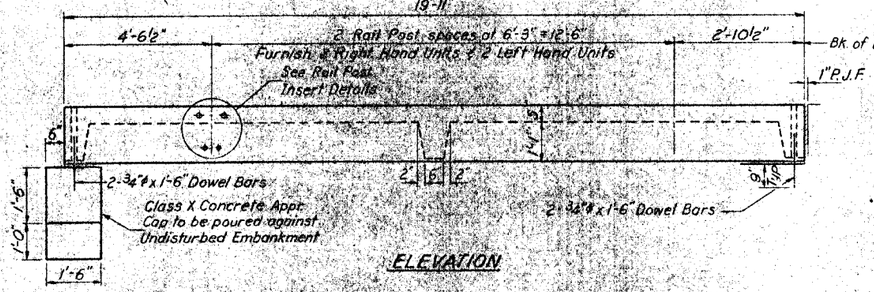
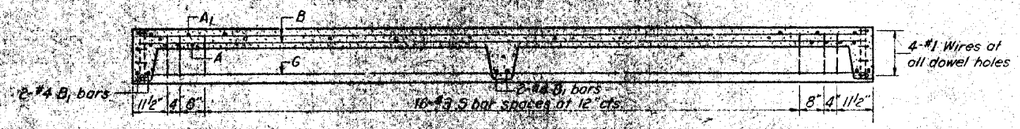
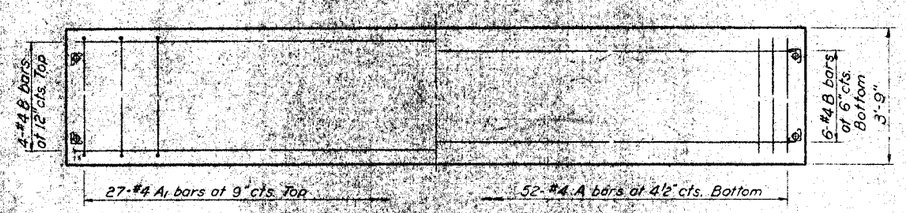
CONTRACT NO. 64412

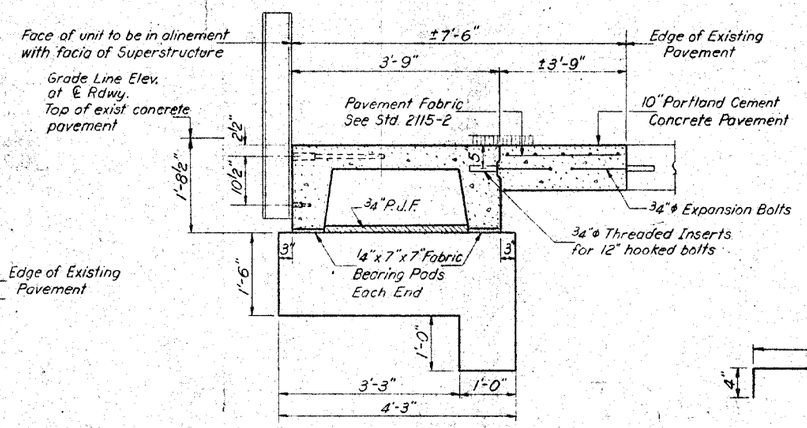
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	23 BR-2	JO DAVIESS	30	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

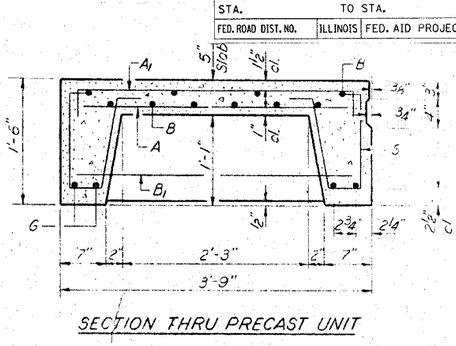
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

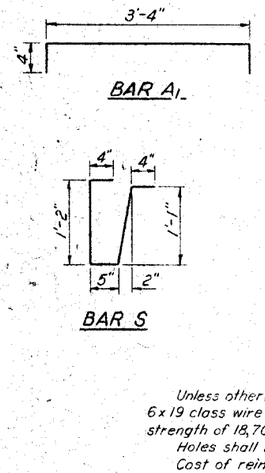


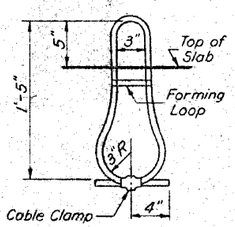












BAR LIST - ONE UNIT
Reinforcement to be cast into slab

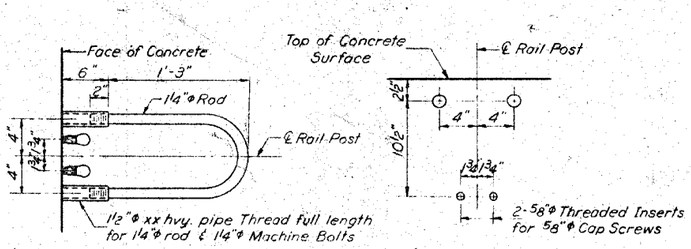
Bar	No.	Size	Length	Shape
A	52	#4	3'-9"	
A1	27	#4	4'-0"	
B	10	#4	9'-6"	
B1	6	#4	3'-6"	
G	4	#10	19'-6"	
S	42	#3	3'-4"	

GENERAL NOTES

Unless otherwise approved by the Engineer, lifting loops shall be 1"ø, 6 x 19 class wire rope with fiber core and shall have a minimum ultimate strength of 18,700 lbs. Loops shall be burned off after slab has been erected.

Holes shall be drilled and anchor dowels grouted in place.

Cost of reinforcement and accessories cast into the slab unit, bearing pads, furnishing, drilling for, placing and grouting anchor dowels and ¾"ø bolts is included in Unit bid price for "Precast Concrete Bridge Slab."



BILL OF MATERIAL

Item	Unit	Quantity
Precast Concrete Bridge Slab	Sq. Ft.	2490
Portland Cement Concrete Pavement (10")	Sq. Yds.	33
Pavement Fabric	Sq. Yds.	33
Expansion Bolts ¾"ø	Each	52
Class X Concrete	Cu. Yds.	1.1

STRESSES
fc = 4,500 psi
fc = 1,800 psi
fs = 20,000 psi
n = 8

LOADING HS-20

DESIGNED	James Pence
CHECKED	Jack Armstrong
DRAWN	J.L. Armstrong
CHECKED	JP

EXAMINED Aug. 7 1962
PASSED H.C. Petermann
APPROVED Richard A. Gotterman

APPROACH DETAILS
S.B.I. RT. 5 SEC. 23BR
JO DAVIESS COUNTY
STA. 123 + 25