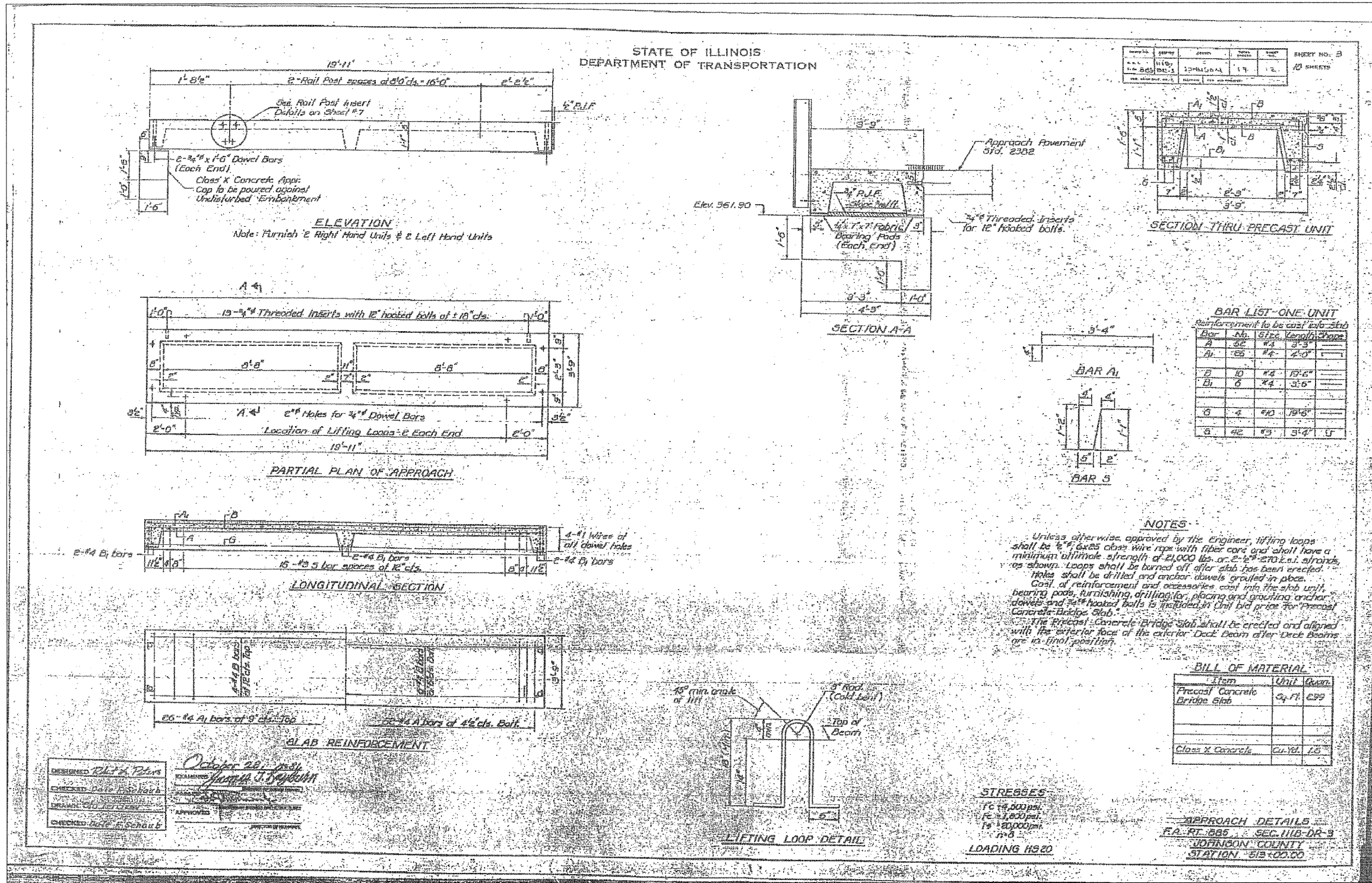


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 885	SECTION IIIBR-1	COUNTY Johnson	TOTAL SHEETS 94	SHEET NO. 78	SHEET NO. 3 10 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

Contract #78030



DATE	BY	CHKD.	APP'D.	SHEET NO.
11/10/08	P.L.F.	J.M.C.	J.C.	78

**BAR LIST - ONE UNIT**  
Reinforcement to be cast into slab

Bar No.	Qty	Size	Length	Shape
A	25	#4	3'-3"	
A1	25	#4	2'-0"	
B	10	#4	10'-6"	
B1	6	#4	3'-6"	
C	4	#10	10'-6"	
G	42	#3	5'-4"	U

**NOTES**

Unless otherwise approved by the Engineer, lifting loops shall be 1/2" x 1/2" x 25 class wire rope with fiber core and shall have a minimum ultimate strength of 21,000 lbs. or 2-1/2" x 270 k.s.i. strands, as shown. Loops shall be burned off after slab has been erected.

Notes 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 1/2" hooked balls 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	Quan.
Precast Concrete Bridge Slab	Sq. Ft.	295
Class X Concrete	Cu. Yd.	15

**STRESSES**  
 FC 4,000 psi  
 FC 3,000 psi  
 FS 20,000 psi  
 n=8  
 LOADING H20

**APPROACH DETAILS**  
 F.A. RT. 885 / SEC. IIIBR-1  
 JOHNSON COUNTY  
 STATION 513+00.00

DESIGNED: D.L.H. Blair  
 CHECKED: D.L.H. Blair  
 DATE: October 23, 2008  
 APPROVED: [Signature]

**HAMPTON, LENZINI & RENWICK, INC.**  
 CIVIL & STRUCTURAL ENGINEERS  
 LAND SURVEYORS  
 3085 STEVENSON DRIVE, SUITE 201  
 SPRINGFIELD, ILLINOIS 62703  
 (217) 546-3400

**EXISTING STRUCTURE PLANS**  
 IL. ROUTE 146 OVER BELL POND  
 F.A.P. ROUTE 885 / SECTION IIIBR-1  
 JOHNSON COUNTY  
 STATION 513+00  
 STRUCTURE NO. 044-0022

PROJECT NUMBER: 12-52-0007-1 DATE: 04/02/08  
 DESIGNED: P.S.L. CHECKED: M.D.C. DRAWN: D.T.M.