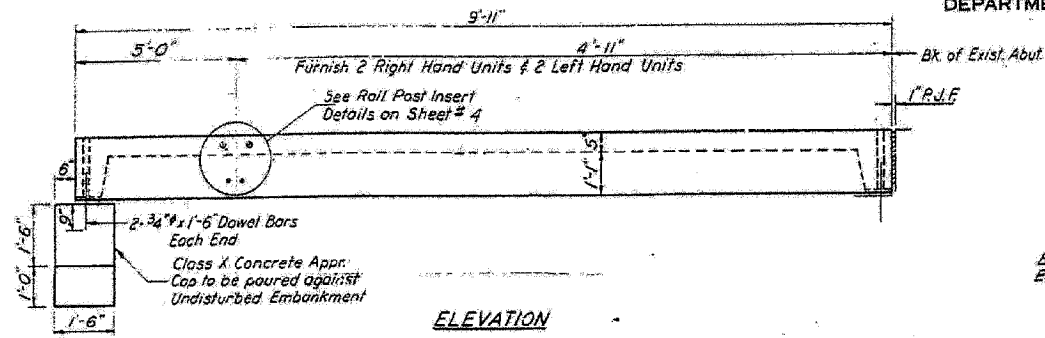


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

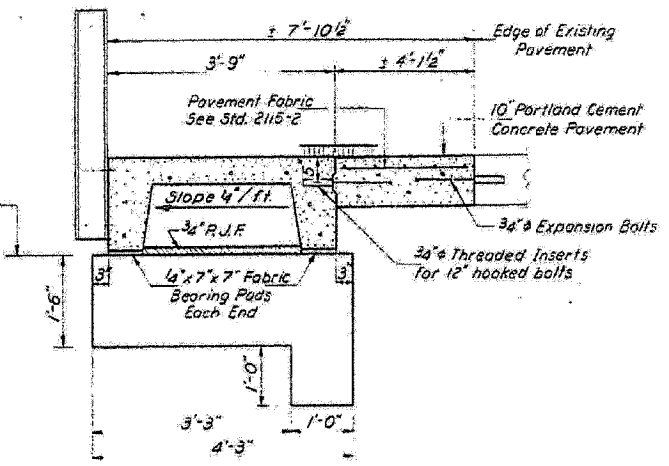
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	115 BR	LIVINGSTON	32	22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	115 BR	LIVINGSTON	32	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

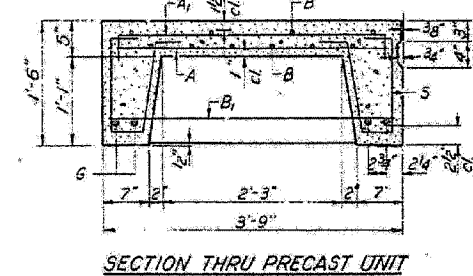


ELEVATION

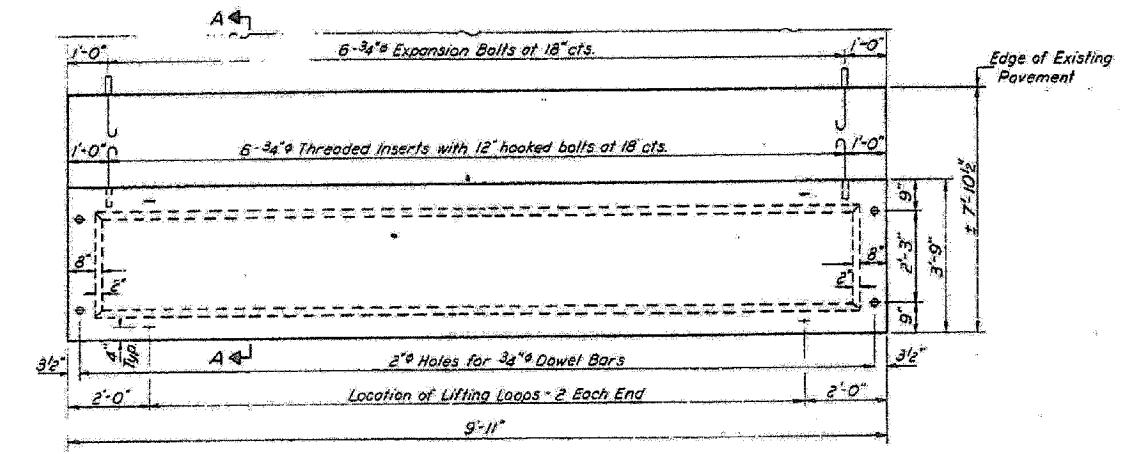
Elev. 98.97 E. Abut.  
Elev. 98.91 W. Abut.



