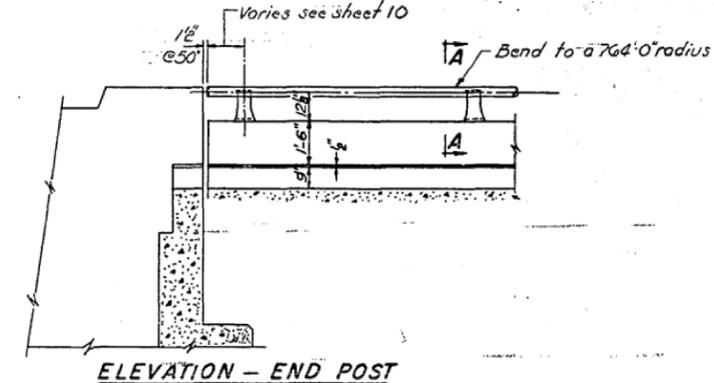
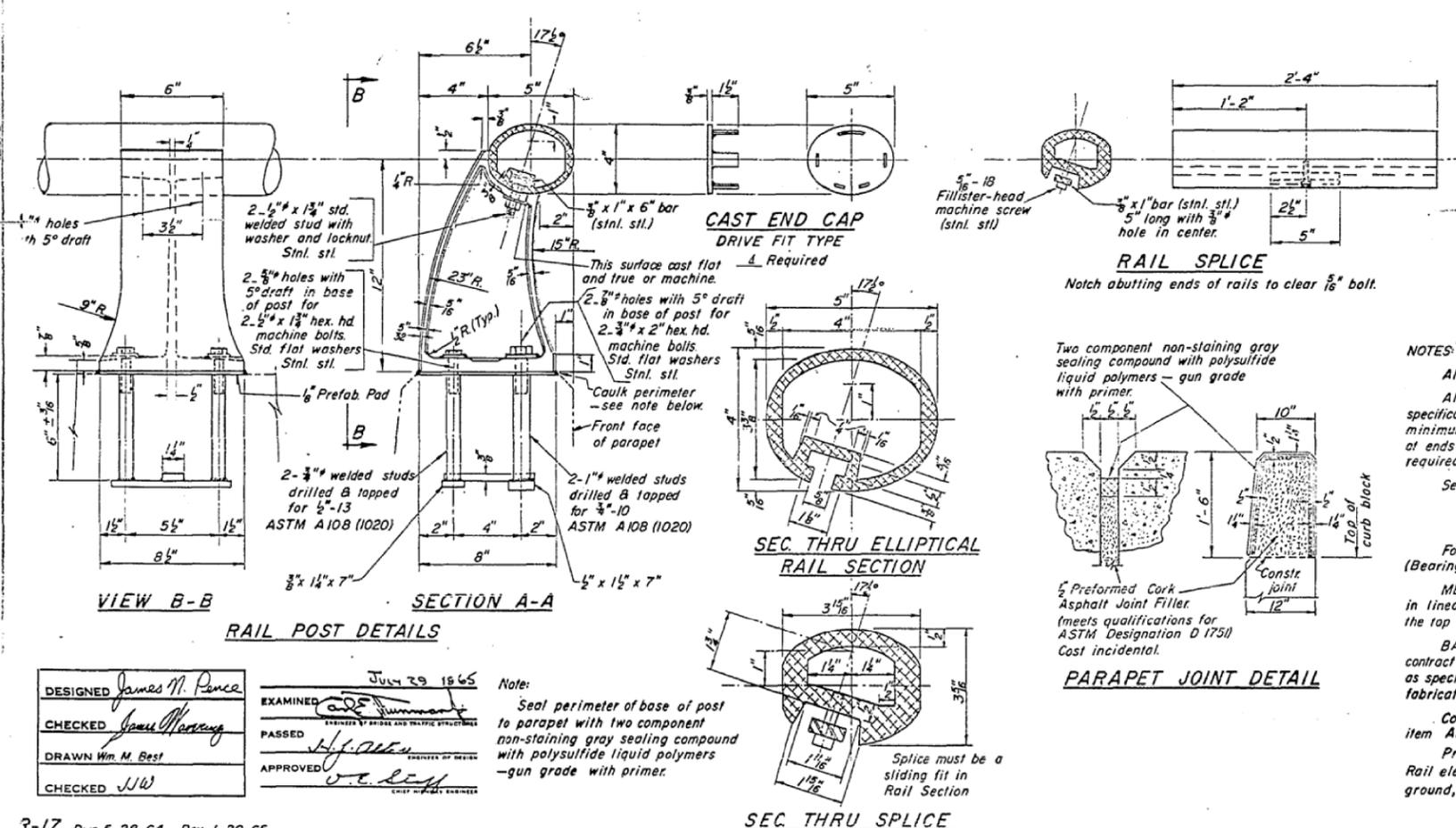


DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-A	HB-2	CHAMPAIGN	34	17
18 SHEETS				

For Rail and Parapet Joint Spacing See Sheet 10



NOTES:

All Posts shall be normal to parapet.

All Aluminum Alloy Extruded Rail shall conform to ASTM specification B-235 alloy 6061-T6, or 6062-T6, and shall extend a minimum of 2 panel lengths (attached to minimum of 3 posts) except at ends or at open joints where a minimum of 1 panel length is required. All joints in railing must be spliced per detail.

See Special Provisions for following Material Specifications:
 Cast Aluminum Alloy Bridge Post—Alloy 344-T4.
 Stainless Steel Welded Stud Bolts, Washers, and Locknuts

For material composition of Prefabricated Pad, see Article 54.9(f), (Bearing and Anchorage), of the Standard Specifications.

METHOD OF MEASUREMENT: Aluminum handrail shall be measured in lineal feet. The length paid for shall be the over all length along the top longitudinal railing member thru all posts and gaps.

BASIS OF PAYMENT: Aluminum handrail shall be paid for at the contract unit price per lineal foot for ALUMINUM HANDRAIL, measured as specified, which price shall be payment in full for all materials, fabrication, transportation, and erection.

Cost of rail splice, end caps, and hardware to be incidental to item ALUMINUM HANDRAIL.

Provide 1-5" and 2-1/2" Aluminum Shims for 25% of the Posts. Rail element shall be parallel to Grade—high spots shall be ground, and low spots shimmed.

BILL OF MATERIAL

Item	Unit	Quantity
ALUMINUM HANDRAIL	Lin. Ft.	536'-0"

DESIGNED *James M. Pence*
 CHECKED *James M. Pence*
 DRAWN *Wm. M. Best*
 CHECKED *JW*

EXAMINED *Carl J. ...*
 PASSED *H. J. ...*
 APPROVED *J. E. ...*

July 29 1965

Note:
 Seal perimeter of base of post to parapet with two component non-staining gray sealing compound with polysulfide liquid polymers—gun grade with primer.

P-17 Dwn 5-28-64 Rev. 1-20-65

HANDRAIL DETAILS
 F.A.I.R.T. 74 SEC. 10-4HB-2
 CHAMPAIGN COUNTY
 STA. 1547+92.48