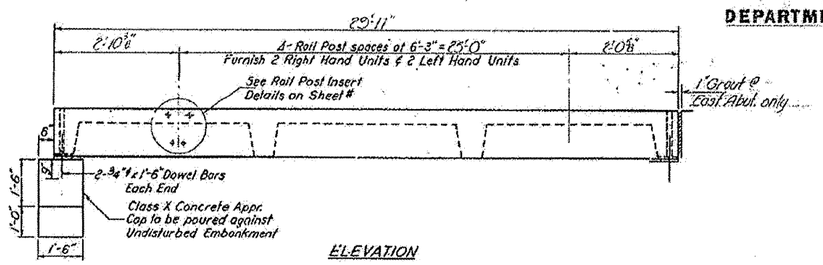
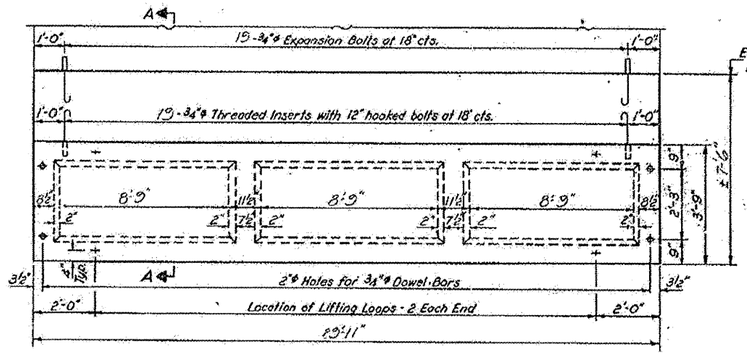
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

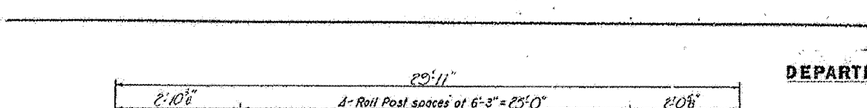
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 91	370A	McDonough	11	8
FED. ROAD PROJ. NO.	FEDERAL FUNDS PROJ. NO.			



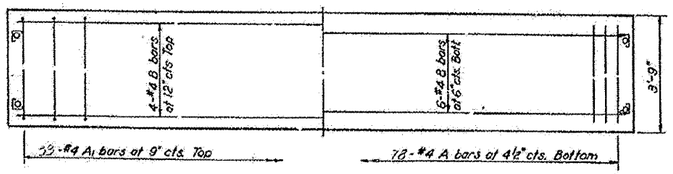
ELEVATION



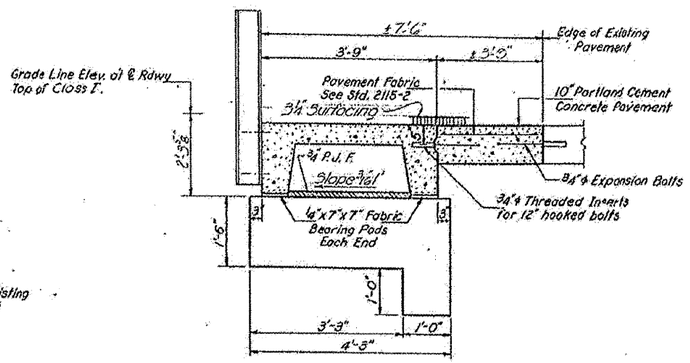
PARTIAL PLAN OF APPROACH



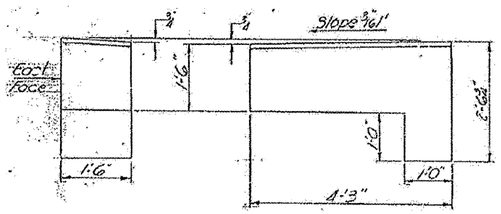
LONGITUDINAL SECTION



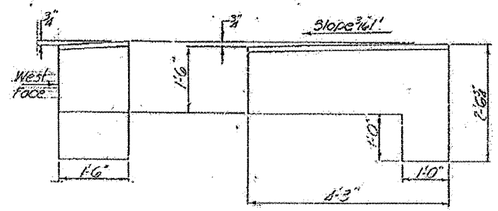
SLAB REINFORCEMENT



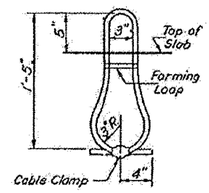
SECTION A-A



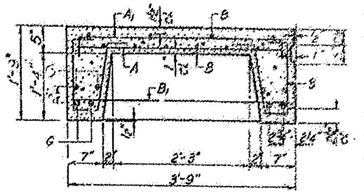
DETAIL OF WEST APPROACH CAPS



DETAIL OF EAST APPROACH CAPS

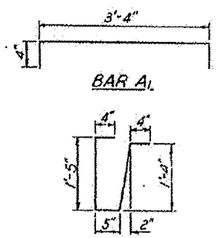


LIFTING LOOP DETAIL



SECTION THRU PRECAST UNIT

FOR INFORMATIONAL PURPOSES ONLY



BAR A1

BAR S

BAR LIST - ONE UNIT
Reinforcement to be cast into slab

Bar	No.	Size	Length	Shape
A	78	#4	3'-3"	—
A1	33	#4	4'-0"	⌐—
B	10	#4	4'-0"	—
B1	8	#4	3'-6"	—
G	6	#8	29'-6"	—
S	31	#3	3'-10"	⌐¬

NOTES

Unless otherwise approved by the Engineer, lifting loops shall be 1⅛", 6x25 class wire rope with fiber core and shall have a minimum ultimate strength of 21,000 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 24"ø 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.

FOUR UNITS
BILL OF MATERIAL

Item	Unit	Quantity
Precast Concrete Bridge Slab	Sq. Ft.	432
Portland Cement Concrete Pavement (10")	Sq. Yds.	93
Pavement Fabric	Sq. Yds.	150
Expansion Bolts ⅞ø	Each	76
Class X Concrete	Cu. Yds.	1.6

DESIGNED	J. T. Darling
CHECKED	J. C. Pate
DRAWN	J. L. Armstrong
CHECKED	J. C. P.

EXAMINED June 3, 1971
PASSED W. E. Bergmann
APPROVED Lionel R. Hollerman

STRESSES
f'c = 4,500 psi.
fc = 1,800 psi.
fs = 20,000 psi.
n = 8

LOADING HS-20

APPROACH DETAILS
SEE PT 3 SEC. 7TER
MC DONOUGH COUNTY
STA. 364+ 9.10

AP-4 - 20' Precast Appr. Unit (Rt. & Lt.)