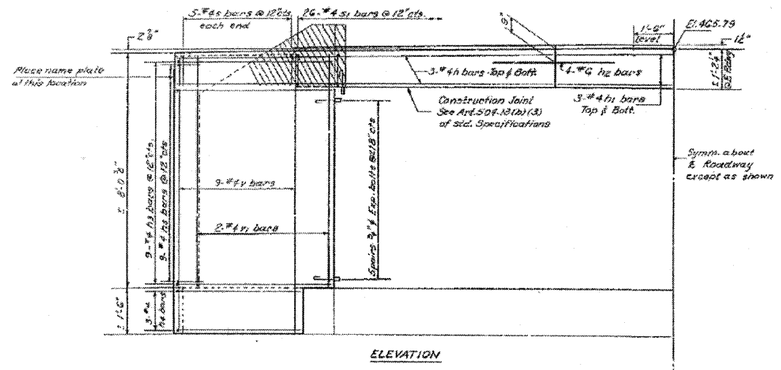
CONTRACT NO. 74107

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(6BR-1)B-1	CLAY	109	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

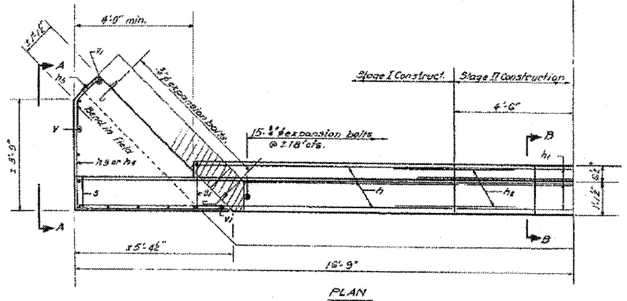
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 328	6BR-1	CLAY	8	8
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

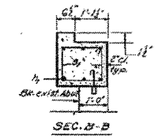
SHEET NO. 5
5 SHEETS



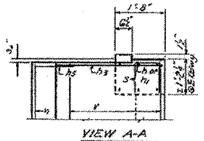
ELEVATION



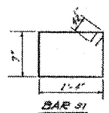
PLAN



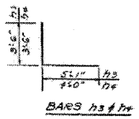
SEC. B-B



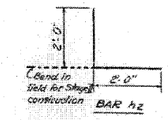
VIEW A-A



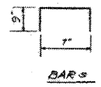
BAR s1



BARS h3 & h4

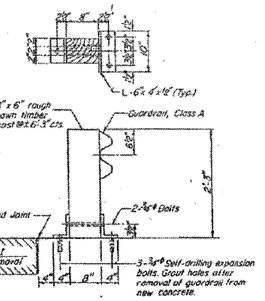


BAR h2



BAR s

h bars shall conform to the requirements of A.S.T.M. A-615 or A-617, except the minimum yield strength shall be not less than 33000 psi nor more than 45,000 psi.



TEMPORARY GUARDRAIL DETAIL
See Special Provisions

TWO ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	12	#5	16'-0"	—
h1	12	#5	21'-0"	—
h2	8	#6	8'-0"	L
h3	36	#4	8'-7"	L
h4	12	#4	7'-6"	L
h5	36	#4	2'-0"	—
s	22	#6	21'-3"	□
s1	52	#4	6'-7"	□
v	16	#4	11'-8"	—
v1	8	#4	5'-11"	—
Class A Concrete		Cu. Yds.		19.9
Reinforcement Bars		Lbs.		1930
Expansion Bolts 3/4 ℄		Each		70
Concrete Removal		Cu. Yds.		1

Notes:
Hatched area indicates concrete Removal. Reinforcement extending into removed area shall be cleaned and incorporated into the new construction.
Expansion bolts shall be anchored in sound concrete.
All edges shall have standard ¾" chamfers except as noted.

ABUTMENTS
F.A.R.T. 2615 B, B.R.T. 2310 OVER GROVE CR.
SECTION 6BR-1
CLAY COUNTY
STA. 1414+01

DESIGNED	Simon Ustruck	
CHECKED	Mike Hirst	
DRAWN	Simon Ustruck	
CHECKED	JP	
EXAMINED		
PASSED		
APPROVED		

1-1-72

ESCA CONSULTANTS, INC.

DESIGNED BY:	DAJ	04/08
DRAWN BY:	HAS	04/08
CHECKED BY:	MTD	05/08
APPROVED BY:	RDP	08/08

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
US 45 OVER GROVE CREEK
FAP RTE 328 - SECTION (6BR-1)B-1
CLAY COUNTY