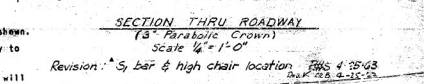
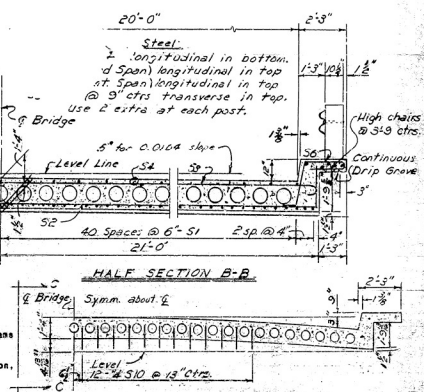
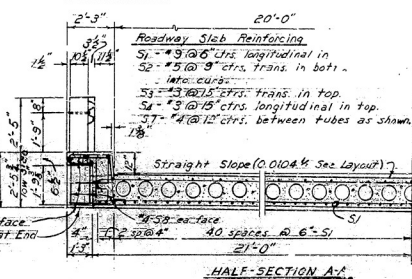
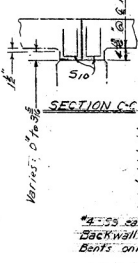
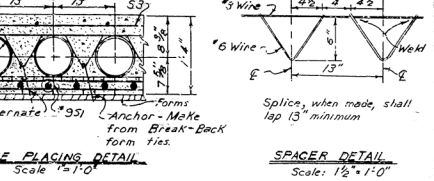
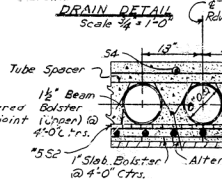


Dimensions are to ctrs of bars.  
Pay Items "3" Parabolic Cr. only



6

GENERAL NOTES

All concrete to be Class 2. All exposed corners to be chamfered 3/8" unless otherwise noted.

Reinforcing steel to be deformed bars of intermediate or hard grade. Shop lists and bending diagrams must be submitted and approval secured before fabrication is begun.

All cylindrical tubes used for void forms shall be of substance protected; laminated-type construction, steel-encased (~~200# sandbar~~) reinforced; complete with end closures; ~~and end closures.~~

All reinforcing steel and fiber tubes shall be accurately located in the forms and firmly held in place by means of steel wire supports and spacers for tubes of a sufficient number and size to prevent displacement during the course of construction, but in no case of lesser design than that shown. Wire supports for reinforcing bars will not be paid for directly, but will be considered subsidiary to the item "Reinforcing Steel".

Ties for forming and supporting the forms and spacers for tubes will not be paid for directly, but will be considered subsidiary to the item "Class 2 Concrete".

Shop lists and diagrams of wire supports and spacers for tubes shall be submitted for approval before fabrication is begun.

Jointing felt, bituminous felt, and poured asphalt joints shall be as per Class 5 Concrete.

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

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

DESIGNER SPECIFICATIONS:

AASHO 1061

Design Live Loading: HS-20-S16 Special Interpolate Loadings of two 20,000 lbs. axles 14' on centers.

Design Distribution to Slabs: Dead Load - HS-20 Live Load - 0.65 wheelload of single axle plus impact.

Slab Stressing: Class 2 Concrete (w/10) 1,700 psi

Reinforcing Steel 20,000 psi

Estimated Deleted portion on lot of Steel 20,000 psi

REMARKS: See Notes

DATE: 10/1/59

BY: [Signature]

CHECKED: [Signature]

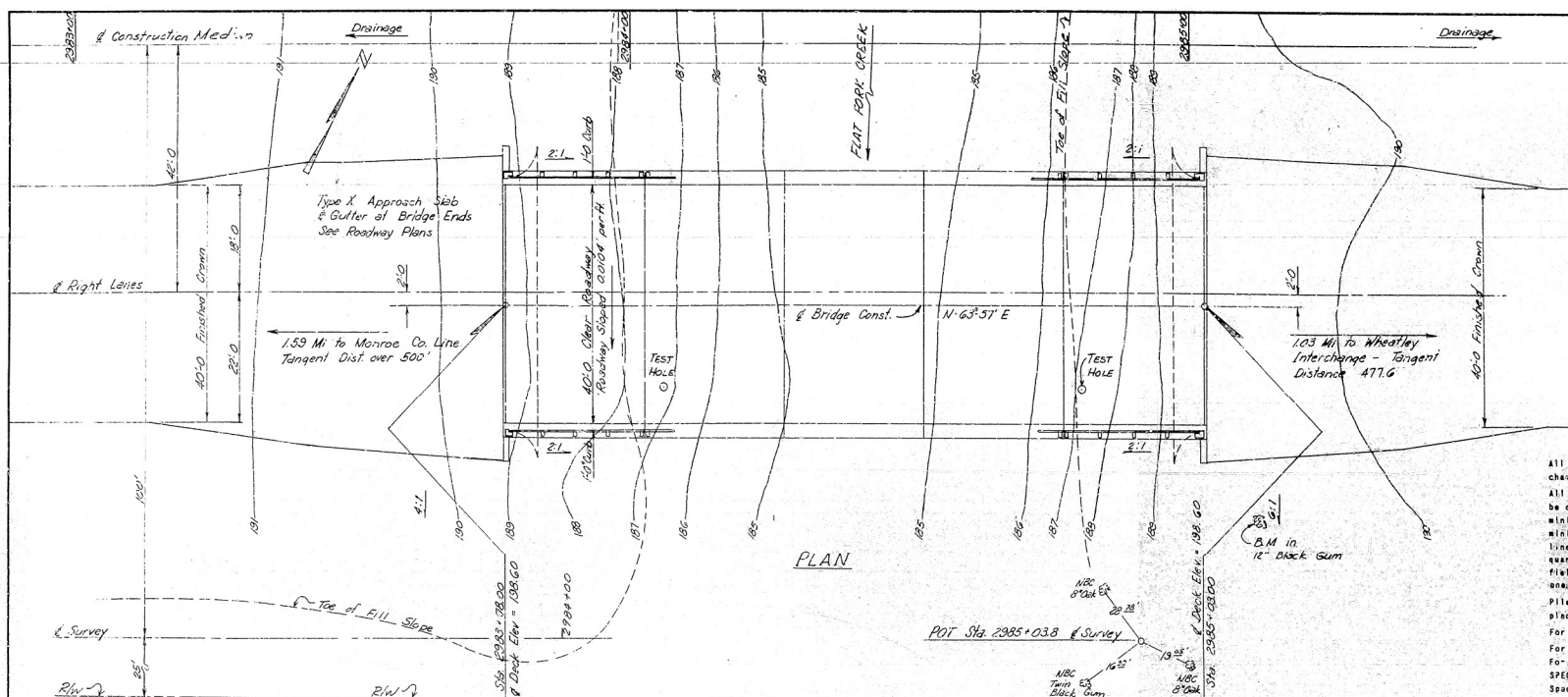
APPROVED: [Signature]

