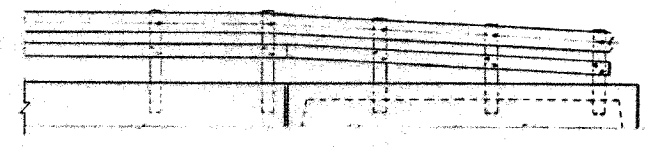
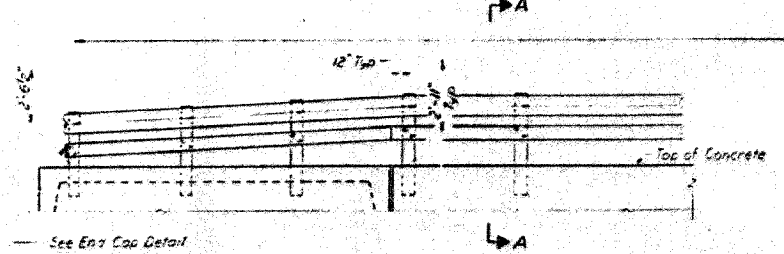


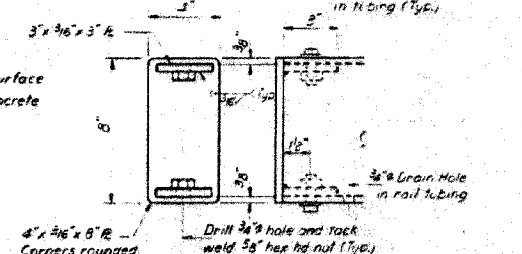
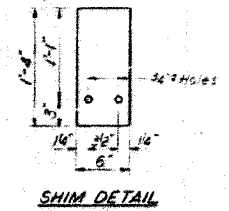
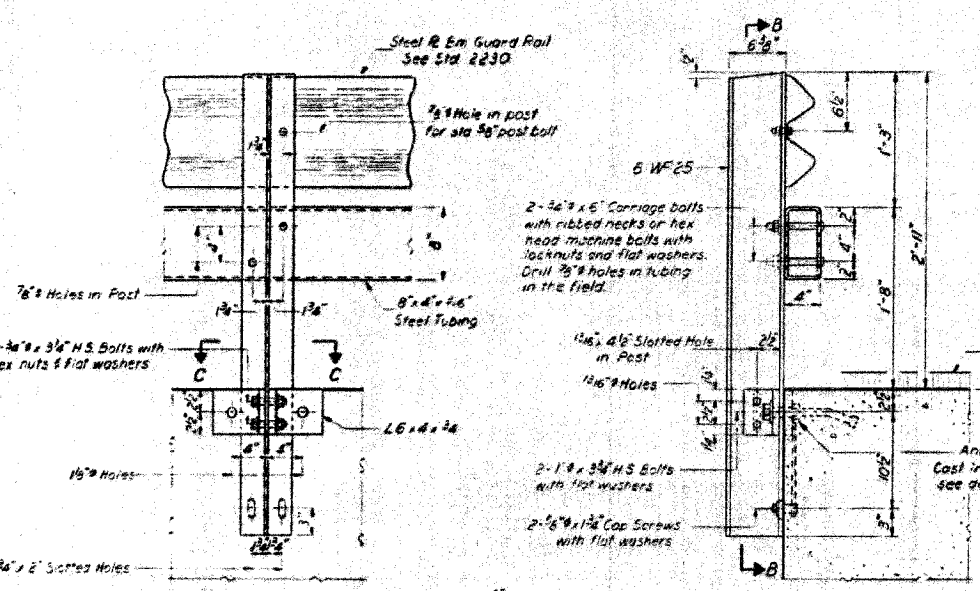
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	136 BR-1	IROQUOIS	45	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION	NO.
12/12/05	JL	1	1

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
M-Post Spacing 6'-3" @ 9'-0"



ELEVATION
Showing inside face of railing



END CAP DETAIL
4 Required

NOTES

Hollow structural steel tubing shall conform to the requirements of ASTM designation A-501 Hot Formed Welded and Seamless Carbon Steel Structural Tubing.

