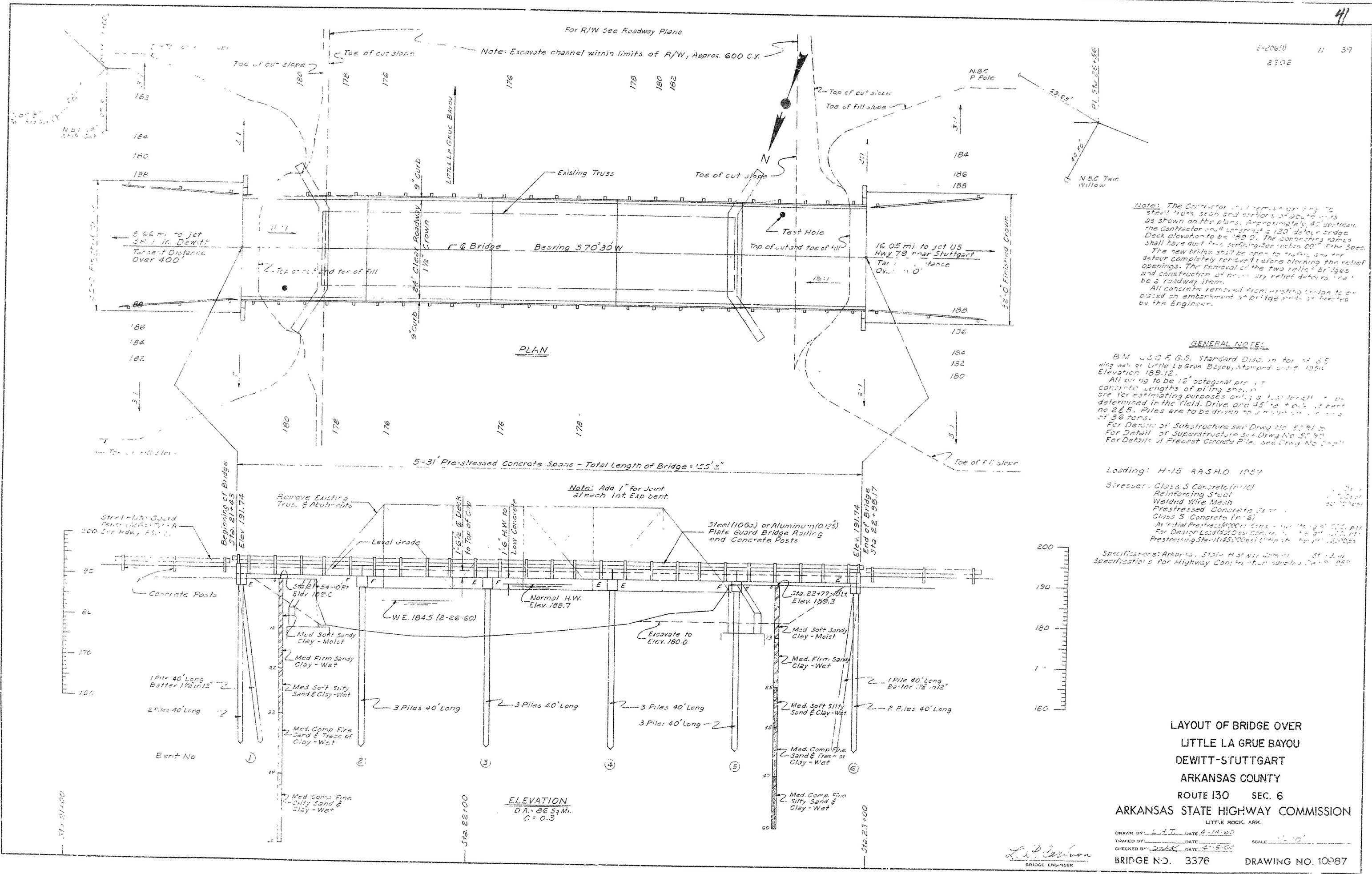




Note: The Contractor shall remove existing steel truss span and portions of abutments as shown on the plans. Approximately 45' upstream the Contractor shall construct a 120' detour bridge. Deck elevation to be 189.0'. The connecting ramps shall have dust free surfacing. See Section 607 of the Specs. The new bridge shall be open to traffic and the detour completely removed before blocking the relief openings. The removal of the two relief bridges and construction of new dry relief ditches shall be a roadway item. All concrete removed from existing bridge to be placed on embankment at bridge end, as directed by the Engineer.

