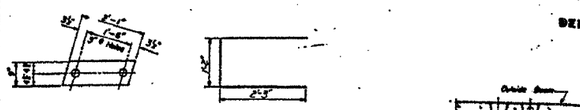
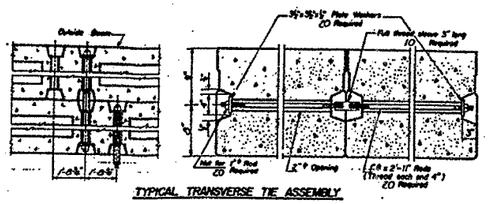
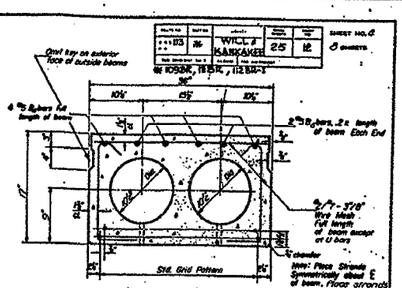
CONTRACT NO. 66410

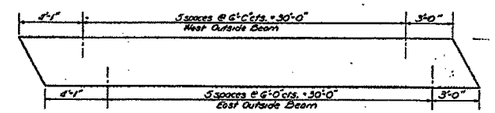
F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1317	109 BR,N	KANKAKEE	58	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

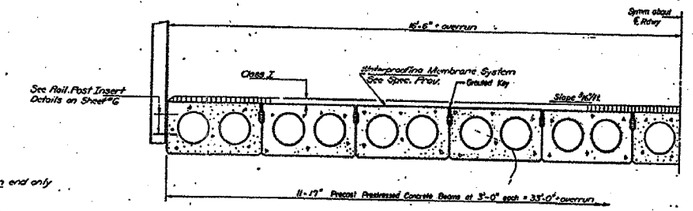
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

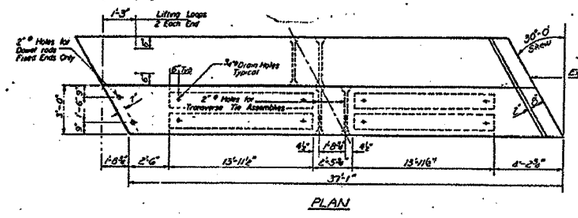


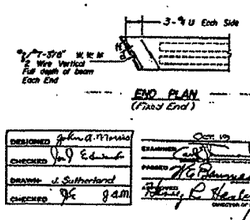


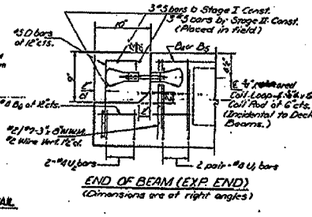












GENERAL NOTES

Prestressing steel shall be non-galvanized extra high strength, stress-relieved 7-wire strand. The nominal diameter shall be ½" and the nominal cross-sectional area shall be 0.115 sq. in.. Lifting loops shall be ⅝" ø Diameter, 61 ft class wire rope with fiber core and shall have a minimum ultimate tensile strength of 10,700 lbs.

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 beams shall be filled with grout after transverse tie assembly is in place.

Longitudinal shear keys shall be packed with a very dry mix of 2:1 sand and P.C. mortar. 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.

Dowel rods shall be A.S.T.M. A-306 or A.S.T.M. A-615. Transverse tie rods shall be A.S.T.M. A-306, Grade 70-60.

After fabrication the transverse tie assemblies (tie rods, nuts, washers and sleeves) shall be hot-dipped galvanized in accordance with A.S.T.M. Designation: A153.

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."

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
b	3	#6	12'-9"	
c₁	3	#5	26'-0"	
Precast Prestressed Concrete Deck Beams (11")			Sq. Ft.	1228
Class X Concrete			Cu. Yds.	0.5
Reinforcement Bars			Pound	120

SUPERSTRUCTURE
S.B.I. RT. 113 SEC. 109 BR
KANKAKEE COUNTY
STATION 260+00.00

W-SR-3 (8-15-77)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EX BR PLANS FOR INFORMATION ONLY

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY