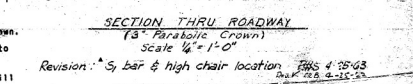
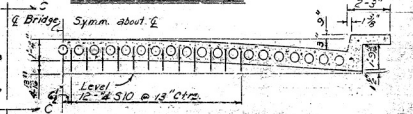
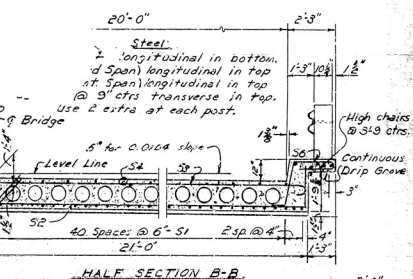
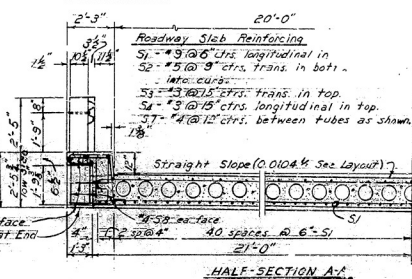
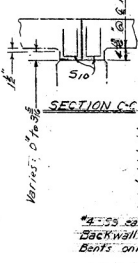
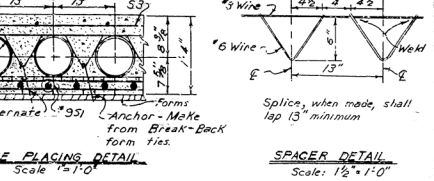
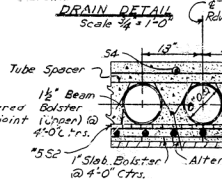


Dimensions are to ctrs of bars.
Pay Items "3" Parabolic Cr. only



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.

11. All cylindrical tubes used for void forms shall be of ~~substantially~~ minimum type construction, ~~anti-rust-treated~~ galvanized and ~~be furnished complete with a rust-inhibiting compound~~ be furnished complete with a rust-inhibiting compound.

12. 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".

13. ~~Plans for forming and bracing of 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.

14. ~~Working felt, bituminous felt, and poured asphalt joints shall be required as per Class 5 Concrete.~~

15. ~~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 Construction, Edition of 1959.

DESIGNER SPECIFICATIONS: ASHBO 1061

Design Line Loading: ~~H20-S16 Special Interim Loading of two 20,000 lbs. axles 14' on center.~~

Design Classification to ~~Highway Load - HS20~~ Highway Load - 0.65 wheel/fatigue class 20S Impact

Steel Structures: ~~Class 3 Concrete (w/10)~~ 1,200 psi

Reinforcing Steel: ~~20,000 psi~~ 40,000 psi

~~Estimated: Detailed labor portion on basis of \$160 per 100 sq. ft. for concrete, 100 sq. ft. for steel, 100 sq. ft. for formwork, 100 sq. ft. for reinforcement, 100 sq. ft. for miscellaneous.~~

