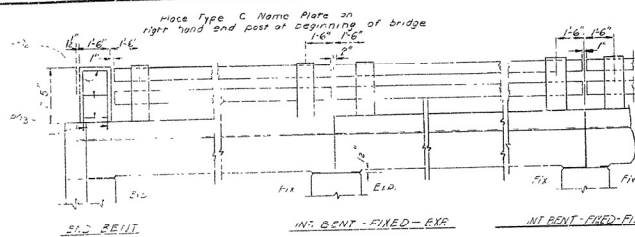
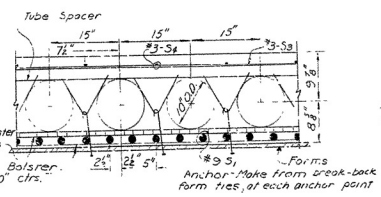


PROJ. NO.	DATE	PROJ. NO.	DATE	SHEET NO.	TOTAL SHEETS
6	ARK.				
JOB NO.					

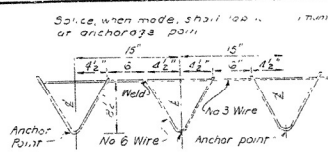
Varies from 0 to 200 edge to edge



PART SIDE ELEVATION
No Scale



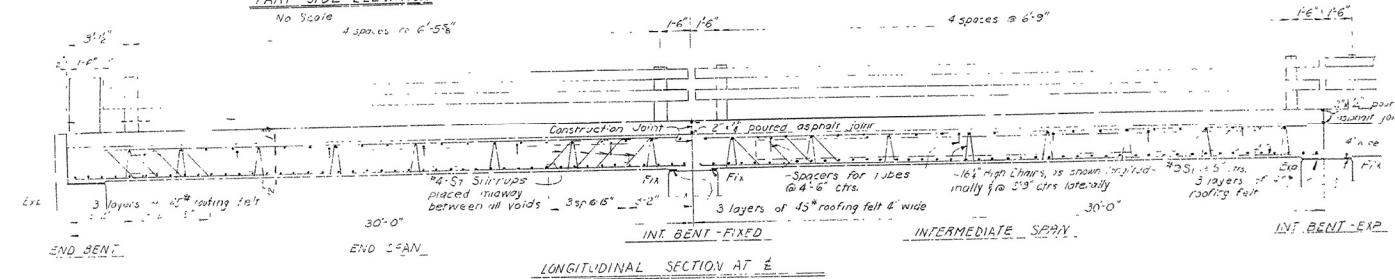
TUBE PLACING DETAIL
No Scale



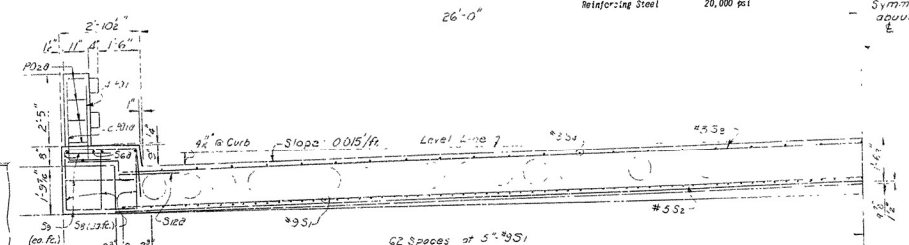
SPACER DETAIL
No Scale

JOINT DETAIL (TYP)

