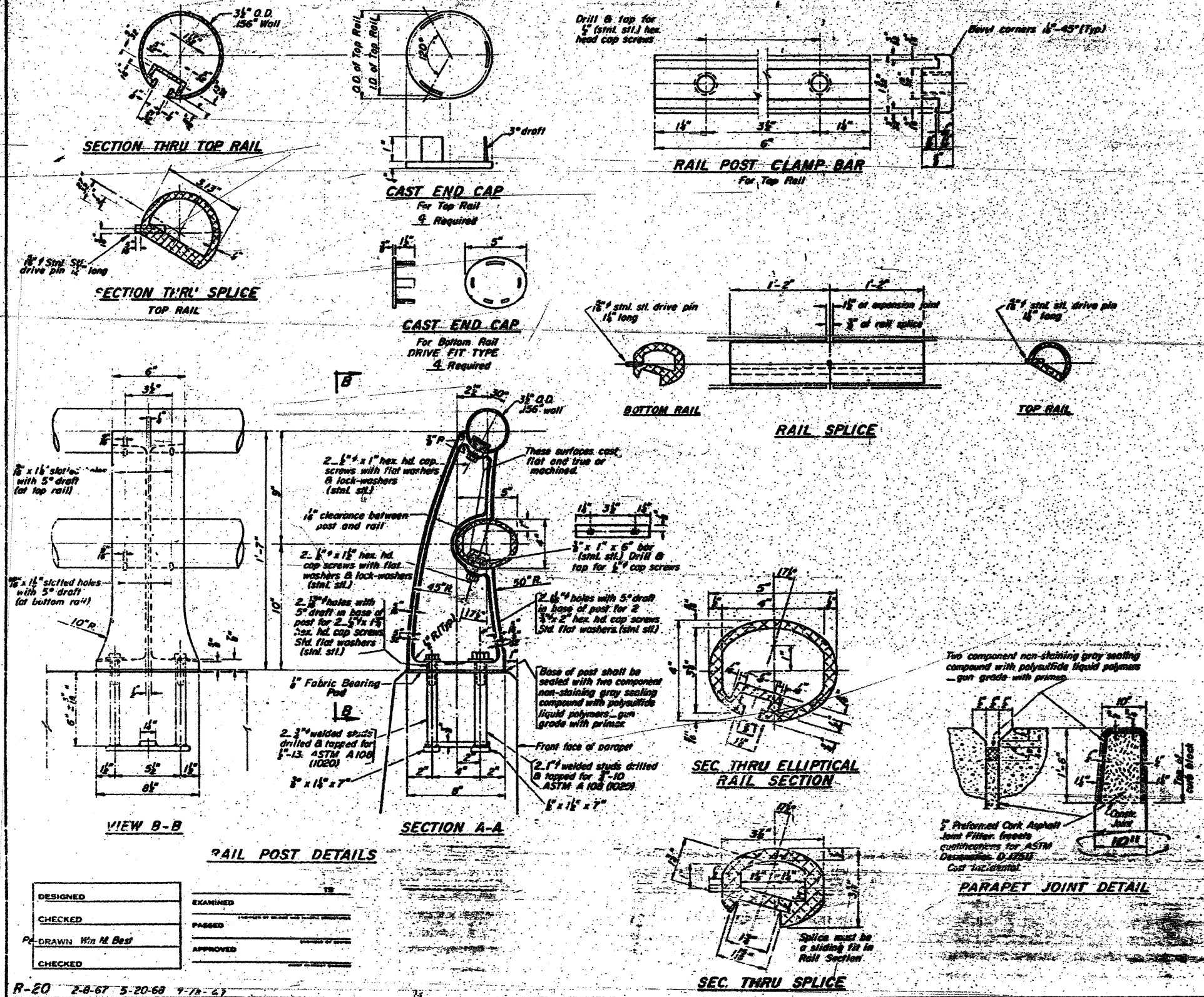


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	ST. CLAIR 42	EIA	NO. 5 C
DATE	11/25/67		
BY			
CHECKED			
APPROVED			



NOTES:

All Posts shall be normal to postset.

All Aluminum Alloy Extruded Rail shall be supplied in modular lengths of 30 feet, except at the end of bridge or over open points in bridge deck where the rail shall be attached to a minimum of 2 posts. If the rail is on a horizontal curve of 2300 foot radius or less, the modular lengths may be reduced but shall be attached to a minimum of 2 posts.

All joints in rail shall be spliced per detail.

Provide 1-3/4" and 2-1/4" Aluminum Shims for 25% of the Posts. Rail elements shall be parallel to Grade - high spots shall be ground and low spots shimmed.

Rolling 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 ALUMINUM RAILING, TYPE L.

Aluminum alloy used shall conform to ASTM B221, alloy 6061-T6 or 6351-T5 with min. yield 35 ksi, min. tensile 50 ksi, and elongation of 10% in 2 inches.

For post and joint spacing see sheet 5 of 11.

BILL OF MATERIALS

Item	Unit	Quantity
ALUMINUM RAILING, TYPE L	CS. P.	646

TYPE L
ALUMINUM RAILING

FBI ROUTE 64 - SEC. B2-1MB-1

ST. CLAIR COUNTY

STA 75+25.50

DESIGNED	PP
CHECKED	AB
P. DRAWN	Wm M. Best
CHECKED	

R-20 2-8-67 5-20-68 9-12-67

10-20-71 JMJ