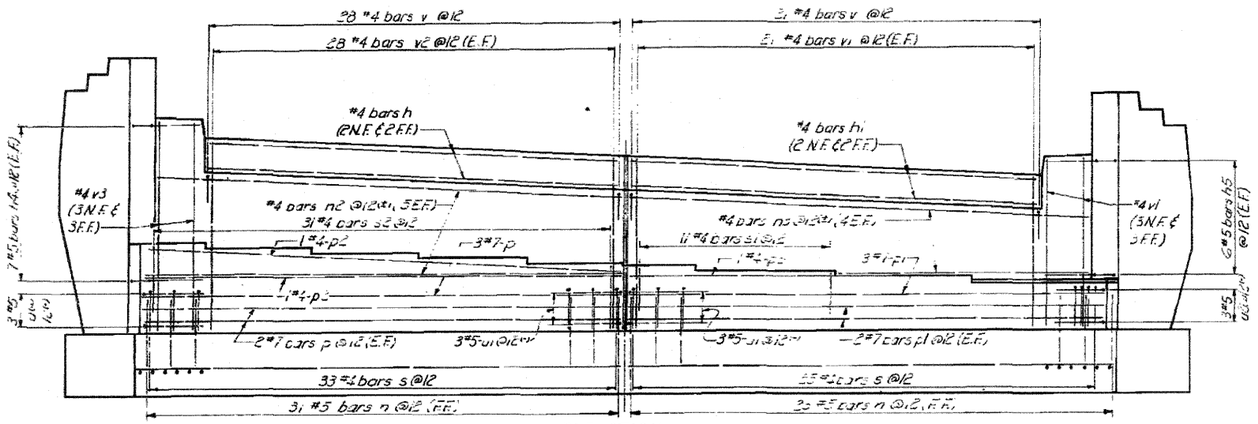
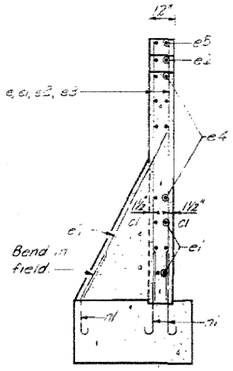
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-57	46-2 B	KANKAKEE	46	31
STA.		TO STA.		
FED. ROAD DIST. No. 7 ILLINOIS, FED. AID PROJECT.				

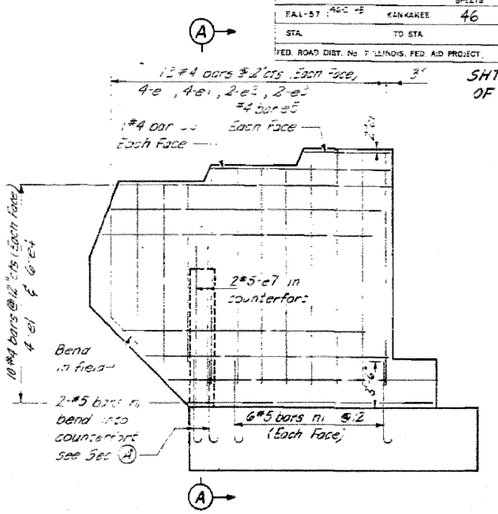
SHT. 21 OF 29



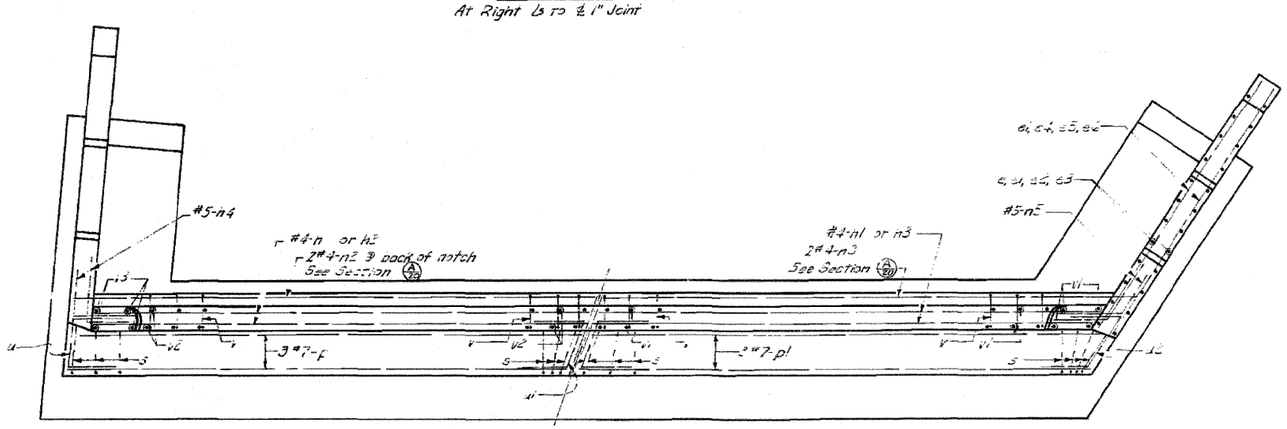
ELEVATION
At Right Ls to ℄ 1" Joint



SECTION (A)