GENERAL NOTES

BM USCG & G.S. Standard Disc. in top of 35' wing wall, or Little La Grue Bayou, stamped L-1-F 18512 Elevation 189.12.
All piling to be 16" octagonal pile. Concrete lengths of piling shown are for estimating purposes only; a full length to be determined in the field. Drive one 45' pile + one 15' pile no 265. Piles are to be driven to a minimum penetration of 36' tons.
For Details of Substructure see Draw No. 50985
For Details of Superstructure see Draw No. 50986
For Details of Precast Concrete Pile, see Draw No. 50987

Loading: H-15 AASHTO 1957

Stresses: Class S Concrete (in 10)
Reinforcing Steel
Welded Wire Mesh
Prestressed Concrete (in 6)
Class S Concrete (in 6)
At Initial Prestress (4000 psi) - 100% of 50,000 psi
For Design Load (20,000 psi) - 100% of 50,000 psi
Prestressing Steel (145,000 psi) - 100% of 50,000 psi

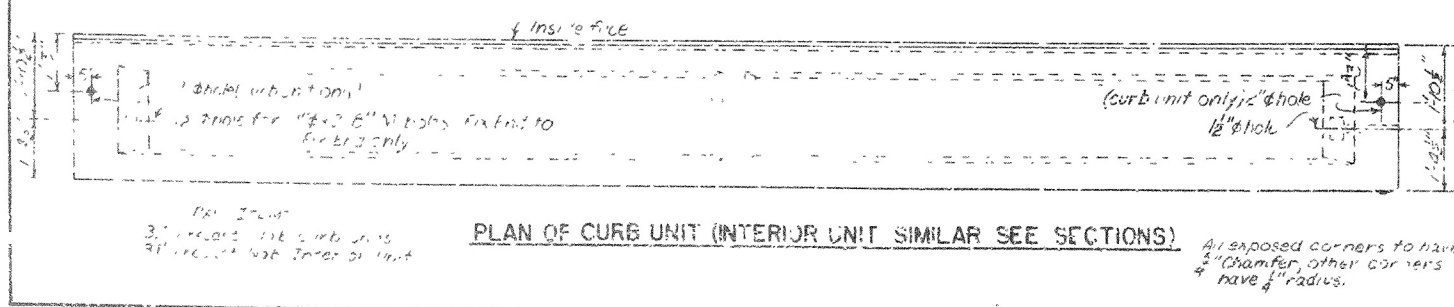
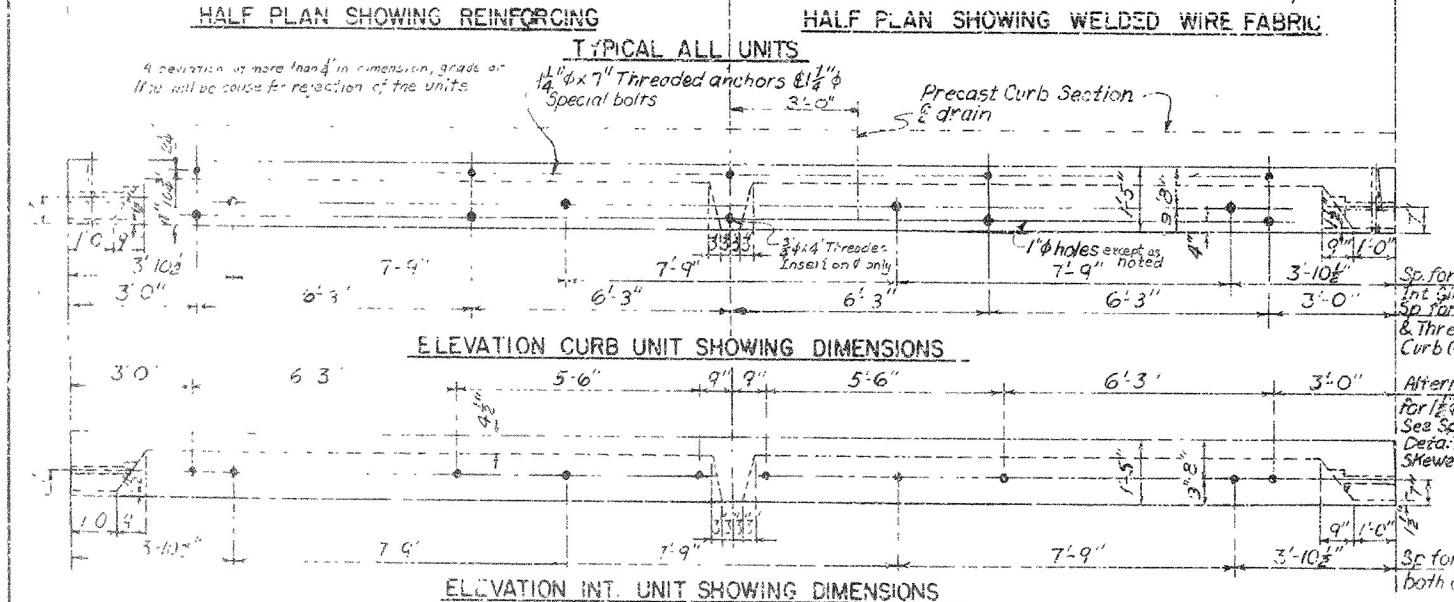
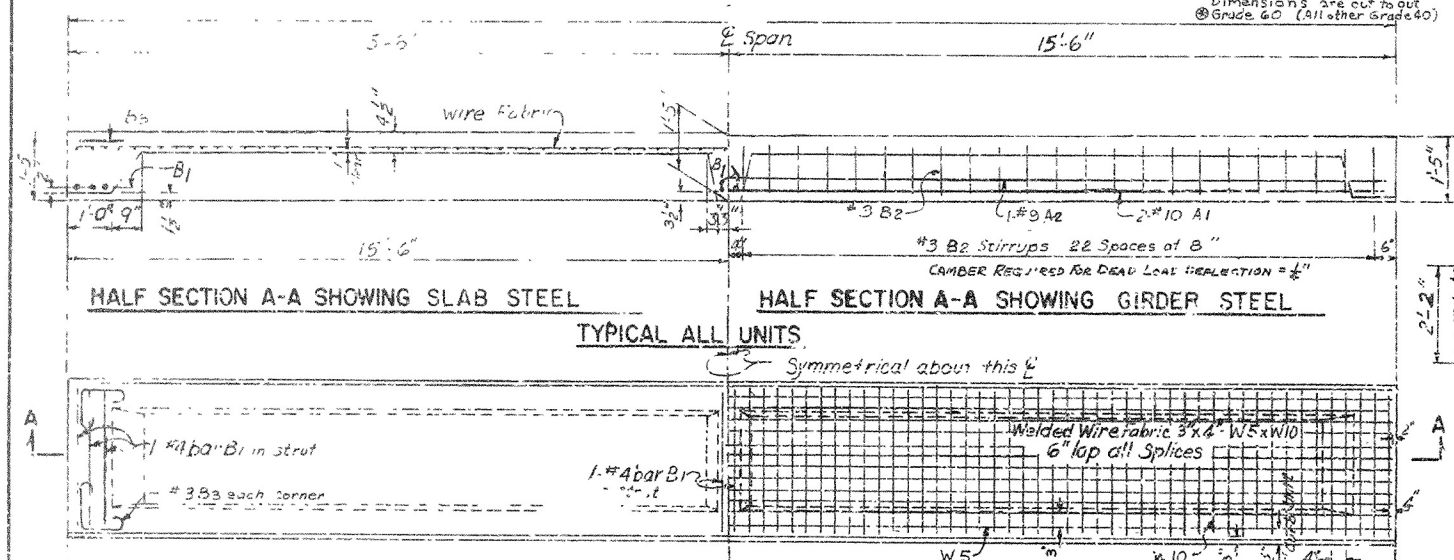
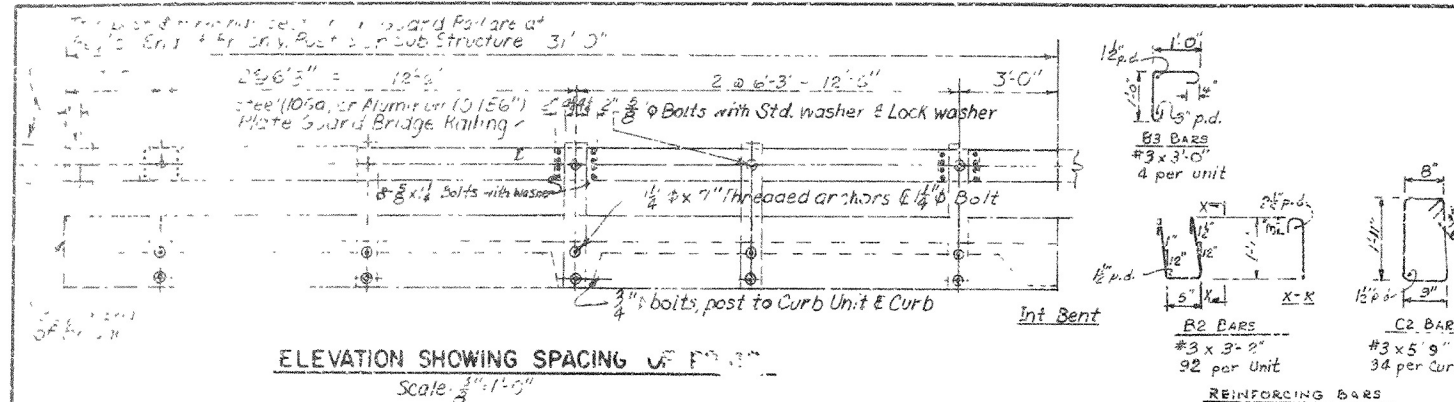
Specifications: Arkansas State Highway Commission
Specifications for Highway Construction adopted Dec. 9, 1960

