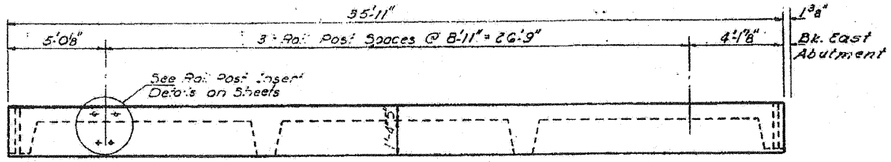
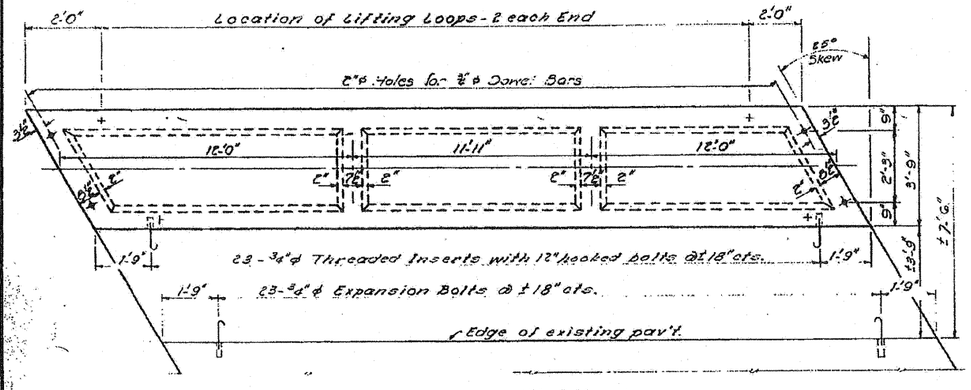
STATE OF ILLINOIS
~~DIVISION OF HIGHWAYS~~

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. FA 4.0	8BR	WHITESIDE	11	7
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

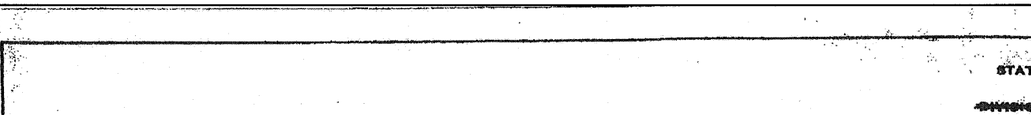
SHEET NO. 5
9 SHEETS



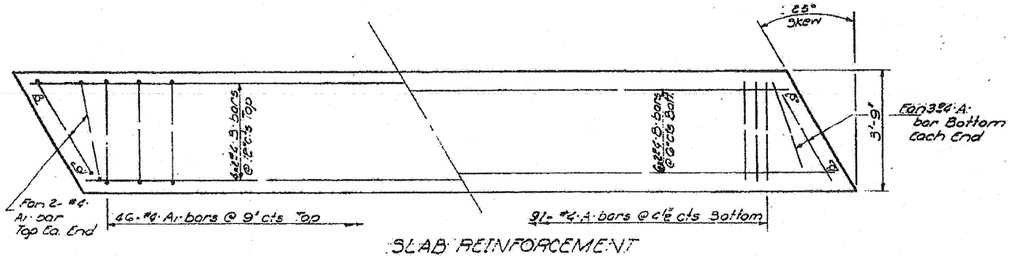
ELEVATION



PLAN



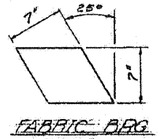
LONGITUDINAL SECTION



SLAB REINFORCEMENT

DESIGNED	Charles Pflum	
CHECKED	Shah, Tj. M. FA	
DRAWN	J. Kessler	CG
CHECKED		S.T.

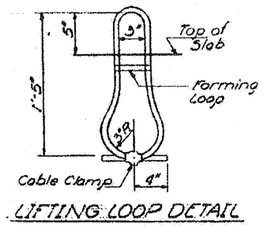
EXAMINED — April 9 1991
PASSED
APPROVED



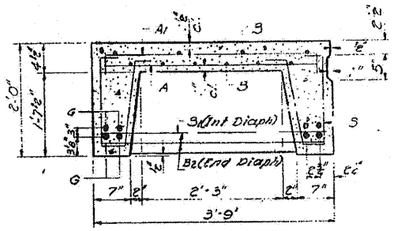
FABRIC BRG PAD

STRESSES
f'c = 4,500 psi
fc = 1800 psi
fs = 20,000 psi
n = 8

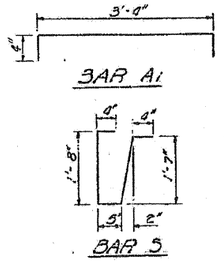
LOADING HS-20



LIFTING LOOP DETAIL

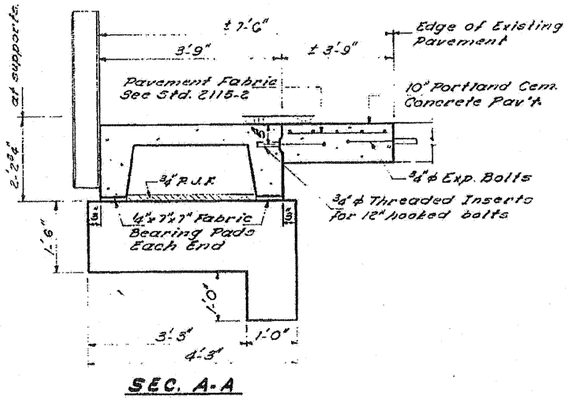


SECTION THRU PRECAST UNIT



BAR LIST - ONE UNIT
Reinforcement to be cast into slab

Bar	No	Size	Length	Shape
A	97	#6	5'-3	—
A1	50	#6	6'-0"	⌐ ⌐
B	20	#6	18'-8"	—
B1	2	#6	5'-0"	—
B2	6	#6	3'-10"	—
G	8	#11	35'-7"	—
S	72	#3	2'-4"	⌐ ⌐



SEC. A-A

See sheet #4 for Section A1 Appr. Cap and Plan Appr. Cap

NOTES

Unless otherwise approved by the Engineer, lifting loops shall be 5/8" ø Gr 25 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 ¾" 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.

TWO 36' PRECAST CONC. SLABS
BILL OF MATERIAL

Item	Unit	Qty.
Precast Concrete Bridge Slab	Sq. Ft.	270
Portland Cement Conc. Pavement (10")	Sq. Yds.	30
Pavement Fabric	Sq. Yds.	30
Expansion Bolts ¾" ø	Each	46
Class X Concrete	Cu. Yds.	0.9

APPROACH DETAIL
FA RT. 40 SEC. 8-BR
WHITESIDE COUNTY
STATION 1375+23.67

EXISTING STRUCTURE PLANS — FOR REFERENCE ONLY

FILE NAME = P:\CBBEL WEST Projects\2009\124100_MCP_IL40_Cw1\Dgn\Sht\102841654-sht-misc5.dgn

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

USER NAME = @USER@	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 8/2/2010	DATE - 8/6/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
FOR REFERENCE ONLY

SCALE: | SHEET NO. 65 OF 90 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8BR-1	WHITESIDE	90	65
		CONTRACT NO. 84854		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		