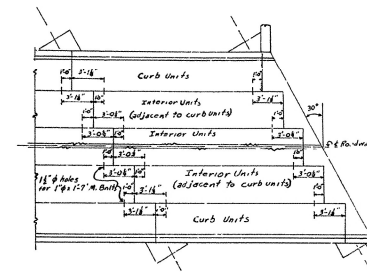
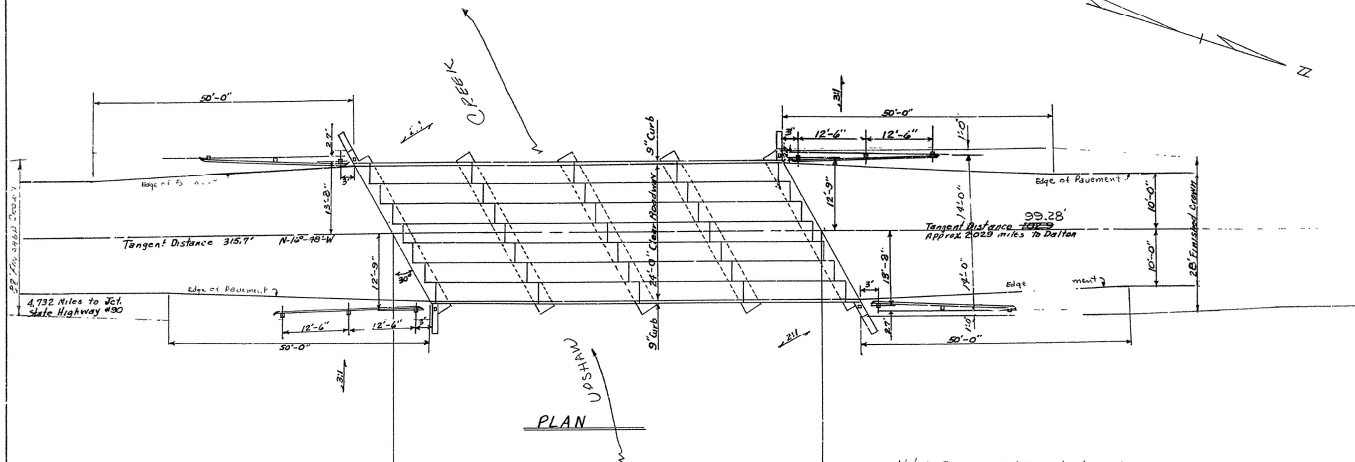


252

DATE	5-28-60	3	60
NO.	10633		

R/W DATA  
40' RT & 40' LT E Survey



30° SKEW  
DIAGRAM SHOWING LOCATION OF 0.5" BOLTS  
JOINING UNITS FOR SHEWED SPANS  
Scale: 1" = 1'-0"

Note: Remove 3' Concrete Low water  
Bridge, 16' Clear Roadway.  
At Sta. 248+75 Bent hand turnout  
place Bridge Name plate Type.

#### GENERAL NOTES

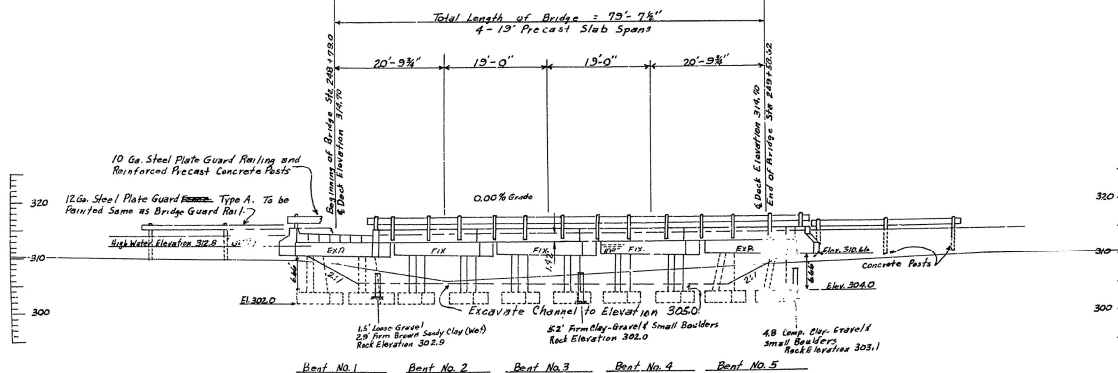
B.M. Nail in 18" Walnut 100' Lt. Sta. 248+75 Elev. 310.50  
For details of substructure see Drawgs Nos. E305A.  
For details of Superstructure see Drawg. No. E306

Loading: H 15 (A.A.S.H.O. 1957)

Unit Stresses:  
Class 3 Concrete (n=10) 1200 #/sq.  
Class A Concrete (n=8) 840 #/sq.  
Reinforcing Steel 28,000 #/sq.  
Cold Drawn Wire Mesh 30,000 #/sq.