LAYOUT OF BRIDGE OVER
LITTLE LA GRUE BAYOU
DEWITT-STUTTGART
ARKANSAS COUNTY
ROUTE 130 SEC. 6

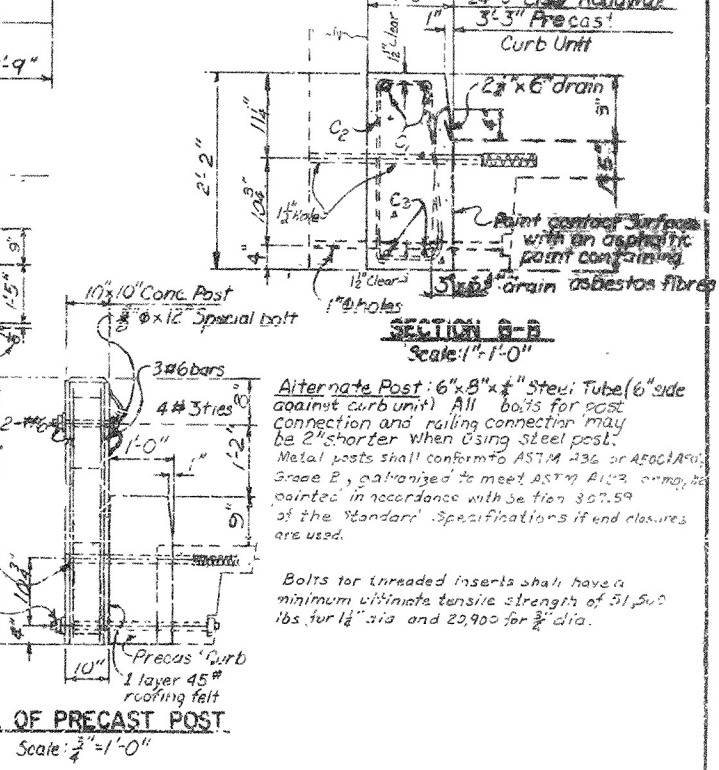
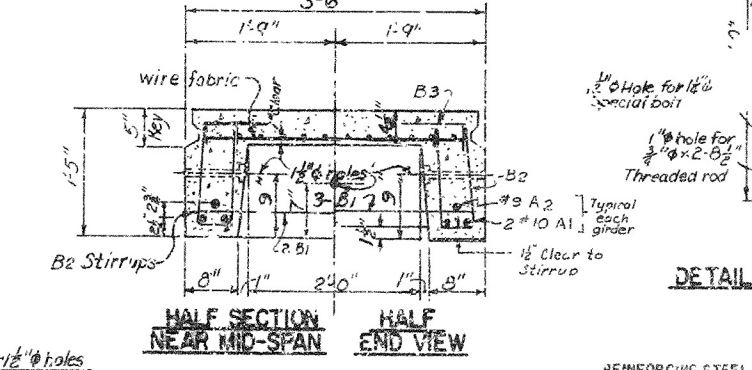
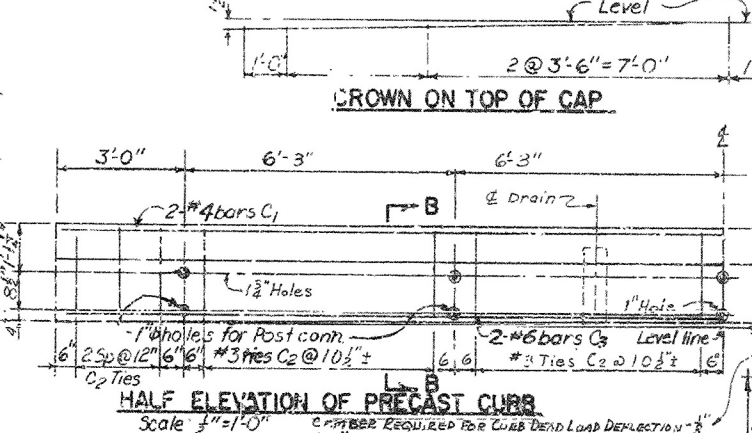
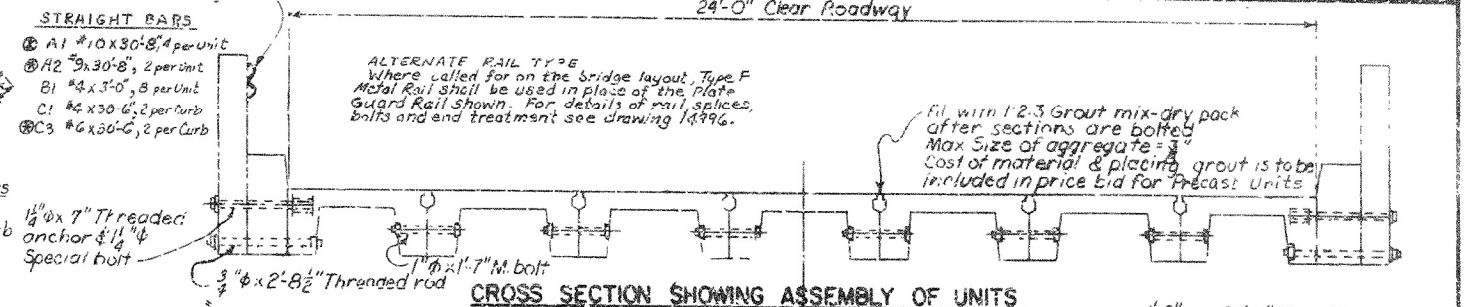
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: L.T.T. DATE: 4-14-60
TRACED BY: DATE: 4-15-60
CHECKED BY: DATE: 4-15-60
BRIDGE NO. 3376 DRAWING NO. 10987

