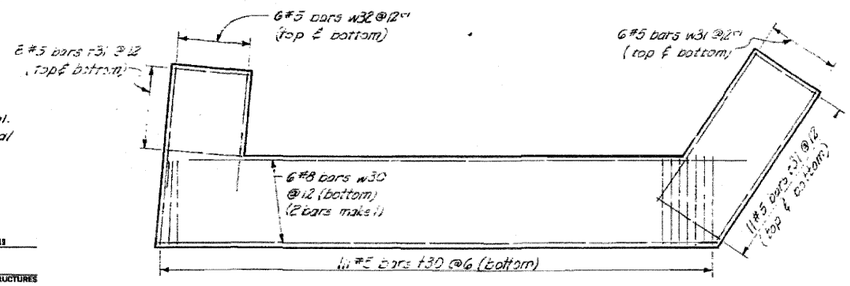


PLAN OF ABUTMENT



1" Prem. joint filler fastened with cement nails (Flat head C.S.-2" long) @ 140 cts. vertical 2" standard, split-type flat non-metalic water seal. Extend water seal to top of footing. (Incidental to cast or Class K Conc.)

DETAIL "B"



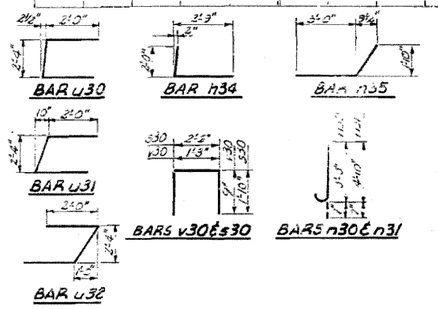
FOOTING PLAN

BAR LIST - ONE ABUTMENT

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
h30	4	#4	23'-2"						
h31	4	#4	13'-10"						
h33	20	#4	12'-3"						
h33	12	#4	21'-3"		v30	111	#4	5'-2"	
h34	12	#5	41'-9"		v31	38	#4	4'-5"	
n35	14	#5	54'-9"						
					v30	3	#5	5'-2"	
					v31	6	#5	4'-4"	
n30	34	#5	3'-10"		v32	3	#5	21'-7"	
n31	88	#5	5'-6"						
					v30	51	#4	2'-9"	
p30	7	#7	32'-0"		v31	20	#4	6'-9"	
p31	7	#7	22'-0"		v32	37	#4	6'-1"	
p32	1	#4	17'-0"		v33	6	#4	7'-8"	
p33	2	#4	22'-0"						
					w30	12	#8	30'-0"	
s30	59	#4	6'-2"		w31	12	#5	10'-3"	
s31	62	#4	21'-9"		w32	12	#5	7'-9"	
s32	18	#4	1'-9"						

BAR LIST TWO END POSTS

Bar	No.	Size	Length	Shape
s32	15	#4	7'-3"	
s33	32	#4	8'-6"	
s33	8	#4	6'-4"	
s33	8	#4	5'-3"	
s34	24	#4	7'-0"	
s35	4	#4	8'-6"	
s36	4	#4	7'-1"	
s37	4	#5	7'-5"	



BILL OF MATERIAL

Item	Unit	Quantity
Class K Concrete	Cu. Yds.	28.3
Reinforcement Bars	Lbs.	5132
Steel Piles ...HP12x53	Lin. Ft.	432

ILLINOIS DIVISION OF HIGHWAYS
NORTH BRIDGE, WEST ABUTMENT
REINFORCEMENT
F.A.I.-RTE. 57 SEC. 46-2 HB
KANKAKEE COUNTY
STA. 311+37.70

△ Added 4-26-11

DESIGNED	WRT
CHECKED	LJL
DRAWN	L. S.
CHECKED	WRT

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

FOR INFORMATION ONLY