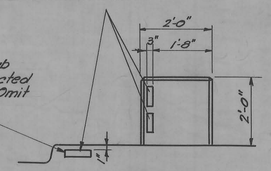
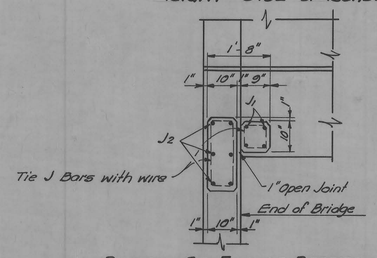
FED. ROAD DIV. No.	STATE	PROJECT No.	FISCAL YEAR	SHEET No.
3	FLA.			

Note: Set Reflector plates on right hand End Post and curb as shown. Plates to be furnished by S.R.D. and set in place by the contractor. The Project Engineer shall order these plates from the nearest Maintenance Dept. Cost of installing Plates to be included in the contract unit price for concrete Handrail.

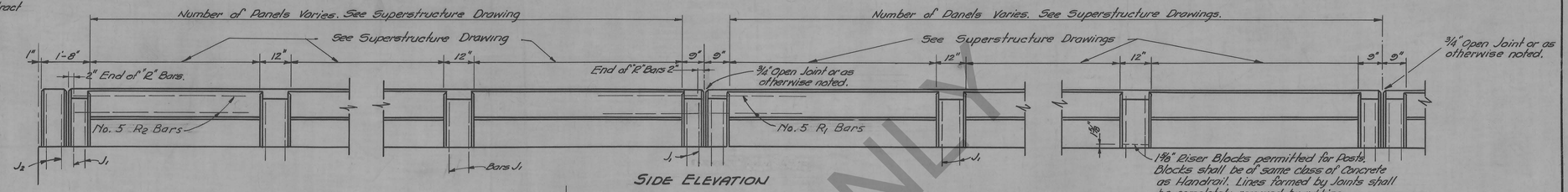
Note: When Box Drain or Curb and Gutter is to be constructed adjacent to Bridge Ends, Omit this Reflector Plate



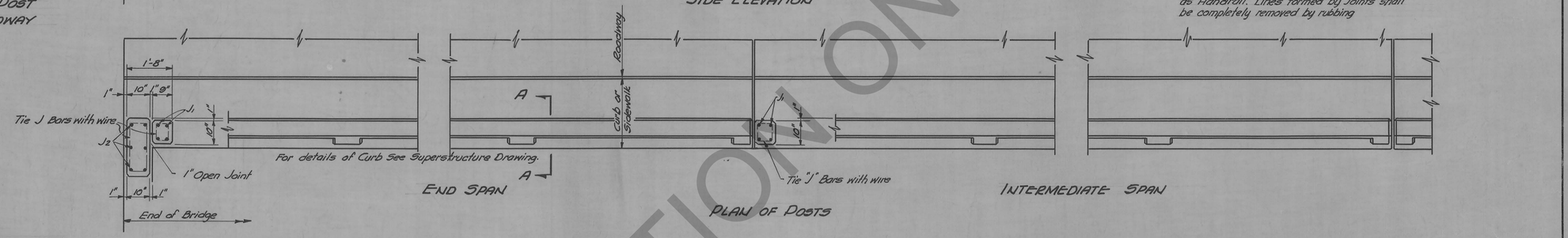
ELEVATION OF END POST
RIGHT SIDE OF ROADWAY



DETAIL AT END OF BRIDGE
WHEN 2'-0" POST RESTS ON SUBSTRUCTURE



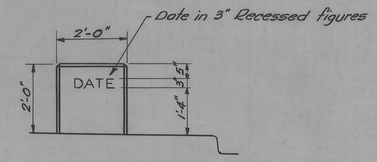
SIDE ELEVATION



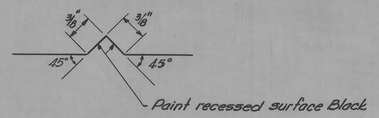
END SPAN

PLAN OF POSTS

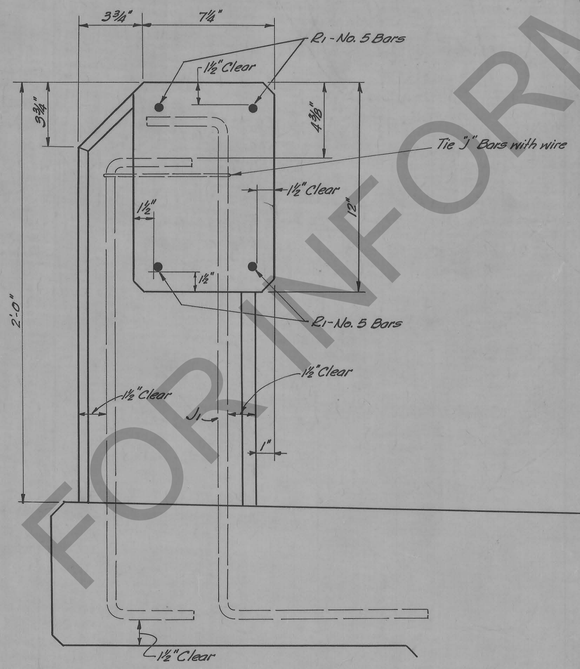
INTERMEDIATE SPAN



ELEVATION OF END POST
LEFT SIDE OF ROADWAY

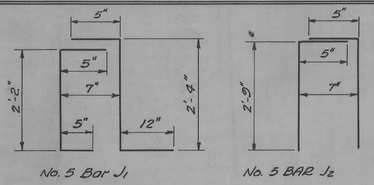


SECTION THRU RECESSED V
TO FORM INSCRIBED FIGURES



SECTION A~A

~ BENDING DIAGRAMS ~



No. 5 Bar J1 No. 5 BAR J2

Note: All Bar Dimensions are Out to out

~ GENERAL NOTES ~

CONCRETE: Class A Concrete, shall be used in Handrail.

PAYMENT: Handrail shall be paid for per linear foot, which shall include all concrete and Reinforcing Steel. Handrail shall be measured along the center line of Rail and End Posts with no deduction for open joints

MARKERS: Markers recording the Elevation shall be placed on top of the Wings of End Bents.
On bridges longer than 100 feet one marker shall be placed at each end of the bridge;
On bridges less than 100 feet long one marker shall be placed at one end of the bridge only.
Markers are to be furnished by the State Road Dept. and installed by Contractor.
The cost of installing the Markers shall be included in the Contract Unit Price for Concrete Handrail

CHAMFER: 3/4" chamfer all edges of Handrails and Posts.

STATE ROAD DEPARTMENT OF FLORIDA
BRIDGE DIVISION

CONCRETE HANDRAIL

REVISIONS		ROAD NO.	COUNTY		PROJECT NO.
DATES	DESCRIPTIONS				

	NAMES	DATES
DETAILED BY	R.G.W.	7-54
CHECKED BY	M.W.R.	7-54
QUANTITIES BY		
CHECKED BY		
TRACED BY	R.G.W	10-54

APPROVED BY
T. W. Jennings Jr.
Engineer of Bridge Design
Assistant State Highway Engineer

DRAWING NO. 1 of 1
INDEX NO. 3274

FOR INFORMATION ONLY

COGSWELL, JACKSONVILLE