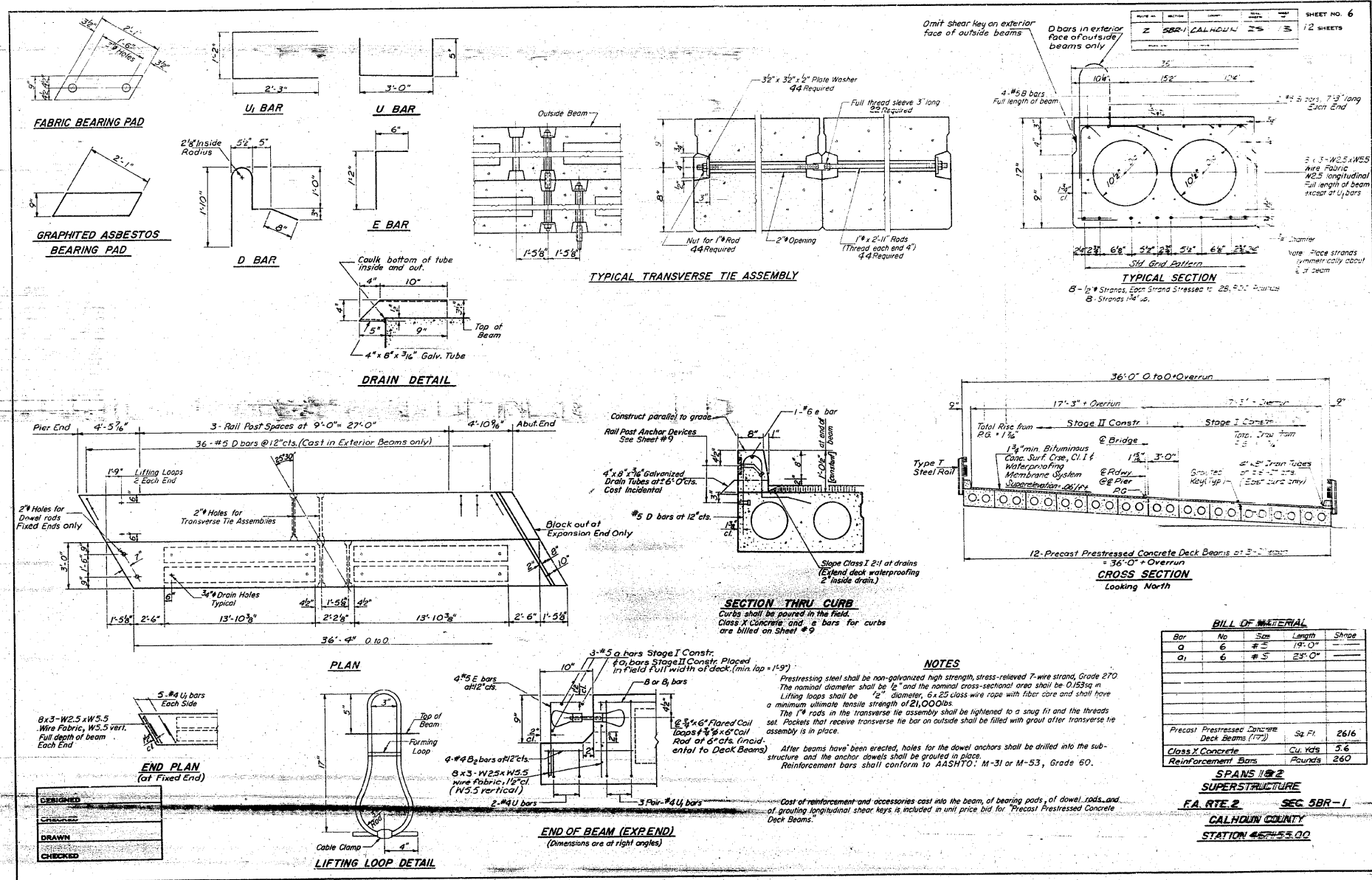


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	5BR-2	CALHOUN	68	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SHEET NO. 6
 Z 5BR-1 CALHOUN 25 5 12 SHEETS

BILL OF MATERIAL

Bar	No	Size	Length	Shape
0	6	#5	19'-0"	
01	6	#5	23'-0"	

Precast Prestressed Concrete Deck Beams (17')	Sq Ft	2616
Class X Concrete	Cu Yds	5.6
Reinforcement Bars	Pounds	260

SPANS 1 & 2
SUPERSTRUCTURE
F.A. RTE. 2 **SEC. 5BR-1**
CALHOUN COUNTY
STATION 457+55.00

NOTES

Pressing 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 0.153sq 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 21,000lbs.

The 1/4" 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 sub-structure and the anchor dowels shall be grouted in place.

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

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

FOR INFORMATION ONLY

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING STRUCTURE PLANS

FAP ROUTE 304
 SECTION 5BR-2
 CLINTON COUNTY

SCALE: VERT. DATE
 HORIZ. DATE

DRAWN BY
 CHECKED BY

PLOT DATE = 1/24/2008
 FILE NAME = c:\p\proj\304\5br\9005\plan\p1n69005.dgn
 PLOT SCALE = 5/8"=1'-0"
 REFERENCE = #REF#