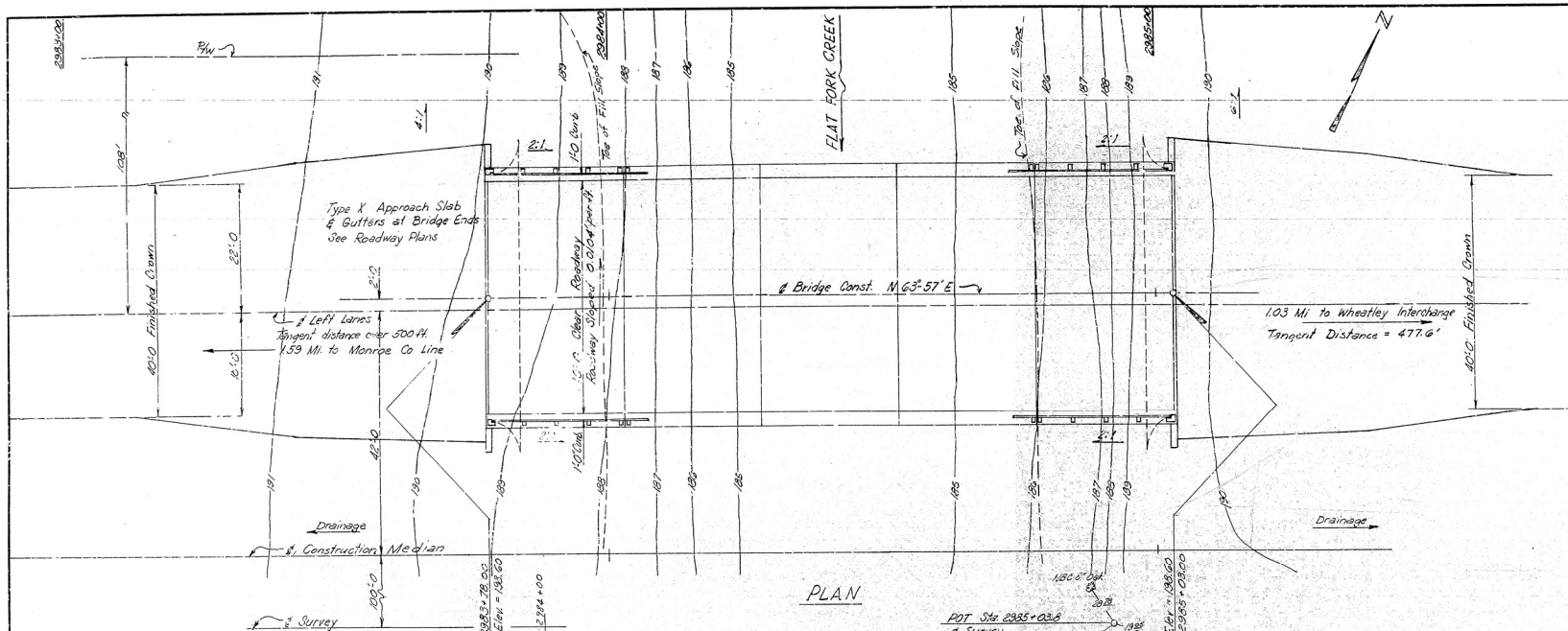
DETAILS OF STANDARD
25'-0" R.C. SLAB SPANS (WITH VOIDS)

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

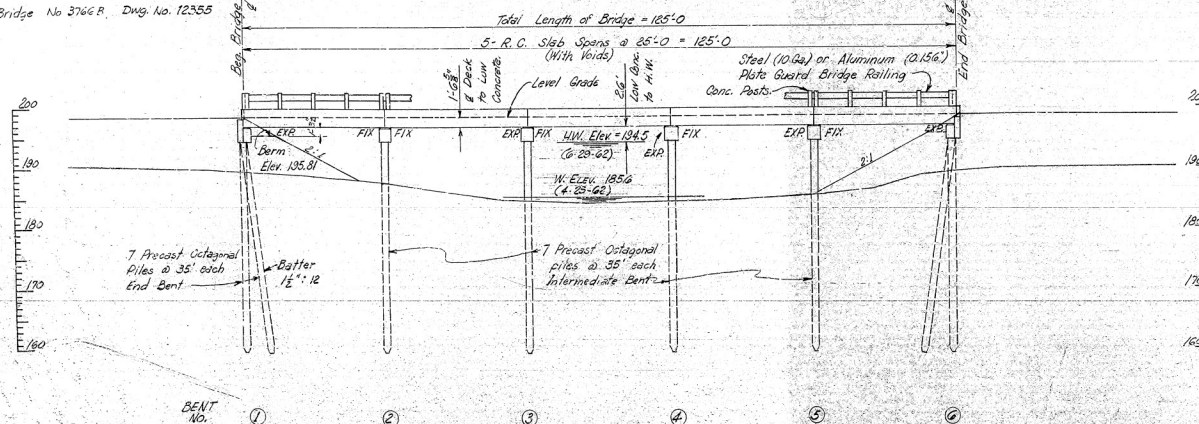
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

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

12.4



Note: For soundings see Layout Bridge No 3766 B. Dwg. No. 12355



For General Notes See Layout Br. No. 37663,
Dwg. No. 12355.

LEFT 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 R.S. DATE 6-27-62
 TRACED BY _____ DATE _____ SCALE 1" = 10'
 CHECKED BY K.T. DATE 3-27-63
 BRIDGE NO. 3766A DRAWING NO. 1235A

B.M. Nail in Root of 30" White Oak
1 Lt. Sta. 2982+50 of Survey Elev. 192.07

ELEVATION
D.A. = 50 M.
C = 03

B.M. N.I.S. 12" Black Gum
20' Lt. Sk. 2385+25 & Survey
Elev. 19.59 (see Dwg. 1235)