DATE ISSUED	DATE FILED	DATE RECEIVED	DATE FILED	FBI. FILED AND	NOTE	FBI. REG. FILED	FISCAL YEAR	EXHIBIT NO.	VERIFICATION
6-4-75	75-255-175								
11-7-75	75-255-175				\$	ARK.			
12-9-75	75-255-175								
					JOE REG.				



The rail including concrete posts, all bolts and fastenings shall be paid for at the unit price bid per linear foot for "Steel or Aluminum Plate Guard Bridge Railing."

[illegible]

GENERAL NOTES

SHALL BE ASTM A615, GRADE 40 OR 60 AS NOTED. WIRE FABRIC SHALL BE ASTM A615-72. AND WIRE FABRIC SHALL BE ACCURATELY LOCATED IN THE FORMS AND SECURELY HELD IN THE SUPPORTS. STANDARD WASHERS TO BE PROVIDED UNDER HEAD AND NUT OF ALL BOLTS WITH CONCRETE. PAINT HEADS AND NUTS WITH ALUMINUM PAINT AFTER ASSEMBLY IS FINISHED. STEEL, WIRE FABRIC, AND SUPPORTS, ECLTS, THREADED ANCHORS AND OTHER REQUIRED SUBSIDIARY TO "PRECAST SLAB UNIT"

CAST UNITS, PRECAST PAWL POSTS AND PRECAST CURBS SHALL BE CLASS 5 WITH A TENSILE STRENGTH OF 3500 PSI AT 28 DAYS. PRECAST CURB AND CURB UNITS ARE TO BE INCLUDED IN "PRECAST SLAB CURB UNIT"

DESIGN: AASHTO 1973 WITH 1974 INTERIM SPECIFICATIONS
LOAD FACTOR

1.0 WHEEL PER UNIT

DAY COMPRESSIVE STRENGTH OF CONCRETE = 3500 PSI
TENSILE STRENGTH OF GRADE 40 REINFORCING = 40,000 PSI
TENSILE STRENGTH OF GRADE 60 REINFORCING = 60,000 PSI
TENSILE STRENGTH OF WIRE FABRIC = 45,000 PSI

DETAILS OF STANDARD
31'0" PRECAST CONCRETE SPANS
24' CLEAR ROADWAY
ROLL-ON SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
DRAWN BY J.M. BY J.P.
REVISED BY J.P. DATE 12-2-78 SCALE 1" = 1'-0" or as noted
CHECKED BY J.P. DATE 2-2-78
BRIDGE NO. DRAWING NO. 5292 REV.

