

DETAIL PIER NO. 1 & 6
AND
DETAILS OF END BENTS NO. 1 & 2
BRIDGE OVER SYLAMORE CREEK
MOUNTAIN VIEW-CALICO ROCK ROAD
STONE COUNTY
ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Drawn By: WCH Date: 8-1-37
Traced By: CHL Date: 8-2-37
Checked By: _____ Date: _____
BRIDGE NO. 999

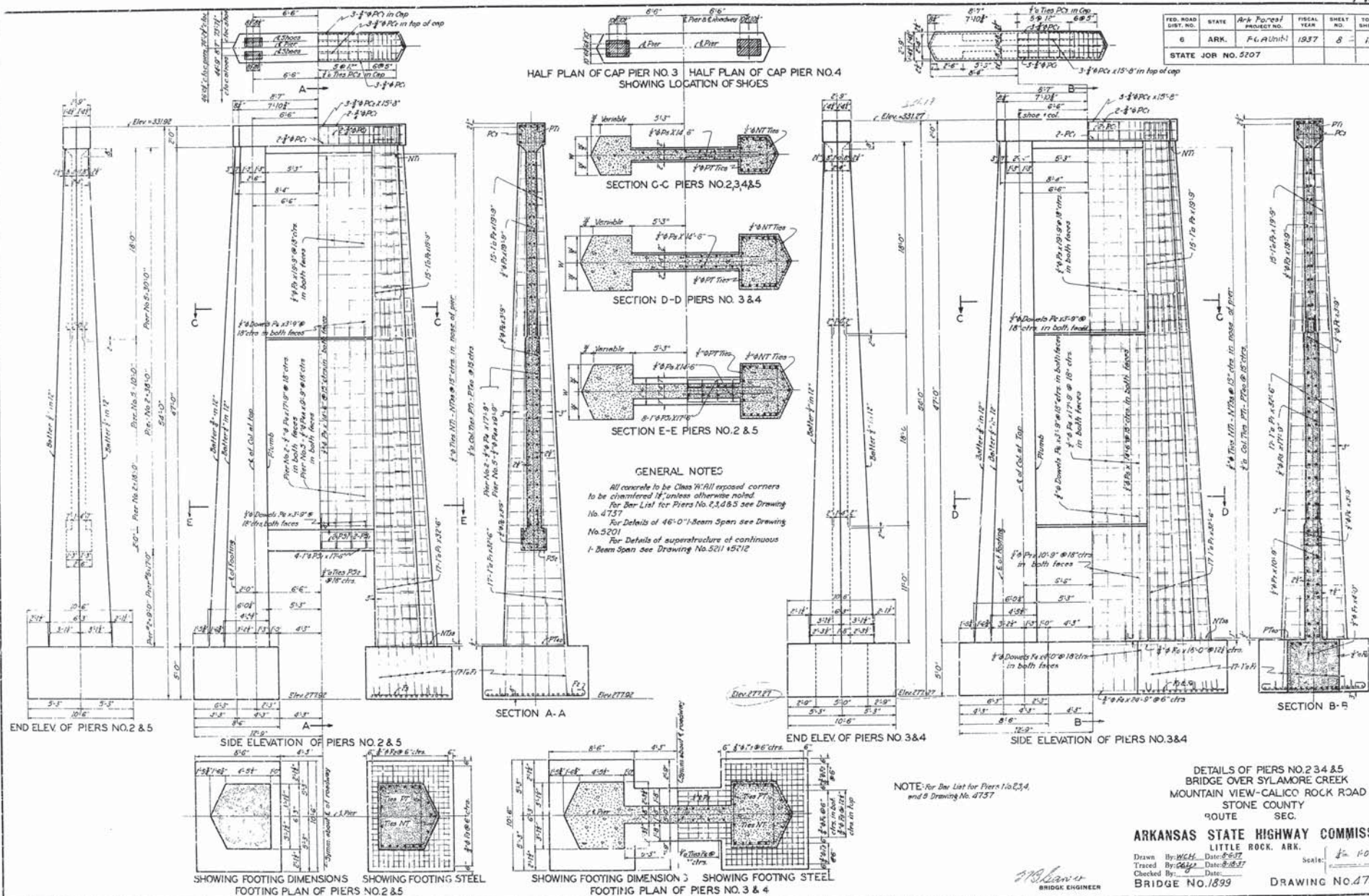
Scale: 1" = 10' N. except as noted

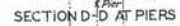
DRAWING NO. 4737

NOTE: For details of Standard 46" O.D. Beam Span, see Drawing No. 5201

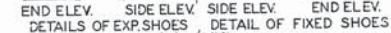
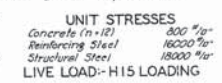
| FED. ROAD DIST. NO. | STATE | Ark. Forest PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------------------|-------------|-----------|--------------|
| 6 | ARK. | FLA Unit | 1937 | 8 | 10 |
| STATE JOB NO. 5207 | | | | | |

