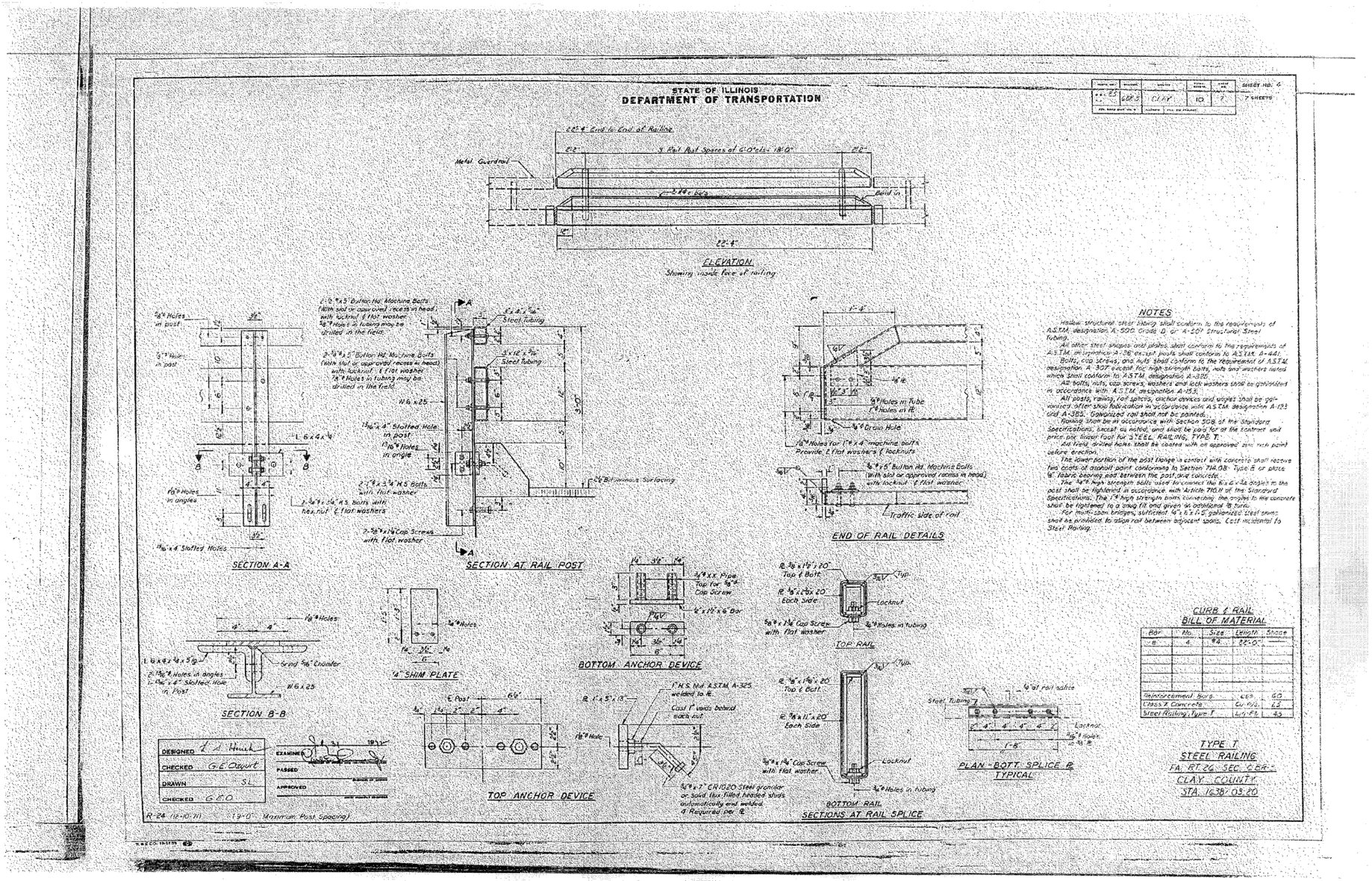
CONTRACT NO. 74107

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(6BR-3)B-1	CLAY	109	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



NOTES

Hollow structural steel tubing shall conform to the requirements of A.S.T.M. designation A-500, Grade B, or A-501 Structural Steel Tubing.

All other steel shapes and plates shall conform to the requirements of A.S.T.M. designation A-36 except posts shall conform to A.S.T.M. A-441.

Bolts, cap screws, and nuts shall conform to the requirement of A.S.T.M. designation A-307 except for high strength bolts, nuts and washers used which shall conform to A.S.T.M. designation A-325.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized in accordance with A.S.T.M. designation A-153.

All posts, railing, rail splices, anchor devices and angles shall be galvanized after shop fabrication in accordance with A.S.T.M. designation A-123 and A-385. Galvanized rail shall not be painted.

Railing shall be in accordance with Section 508 of the Standard Specifications, except as noted, and shall be paid for at the contract unit price, per linear foot for STEEL RAILING, TYPE T.

All field drilled holes shall be coated with an approved zinc rich paint before erection.

The lower portion of the post flange in contact with concrete shall receive two coats of asphalt paint conforming to Section 714.08 Type B or plate 16 fabric bearing pad between the post and concrete.

The 3/4"ø high strength bolts used to connect the 6"x 6"x 3/8" angles to the post shall be tightened in accordance with Article 7M.11 of the Standard Specifications. The 1"ø high strength bolts connecting the angles to the concrete shall be tightened to a snug fit and given an additional 1/3 turn.

For multi-span bridges, sufficient 1/8"x 1"x 1'-0" galvanized steel shims shall be provided to align rail between adjacent spans. Cost incidental to Steel Railing.

CURB & RAIL
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
B	4	#4	22'-0"	
Reinforcement Bars		Lump		G.O.
Class X Concrete		Cu. Yds.		1.5
Steel Railing, Type T		Lin. Ft.		43

TYPE T
STEEL RAILING
FA RT 26 SEC C&R
CLAY COUNTY
STA. 1638+05.20

328	(6BR-3)B-1	CLAY	109	47	7 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

SHEET NO. 6

ESCA CONSULTANTS, INC.		
DESIGNED BY:	DAJ	04/08
DRAWN BY:	HAS	04/08
CHECKED BY:	MTD	05/08
APPROVED BY:	RDP	08/08

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
US 45 OVER BRANCH OF ELM CREEK
FAP ROUTE 328 - SECTION (6BR-3)B-1
CLAY COUNTY