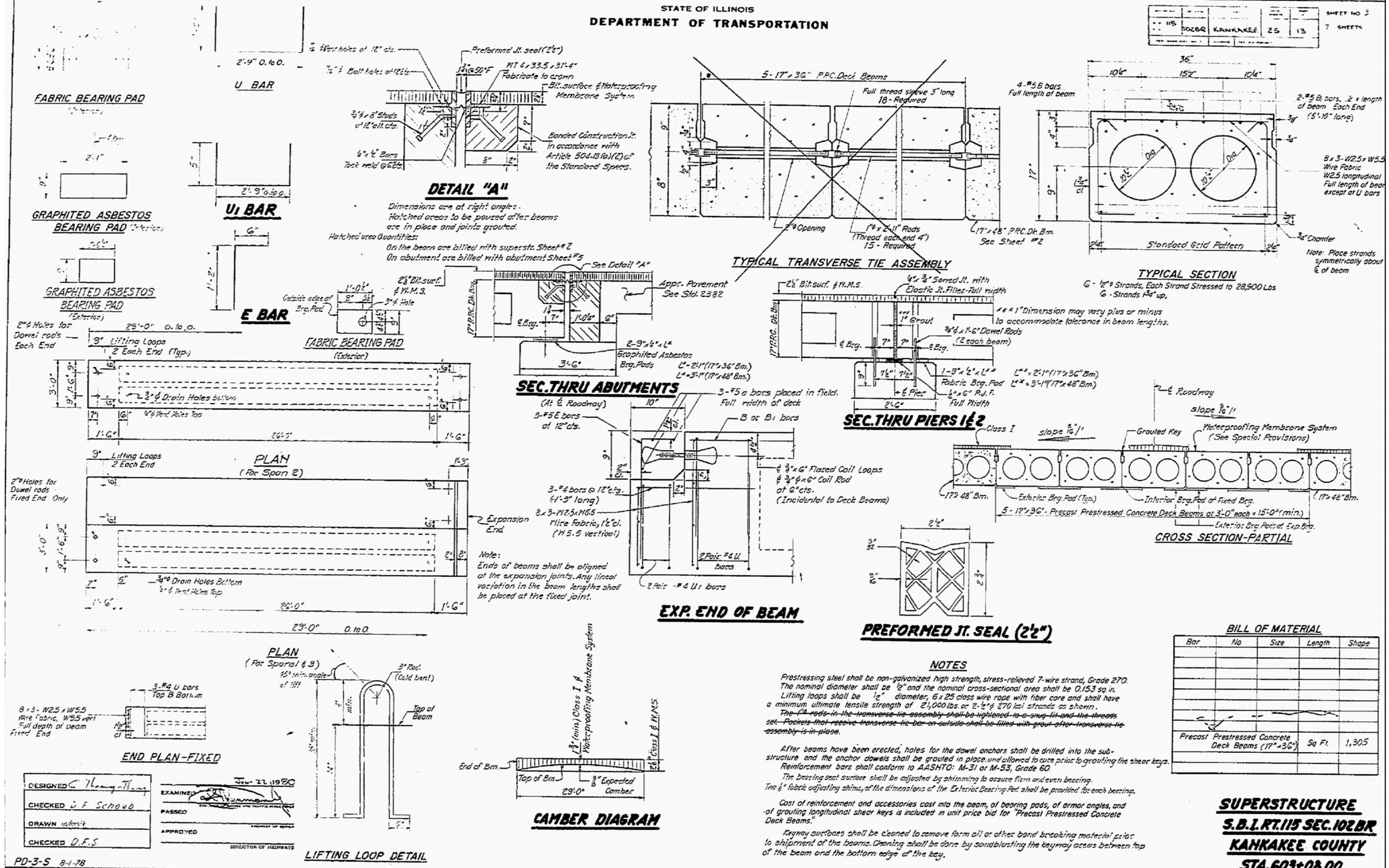
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

115	102BR	KANKAKEE	25	13	SHEET NO 3 / 7 SHEETS



NOTES

Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.

Lifting loops shall be 1/2" diameter, 6 x 25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 21,000 lbs. or 2-1/2" ø 270 ksi strands as shown.

~~The 1" ø rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar on outside shall be filled with grout after transverse tie assembly is in place.~~

After beams have been erected, holes for the dowel anchors shall be drilled into the substructure and the anchor dowels shall be grouted in place and allowed to cure prior to grouting the shear keys.

Reinforcement bars shall conform to AASHTO: M-31 or M-53, Grade 60.

The bearing seat surface shall be adjusted by shimming to assure firm and even bearing. Two 1/8" fabric adjusting shims, of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.

Cost of reinforcement and accessories cast into the beam, of bearing pads, of armor angles, and of grouting longitudinal shear keys is included in unit price bid for "Precast Prestressed Concrete Deck Beams."

Keyway surfaces shall be cleaned to remove form oil or other bond breaking material prior to shipment of the beams. Cleaning shall be done by sandblasting the keyway areas between top of the beam and the bottom edge of the key.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
Precast Prestressed Concrete Deck Beams (17" x 36")			Sq. Ft.	1,305

SUPERSTRUCTURE
S.B.I. RT. 115 SEC. 102BR
KANKAKEE COUNTY
STA. 603+08.00

DESIGNED C. Henry-Tilney
CHECKED D. F. Schaub
DRAWN
CHECKED D.F.S.
EXAMINED Jan. 22, 1980
PASSED
APPROVED
DIRECTOR OF HIGHWAYS

PD-3-S 8-1-78
Revised 6-9-1987 TWH

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
c:\pw_work\pwidot\duncanbd\dms68355\EP04404-sht-F10.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/12/2013	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
EXISTING STRUCTURE

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1323	102 BR	KANKAKEE	53	41
		CONTRACT NO. 66B66		
		ILLINOIS FED. AID PROJECT		