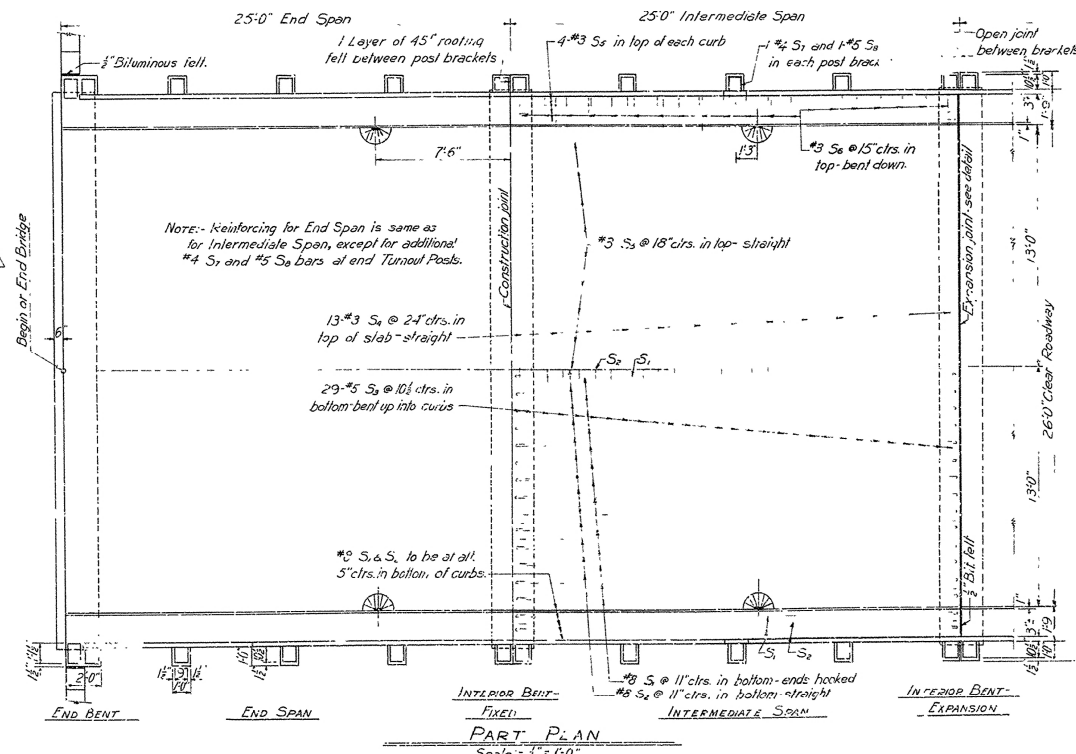
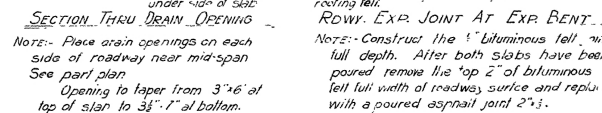
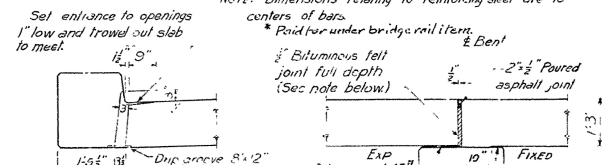


BAR LIST PER SPAN						
MARK	SIZE	No. END	PERMANENT INTER.	LENGTH	BENDING DIAGRAM	
S ₁	#9	32	32	24'-10"	28'-0"	28'-0"
S ₂	#8	33	33	24'-7 1/2"	28'-0"	28'-0"
S ₃	#5	29	29	32'-8"	24'-7 1/2"	24'-7 1/2"
S ₄	#9	13	13	28'-6 1/2"	24'-7 1/2"	24'-7 1/2"
S ₅	#9	25	25	24'-7 1/2"	28'-0"	28'-0"
S ₆	#8	40	40	4'-11"	28'-0"	28'-0"
S ₇	#8	12	10	6'-5"	3'-0"	3'-0"
S ₈	#5	12	10	11'-0"	24'-7 1/2"	24'-7 1/2"
FC	#5	24	20	9'-1"	24'-7 1/2"	24'-7 1/2"
PO ₁	#8	10	40	2'-8"	14'-2'-6"	14'-2'-6"
PO ₂	#8	8	—	3'-3"	14'-2'-6"	14'-2'-6"



GENERAL NOTES

All concrete to be Class "S". All exposed corners to be chamfered $\frac{3}{4}$ " unless otherwise noted.

Reinforcing steel to be deformed bars of intermediate grade, unless modified by Special Provisions. Shop lists and bending diagrams must be submitted and approval secured before fabrication is begun.

All reinforcing steel shall be accurate, located in the forms and firmly held in place by means of steel wire supports of sufficient size and number to prevent displacement during the course of construction, and to keep the steel at proper distance from the form. Wire supports will not be paid for directly, but will be considered subsidiary to the item of "Reinforcing Steel". Shop lists and diagrams must be submitted for approval.

Payment for roofing felt, bituminous felt, and poured asphalt joints to be included in the price bid for Class "S" Concrete.

The plate guard rail shall be of the type shown or an equivalent rigid type as approved by the Engineer. The plate guard rail, including all concrete posts, shall be paid for at the unit price bid per linear foot for Steel or Aluminum Plate Guard Bridge Railways.

Shop Paint: The steel plate guard rail shall be painted in accordance with Section of the Specifications before shipment.

Field Paint: 1st Coat, red lead undercoat with lamp black; 2nd Coat Aluminum paint (for steel plate guard only)

This drawing shows general features of design only. Shop drawings shall be made in accordance with the specifications and shall be submitted and approval secured before fabrication is begun.

SPECIFICATIONS: Arkansas State Highway Commission Standard Specifications for Highway Construction, Edition of 1959.

DESIGN LIVE LOAD-H-20 LOADING A.A.S.H.O. 1957

Load distribution to slab: Dead Load / 1.95 "w"

Live Load + 0.175 (Wheels/ft) with 30% Impact

UNIT SPECIES: Class "S" Concrete (n=10) 1200 "w"

Reinforcing Steel (unit grade) 20,000 "w"

DETAILS - STANDARD
25'-0" R.C. SLAB SPANS
26'-0" CLEAR ROADWAY 2 WALKS @ 1'-6"
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Drawn By: W.C.H. Date: 10-30-51
Traced By: J.E.H. Date: 4-17-52
Checked By: J.H.H. Date: 11-2-51
" H.R. " 4-29-52

Scale: $\frac{1}{2}$ in. = 1 ft.
EXCEPT AS NOTED

BRIDGE NO. 541