GENERAL NOTES:
All concrete to be Class S. All exposed corners to be reinforced 3/4" unless otherwise noted.
Reinforcing steel to be deformed bars of intermediate or hard grade. Shop lists and bending diagrams must be submitted and approved before fabrication is begun.
All cylindrical tubes used to form voids shall be moisture protected, tar-lined type construction, minimum thickness: 0.025 for 10" tubes and 0.175" for 6" tubes, and shall be furnished complete with end closures.
All reinforcing and 1" or tubes shall be accurately located in the forms and firmly held in place by means of steel wire supports and spacers for tubes will not be sold for directly and will be considered subsidiary to the item of Class S Concrete, but in no case of lesser design than that shown.
Wire supports for reinforcing bars will not be sold for directly but will be considered subsidiary to the item of Reinforcing Steel.
Tubes for forming voids and wire supports and spacers for tubes will not be sold for directly and will be considered subsidiary to the item of Class S Concrete.
Shop lists and diagrams of wire supports and spacers for tubes shall be submitted for approval before fabrication is begun.
Roofing felt, bituminous felt and poured asphalt joints shall be measured and paid for as Class S Concrete.
For details of Bridge railing see Drug. No. 14989 or 14992 as shown on Bridge layout.
SPECIFICATIONS: Arkansas State Highway Commission Standard Specifications for Highway Construction, edition of 1959, and 1960 Supplemental Specifications.
DESIGN SPECIFICATIONS: ASHRAE 1961
Design Live Load: HS20 and Special Interstate Loading of two 24,000 lbs axles 4' apart.
Load Distribution to Slab: Dead Load - 182 psf Live Load - 0.174 wheel/s/ft width plus 30% impact.
Unit Stresses: Class S Concrete (in-10) 2,200 psi Reinforcing Steel 20,000 psi



LONGITUDINAL SECTION AT E



TYPICAL SECTION
12' = 1'-0"

1'-0"

BAR LIST - PER SPAN

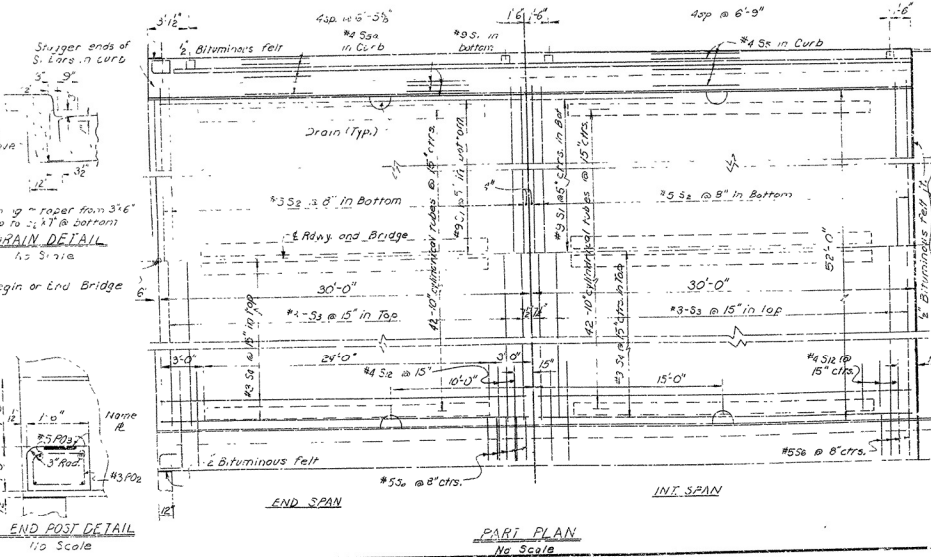
NO.	SIZE	No. Bar/Spn	Length	Bar Dia.
S1	9	131	23'-7"	5/8"
S2	5	45	53'-0"	3/4"
S3	3	24	54'-7"	2"
S4	3	41	29'-7"	5/8"
S6a	4	8	30'-7"	5/8"
S6b	4	8	29'-7"	5/8"
S5	5	90	53'-0"	3/4"
S6c	4	8	29'-7"	5/8"
S6d	4	12	25'-0"	5/8"
S6e	4	12	25'-0"	5/8"
S6f	4	12	25'-0"	5/8"
S7	4	320	320'	5/8"
S8	4	12	25'-0"	5/8"
S9	4	12	25'-0"	5/8"
S10	4	12	25'-0"	5/8"
P01	6	60	35'-11"	8"
P02a	3	40	35'-11"	8"
P02b	3	4	4'-11"	8"
P03	5	4	6'-6"	1 1/2"