END POST ELEVATION



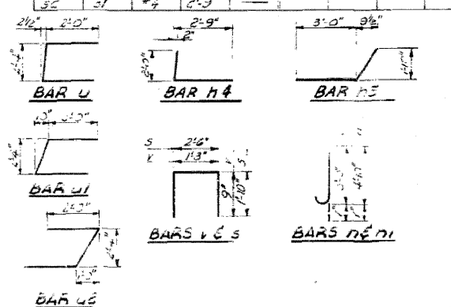
PLAN OF ABUTMENT

BAR LIST - ONE ABUTMENT

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
n	4	#4	27'-6"	—					
n1	4	#4	13'-11"	—					
n2	10	#4	29'-8"	—					
n3	10	#4	32'-0"	—	r	108	#5	21'-11"	—
n4	14	#5	34'-3"	⌊	r1	32	#5	4'-8"	—
n5	12	#5	51'-0"	⌋					
					u	5	#5	6'-4"	—
					u1	2	#5	6'-2"	—
n	54	#5	34'-0"	—	u2	2	#5	6'-7"	—
n1	32	#5	51'-5"	—					
					s	13	#4	2'-9"	—
p	7	#7	35'-5"	—	w1	48	#4	5'-11"	—
p1	7	#7	22'-3"	—	w2	52	#4	6'-8"	—
p2	2	#4	30'-7"	—	v3	6	#4	7'-6"	—
p3	1	#4	31'-3"	—					
					w	12	#8	6'-3"	—
					w1	12	#5	4'-8"	—
s	58	#4	5'-2"	⌐	w2	12	#5	11'-2"	—
s1	"	#4	1'-3"	—					
s2	31	#4	2'-3"	—					

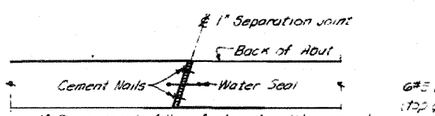
BAR LIST TWO END POSTS

Bar	No.	Size	Length	Shape
e	13	#4	9'-3"	—
e1	32	#4	8'-6"	—
e2	8	#4	6'-6"	—
e3	8	#4	5'-0"	—
e4	24	#4	0'-6"	—
e5	4	#4	3'-6"	—
e6	4	#4	7'-0"	—
e7	4	#5	9'-0"	—



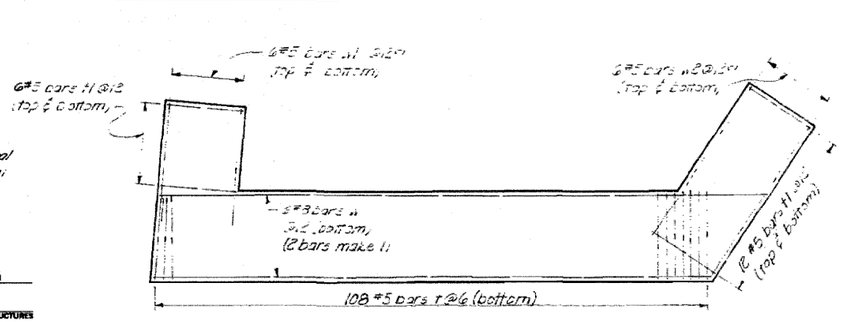
BILL OF MATERIAL

Item	Unit	Quantity
Class X Concrete	cu. Yds.	32.6
Reinforcement Bars	Lbs.	5220
Steel Piles (HBP 42)	Lin. Ft.	420



1" Prem. joint filler fastened with cement nails (Flat head C.S.-2" long) @ 1'-0" cts. vertical 6" standard, split-type flat non-metalic water seal. Extend water seal to top of footing. (Incidental to cost of Class X Conc.)

DETAIL "B"



FOOTING PLAN

DESIGNED	WRT
CHECKED	LJL
DRAWN	L. S.
CHECKED	WRT

EXAMINED _____
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES

PASSED _____
ENGINEER OF DESIGN

APPROVED _____
CHIEF HIGHWAY ENGINEER

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

FOR INFORMATION ONLY

Δ Added 4-26-11