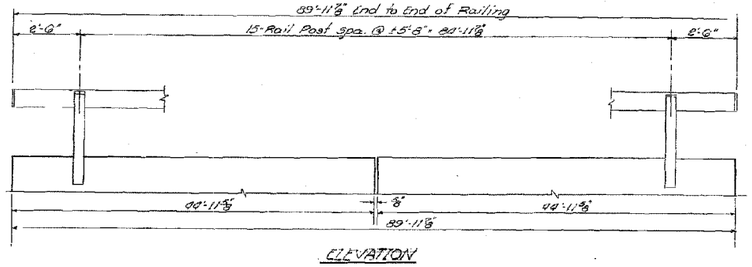
CONTRACT NO. 66647

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	123-BR-1	IROQUOIS	39	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

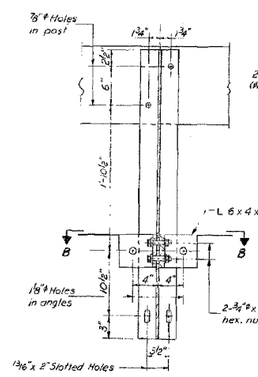
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

A.A.M.S.	123BR	IROQUOIS	30	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. A.M. PROJECT		

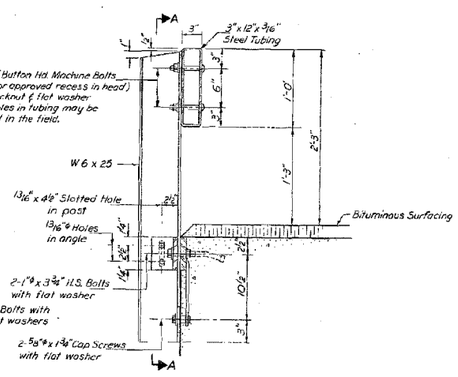
SHEET NO. 6
30 SHEETS



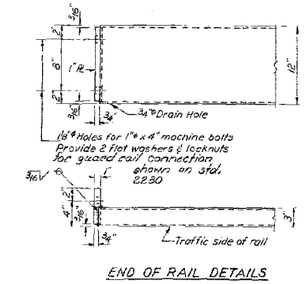
ELEVATION



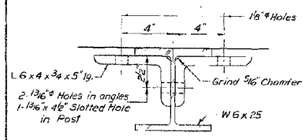
SECTION A-A



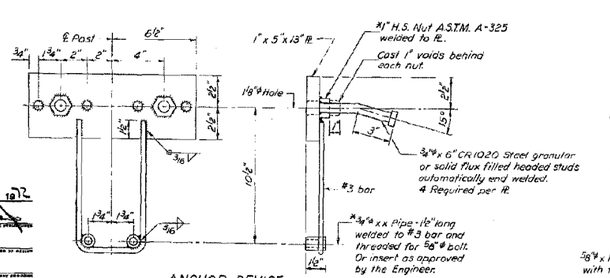
SECTION AT RAIL POST



END OF RAIL DETAILS

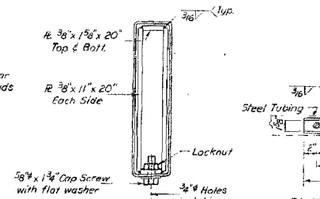


SECTION B-B

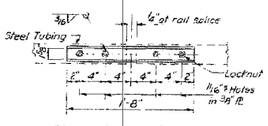


ANCHOR DEVICE

* Threaded areas shall be plugged or blocked off during casting of beam.



SECTION AT RAIL SPLICE



PLAN - BOTT. SPLICE PL TYPICAL

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S	Lin Ft.	180

TYPE S
STEEL RAILING
SBI RT 49 SEC. 123BR
IROQUOIS COUNTY
STA. 1351+70.0

DESIGNED	N.A.P.	
CHECKED	J.M. Patel	
DRAWN	J. SCHNELLER	
CHECKED	J.M.P.	

EXAMINED Dec 14 1972
PASSED
APPROVED

R-23 (12-10-71) (6'-3" Maximum Post Spacing)

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 noted 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 S.

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 719.08 Type B or place ⅛" fabric bearing pad between the post and concrete.

The ¾" ϕ high strength bolts used to connect the 6 x 4 x ¾ angles to the post shall be tightened in accordance with Article 710.11 of the Standard Specifications. The 1" ϕ high strength bolts connecting the angles to the concrete shall be tightened to a "snug fit" and given an additional ⅛ turn.

DISTRIBUTION

ESCA CONSULTANTS, INC.		
DESIGNED BY:	MTD	08/06
DRAWN BY:	HAG	08/06
CHECKED BY:	ELH	08/06
APPROVED BY:	RDP	08/06

EXISTING STRUCTURE PLANS
FAP RTE 840 (IL 49)
SECTION 123-BR-1
IROQUOIS COUNTY

FOR INFORMATION ONLY