HALF PLAN OF CAP PIER NO. 3 HALF PLAN OF CAP PIER NO. 4
SHOWING LOCATION OF SHOES





NOTE: Dimensions relating to reinforcing steel are to centers of bars.



GENERAL NOTES

All concrete to be Class 3/All exposed corners to have 2" chamfers unless otherwise noted.
Rivets if 4" Open holes if 4" Machine or turned bolts to be used where indicated.
Cross beams and Shop Steel connections are to be sub-punched 1/4" and reamed to a metal template.
Ends of all stiffen angles shall be ground to bear against beam flanges.
All longitudinal beams are to be embedded in accordance with the plans.
Reinforcing steel to be deformed bars of structural or intermediate grade. Shop lists and bending diagrams must be submitted and approved in accordance with the specifications. Began.
Structural shapes of equal or greater strength may be substituted for shapes shown, but payment will be based on weight of shapes shown or actually used whichever is the lesser.
This drawing shows general features of design only. Shop drawings for structural steel shall be made in accordance with specifications and shall be submitted and approved before fabrication is begun.
In shipment all beams are to be supported at points approximately one sixth of the length of the beams from each end. Both points of support are to be on the same car.
Field Point: First coat, white lead tinted with lamp black. Second coat, aluminum paint.
Shop Paint: All structural steel shall be given one coat of red lead and red lined oil before shipment.
All masonry plates shall be finally coated on 3 layers of burlap saturated with red lead. This work and material to be included in the unit price bid for "Structural Steel in Beam Spans. All shoes to be cast steel unless otherwise noted. Fixed masonry plates and masonry plate of expansion shoes to be structural steel.
Specifications Arkansas State Highway Commission
Standard Specifications for Road and Bridge Construction
adopted June 30, 1935.



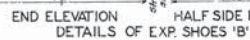
DETAIL OF STANDARD
46'-0" BEAM SPAN
CONCRETE DECK - 20'-0" CLEAR ROADWAY
TWO GIRDER TYPE
ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
Drawn by: WCH Date: 6-2-57
Traced by: CBK Date: 6-2-57
Checked by: _____ Date: _____
BRIDGE No. 1839
Scale: 1" = 10' - 0"
except as noted
DRAWING No. 5201



Transverse Slab Steel
 S1 - 2' @ 10' cts in bottom, bent up into curbs
 S2 - 2' @ 10' cts in lap, ends hooked
 S3 - 2' @ 10' cts in bottom bent up over beams
 Longitudinal Slab Steel
 S4 - 2' @ Spaced as shown



Details not shown same as Sec. A1 or B1



Scale: 25.000



of expansion 3
 $\alpha_{\text{eff}} = 2.5 \times 10^{-5}$



Scale: $\frac{1}{4}'' = 1'-0''$

NOTE: Dimensions relating to reinforcing steel are to centers of bars



Beams to be cambered at shop. Splices to be made normal to beams. If bridge is on a vertical curve the cambers shown above are to be increased or decreased to take care of the camber due to the vertical curve.

NOTE: In shipment all 36" beams are to be supported at points approximately one sixth of the lengths of the beams from each end. Both points of support are to be on same car.

NOTE: For remainder of this Standard see
Sheet No./Drawing No.

Environ Biol Fish (2015) 98:1217–1229

Environ Biol Fish (2015) 98:1217–1229

H. B. Lawler
BRIDGE ENGINEER

SHEET NO. 2 OF 2
DETAILS OF STANDARD
73'-7 $\frac{1}{2}$ "-92'-0"=73'-7 $\frac{1}{2}$ " CONTINUOUS 1-BEAM SPAN
CONCRETE DECK, 20'-0" CLEAR ROADWAY
TWO GIRDER TYPE
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Drawn By: WCH Date: 7-31-87 Scale: 1/2" = 1'-0"
Traced By: CH2 Date: 8-1-87 as noted

Checked By: Date:
 BRIDGE NO. DRAWING NO. 5212

BRIDGE NO. 77 DRAWING NO. 1010