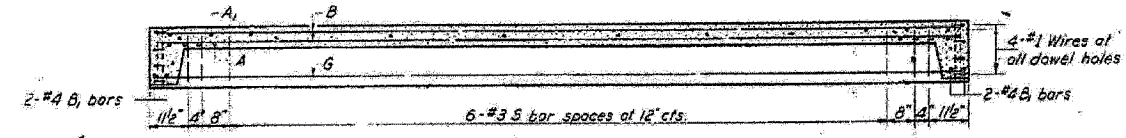
SECTION A-A



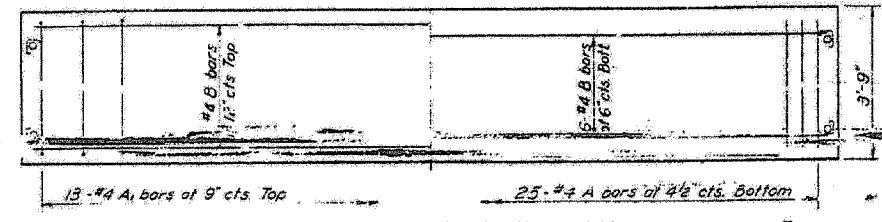
SECTION THRU PRECAST UNIT



PARTIAL PLAN OF APPROACH



LONGITUDINAL SECTION

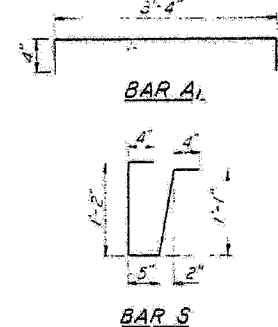


SLAB REINFORCEMENT

BAR LIST - ONE UNIT

Reinforcement to be cast into slab

Bar	No.	Size	Length	Shape
A	25	#4	3'-3"	—
A <sub>1</sub>	13	#4	4'-0"	—
B	10	#4	9'-6"	—
B <sub>1</sub>	6	#4	3'-6"	—
G	4	#6	9'-6"	—
S	22	#3	3'-4"	U



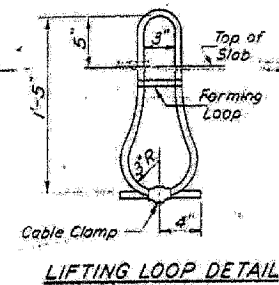
NOTES

Unless otherwise approved by the Engineer, lifting loops shall be 1/2", 6x19 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 3/4" hooked bolts is included in Unit bid price for "Precast Concrete Bridge Slab." The Precast Concrete Bridge Slab shall be erected and aligned with the exterior face of the exterior Deck Beam after Deck Beams are in final position.

BILL OF MATERIAL

Item	Unit	Quantity
Precast Concrete Bridge Slab	Sq. Ft.	149
Portland Cement	Cu. Yds.	19
Expansion Bolts 3/4"	Each	24
Class X Concrete	Cu. Yds.	1.6

DESIGNED	Nov. 17 1970
CHECKED	R. P. Summer
DRAWN	J. L. Armstrong
CHECKED	



LIFTING LOOP DETAIL

STRESSES

f<sub>c</sub> = 4,500 psi.  
f<sub>c</sub> = 1,800 psi.  
f<sub>s</sub> = 20,000 psi.  
n = 8

LOADING HS-20

APPROACH DETAILS

S. B. I. RT 116 SEC. 115 BR  
LIVINGSTON COUNTY  
STATION 126+00

REVISIONS	
NAME	DATE

NO SCALE SHEET 2 OF 5  
ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN  
FOR INFORMATION ONLY

FAP ROUTE 681  
SECTION 115 BR  
LIVINGSTON COUNTY

PLOT DATE = 88/28/2007  
FILE NAME = H:\V\26854\Files Copied from M. Drava\Microstation\Workstation (Working Project File)\shesha03.dgn  
PLOT SCALE = 28.0000 / 1 IN.  
USER NAME = #JUSER#