Bending Diagram

1/4" = 1'-0"

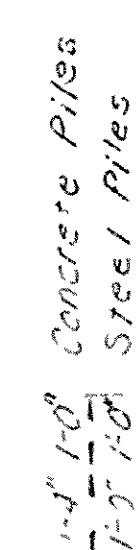
Dimensions are to cns. of bars

**DETAILS OF STANDARD
30'-0" R. C. SLAB SPANS
TYPE B RAIL
52'-0" CLEAR ROADWAY, 2 CURBS(1'-6")
ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION**
LITTLE ROCK, ARK.
DRAWN BY: NIM DATE: 7 SEPT 66
TRACED BY: DATE: 3-8-66
CHECKED BY: FANH DATE: 3-8-66
BRIDGE NO. DRAWING NO. 15100

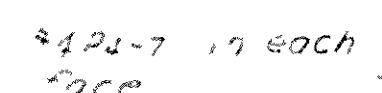


PART PLAN
No Scale

END POST DETAIL
No Scale



Sym. about \mathbb{E}



Sym about £ -

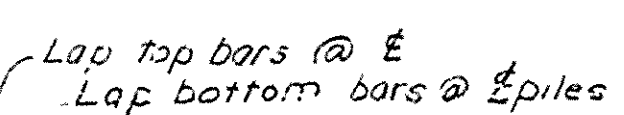
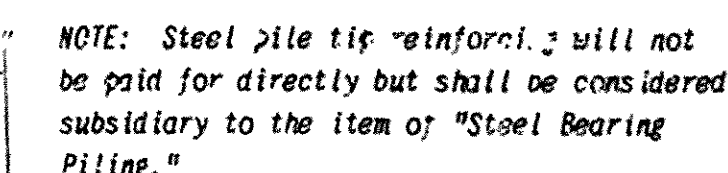


Diagram showing a cross-section of a chimney structure. The drawing includes dimensions and labels for various components:

- Top section: Labeled with #471, #6P30, and #12BP53.
- Height dimension: 5' 20" (5 feet 20 inches).
- Internal width dimension: 6' 10" (6 feet 10 inches).
- Base width dimension: 2' 0" (2 feet 0 inches).

SECTION AT E
INTERMEDIATE BENT



NOTE: The length of bracing members shall be determined in the field. Each member shall be one continuous angle and shall be welded to steel bearing piles as shown. Angle bracing shall be measured and paid for as "Structural Steel" in Beam Spans.

REINFORCING DETAIL
FOR STEEL PILE TIP

NOTE. The contractor may for his convenience and at his own expense provide as many as three splices per pile for steel bearing piling. Minimum spacing between splices shall be 5 feet.

GENERAL NOTES

All concrete to be Class S and shall be poured in the dry. All exposed corners to be chamfered 3/4" unless otherwise noted.

Reinforcing steel to be deformed bars of intermediate or hard grade. Shop lists and bending diagrams are to be submitted for approval before fabrication.

All piling shall be driven to minimum capacity of 44 tons per pile. Piling shall be either 12 BP 53 steel bearing piles, or 16" octagonal precast concrete piles as shown on the layout.

For details of Standard 30' RC Slab Span see Drawing
No. 1510

SPECIFICATIONS: Arkansas State Highway Commission Standard Specifications for Highway Construction, Edition of 1959, the 1966 Supplemental Specifications thereto, and applicable Special Provisions.

* 34 for Fix - Exp.
* 68 for Fix - Fix
** For Steel Piles

LITTLE ROCK, ARK

DRAWN BY: FJM DATE: 31 Aug 66
 TRACED BY: _____ DATE: _____
 CHECKED BY: FMH DATE: 9-6-66
 SCALE: 3/4" = 1'-0" or as noted

BRIDGE NO. _____ DRAWING NO. 15100-A

BRIDGE ENGINEER