All other steel shapes and plates shall conform to the requirements of ASTM designation A-441 or A-36.

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

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

All posts, railing rail-splices, anchor devices and angles shall be galvanized after shop fabrication in accordance with ASTM designation A-153 and A-335. 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 W.

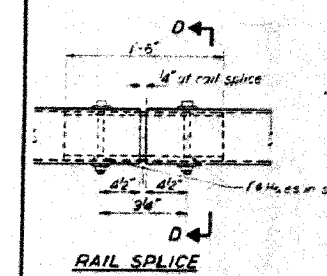
All field drilled holes shall be coated with an approved zinc rich paint before erection.

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 place 1/2\"/>

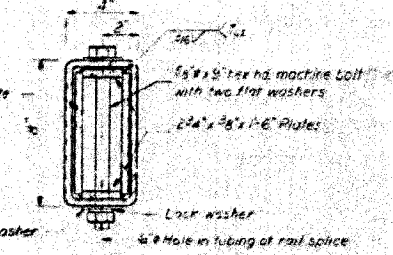
The 1/2\"/>

The 1/2\"/>

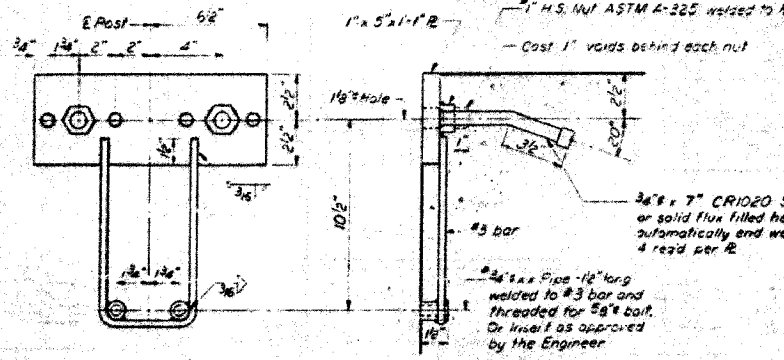
For multi-span bridges, sufficient 1/2\"/>



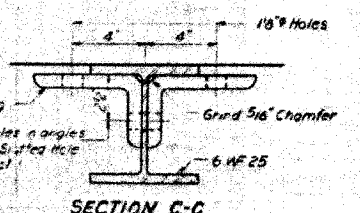
RAIL SPLICE



SECTION D-D



ANCHOR DEVICE



SECTION C-C

BILL OF MATERIAL

Item	Unit	Quantity
STEEL RAILING, TYPE W	Lin Ft	175

**TYPE W
STEEL RAILING**
5151 RT 49 SEC 136 BR
IROQUOIS COUNTY
STA PG 102.03

DESIGNED	John J. Schaefer	EXAMINED	Mar 18 01
CHECKED	James Lewis	ISSUED	
DRAWN	J.L. Armstrong	APPROVED	
CHECKED	JP		

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING BRIDGE PLANS
FAP RTE 840 (IL RTE 49)
SECTION 136 BR-1
IROQUOIS COUNTY

SCALE: VERT. _____
HORIZ. _____
DATE: 12/7/05

DRAWN BY: LANDREY
CHECKED BY: BOTT

GREENE & BRADFORD, INC.
OF SPRINGFIELD
REGISTERED PROFESSIONAL ENGINEERS
ILLINOIS LICENSE NO. 001-00000000
PROFESSIONAL DESIGN FIRM, ILL. REG. NO. 001-00000000
OFFICE: 100 S. WASHINGTON ST., SPRINGFIELD, ILL. 62760
TEL: 217-244-1200 FAX: 217-244-1201

COMPUTER FILE NO.
03236.W012.EPLN
PROJECT 03236 W012
12/7/05 - MML

PLOT DATE = 12/21/2005
FILE NAME = J:\03236\12\21\05\Drawings\03236-W012-EPLN.dgn
PLOT SCALE = 50.000000 / 1.00
OPERATOR = michellel