DETAILS OF STANDARD  
25'-0" R.C. SLAB SPANS (WITH VOIDS)

40'-0" CLEAR ROADWAY 2 CURBS at 1'-0"  
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.

DRAWN BY: WAS DATE: 4-24-58  
CHECKED BY: WAS DATE: 4-24-58  
BRIDGE NO. 5432C2



## GENERAL NOTES

All concrete to be poured in the dry. Exposed corners to be chamfered 3/4" unless otherwise noted.

All piling shall be 16" octagonal precast concrete and shall be driven with an approved air, steam or diesel hammer to a minimum bearing capacity of 30 tons per pile, and to a minimum penetration of 20 feet below the original ground line. Lengths of piling shown are assumed for estimating quantities only. Actual lengths to be determined in the field. Drive one 40" test pile in Bent No. 2, 3rd 37604, and one 60" test pile in Bent No. 5, Bridge No. 37608.

Piles in End Bents shall be driven after embankment is in place.

For Details of Bents see Drawing No. 5431A.  
For Details of R.C. Slab Spans see Drawing No. 5432-C2.

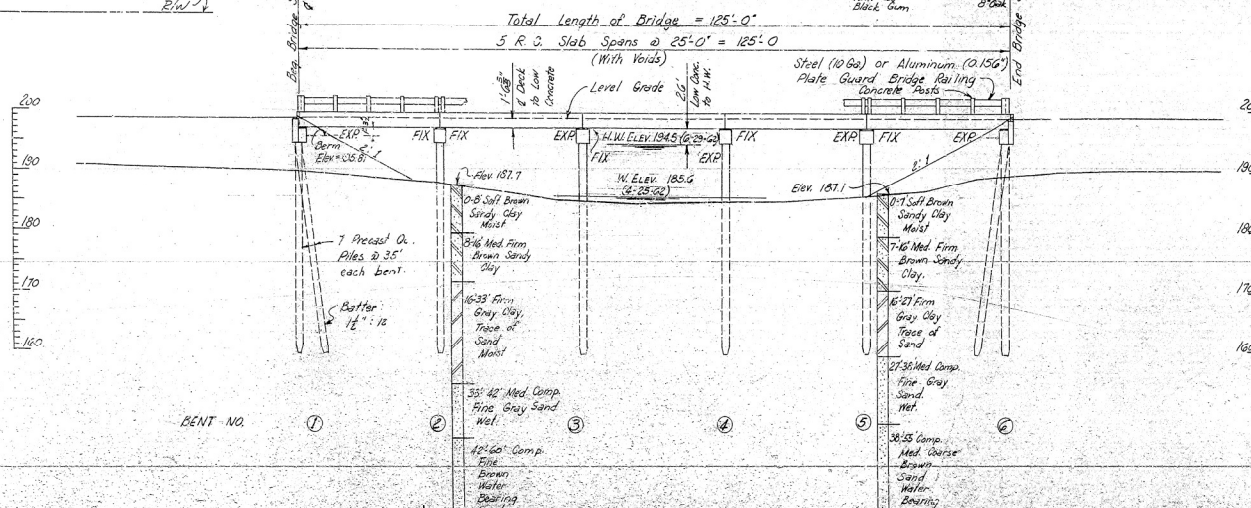
For Details of Concrete Piling see Dwg. No. 2382.  
SPECIFICATIONS: Arkansas State Highway Commission Standard  
Specifications for Highway Construction, Edition of 1959, and  
designated Special Provisions.

DESIGN SPECIFICATIONS:

AASHO 1961

Live Loading: H20-S16 and Special Interstate Loading of 2  
24,000# axles spaced 4'0" on center.

Unit Stresses: Class S Concrete ( $n=10$ ) 1,200 psi  
Reinforcing Steel 20,000 psi



RIGHT LANES  
LAYOUT OF  
BRIDGE OVER FLAT FORK CREEK  
MONROE CO LINE - GOODWIN  
ST. FRANCIS COUNTY  
INT. ROUTE 40 - SEC. 5

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: RHS DATE: 6-27-62

2

TRACED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

SCALE: 1" = 10'

CHECKED BY K.T. DATE 3-27-63

3

BRIDGE NO. 3766B

DRAWING NO. 12355