Foundation Pressures:  
End Bent 4200 #/sq.  
Intermediate Bent 3500 #/sq.

Rock excavations shall be made to meet lines of concrete footing, same shall be excavated to avoid chipping of rock faces by excessive blasting. Concrete in footing shall be poured directly against face of rock.  
In general all construction joints in bents shall be horizontal and shall be provided with keys not less than 3" covering the middle third of both directions.



Bent No. 1 Bent No. 2 Bent No. 3 Bent No. 4 Bent No. 5

#### ELEVATION

Drainage Area = 3.67 sq. mi.  
C.O.D.

Note: In order not to disturb the founding  
of the bridge, the final line of footing and pier  
shall be done carefully by hand shovels to  
meet lines of footing, all pits to be kept dry.

LAYOUT OF BRIDGE OVER  
UPSHAW CREEK  
HIGHWAY 30 - DALTON  
RANDOLPH COUNTY  
ROUTE 93 SEC. 1

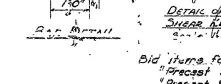
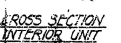
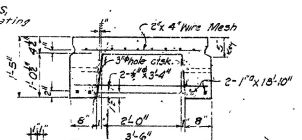
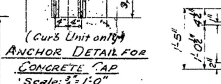
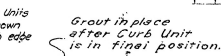
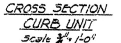
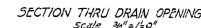
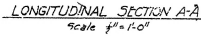
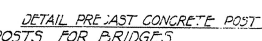
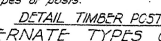
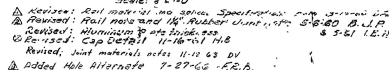
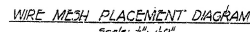
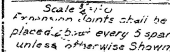
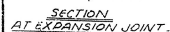
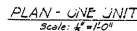
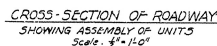
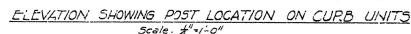
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

DRAWN BY: DATE: SCALE: 1" = 10' CH.  
TRACED BY: DATE:  
CHECKED BY: DATE:

BRIDGE DESIGN ENGINEER

BRIDGE NO. 3241

DRAWING NO. 9985



Bid items for Precast Slab Units are  
 "Precast Slab Curb Unit"  
 "Precast Slab Interior Unit"

All concrete to be Class "S". All exposed corners to be chamfered, unless noted. All other corners rounded to  $\frac{1}{4}$  radius.

Reinforcing dimensions are to  $\pm$  of bars.

All reinforcing steel shall be accurately located in the forms and held in place by means of wire supports. The wire supports will not be paid for directly, but will be considered subsidiary to the item of Reinforcing steel.

Wire mesh shall conform to the Specification for Welded Steel Wire Fabric for Concrete Reinforcement of the A.A.S.H.O. Specifications for Highway Materials, Designation M-35-37, (A.S.T.M. Designation A-185-37).

Machine bolts connecting rail posts to curb sections and special anchors, including the nut and the washer, or the item of "Steel or Aluminum Plate Guard Railings".

Paint heads and nuts with aluminum paint after assembly is complete.

Specification - Arkansas Highway Commission Standard Specifications for Highway Construction, Edition of 1952, 11.

Reinforcing steel shall be deformed bars. If a hard grade bar is specified, it will not be paid for directly, but will be considered subsidiary to the item of price per slab unit.

A deviation of more than  $\frac{1}{8}$  in dimension or line will be cause for rejection of the unit.

DETAILS OF STANDARD  
PRECAST SLAB BRIDGE  
19'-0" SPAN  
24'-0" CLEAR ROADWAY  
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

Traced By: \_\_\_\_\_ Date: \_\_\_\_\_  
Checked By: glt Date: 4-23-52  
BRIDGE NO. \_\_\_\_\_ DRAWING NO. 5306

19.