

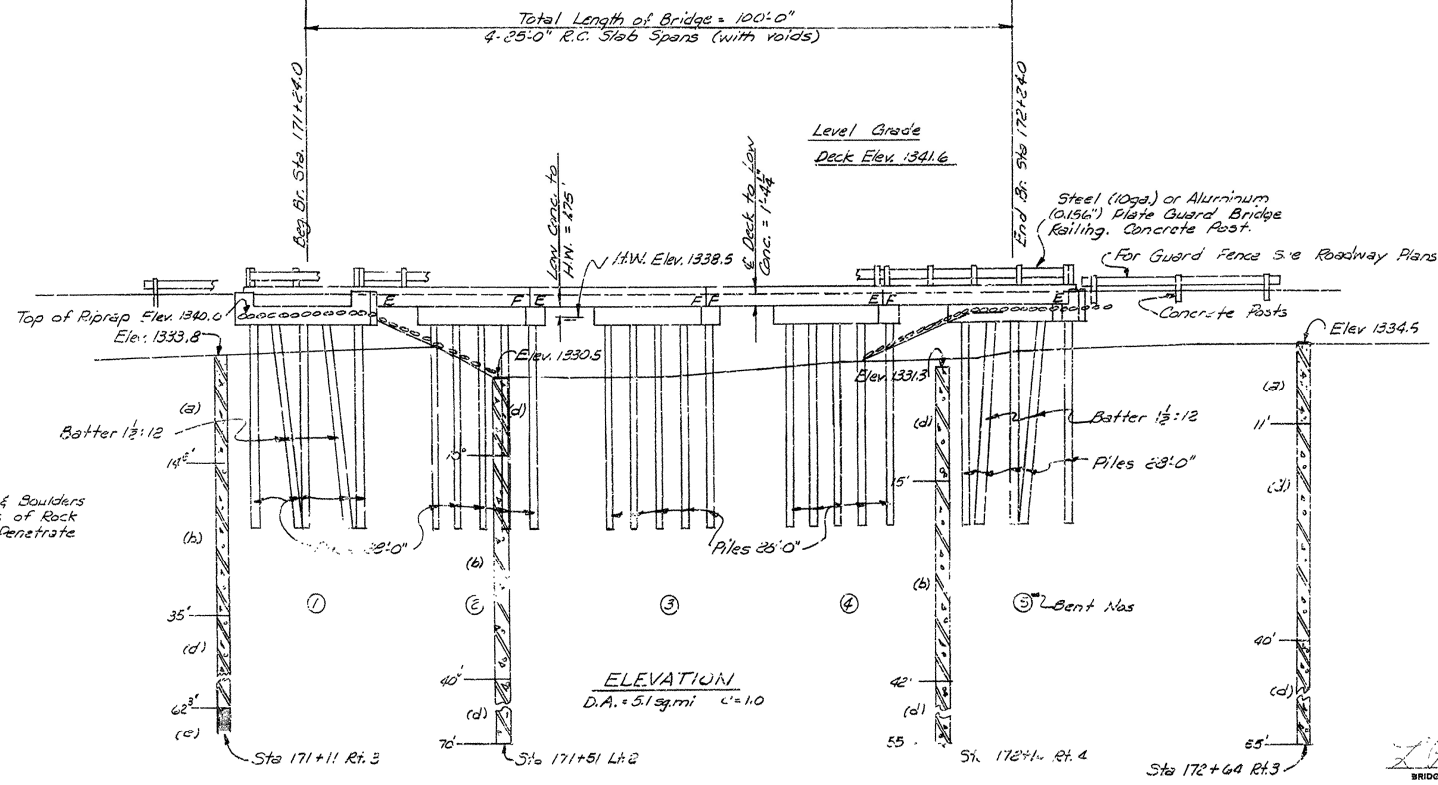
NOTE: No existing 31.5' Timber Bridge located July 175 upstream. See Section 1006 of Specifications.

PLAN

GENERAL NOTES  
Bench Mark - Wall in 18" Elm 18' Rt. Sta. 178+10. Elevation 1344.79.  
All piling shall be 12-EP-53 Steel wearing Piles driven with an approved air, steam or diesel hammer to a minimum bearing capacity of 36 tons per pile and into the material designated as Clay, Gravel, layers of Rock on the boring logs. Lengths of piling shown are for estimating quantities only. Order lengths shown; cut-off or build-up, if necessary, to be paid for in accordance with Section 804 of the Standard Specifications.  
Piles in End Bents shall be driven after embankment is in place.  
For Details of End Bents see Dwg. No. 5466R.  
For Details of Intermediate bents see Dwg. No. 5466R.  
For Details of Superstructure see Dwg. No. 5463G.

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

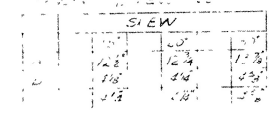
DESIGN SPECIFICATIONS:  
Live Loading: H-15  
Stresses: Class S Concrete (f<sub>c</sub>=10) 1,200 psi  
Reinforcing Steel 20,000 psi  
ASHO 1961



SOIL LEGEND  
(a) Firm Brown Sandy Clay, Gravel & Boulders  
(b) Comp. Clay, Gravel & Thin Layers of Rock  
(c) Rock or Large Boulders, Can't Penetrate  
(d) Firm Clay Gravel & Boulders  
(e) Rock

ELEVATION  
D.A. = 5.13gmi C = 1.10

LAYOUT OF BRIDGE OVER  
STANLEY BRANCH  
STANLEY BRANCH  
BRIDGES AND APPROACHES  
MADISON COUNTY  
ROUTE 12 SEC. 4  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
DRAWN BY: DEL DATE: 1-17-64  
TRACED BY: DATE: 2-3-64  
CHECKED BY: DATE: 2-3-64  
BRIDGE NO. 3870 DRAWING NO. 12750



6-6 Reinforcing  
 Top - 2 #4 @ 11" in top. Use 2 extra S's each way  
 Bottom - 5 #8 @ 3" in bottom. (Int Span)  
 End - 5 #8 @ 3" in bottom. (End Span)  
 3-5 #4 in top. (End Span)  
 5 #4 in top (Int Span)

GENERAL NOTES

DETAILS OF STANDARD  
25'-0" R.C. SLAB SPANS (WITH VOIDS)  
15° 20° 30° SKEW (RT. FWD)  
24'-0" CLEAR ROADWAY 1'-0" CURB

ROUTE                  SEC.  
KANSAS STATE HIGHWAY COMMISSION

KANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
DATE 10-27-61  
SCALE 1" = 40'

BY REV. DATE 11-5-62  
 GE NO 3870 DRAWING NO. 5463G

File 30 1 27 127503