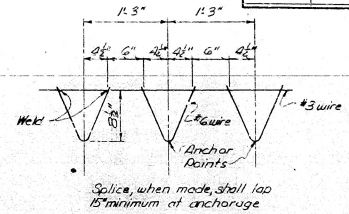
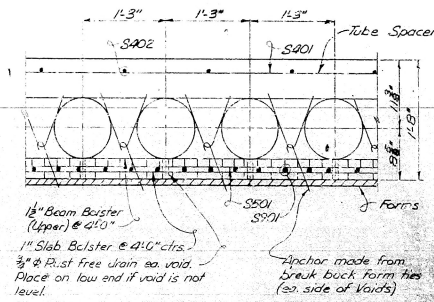
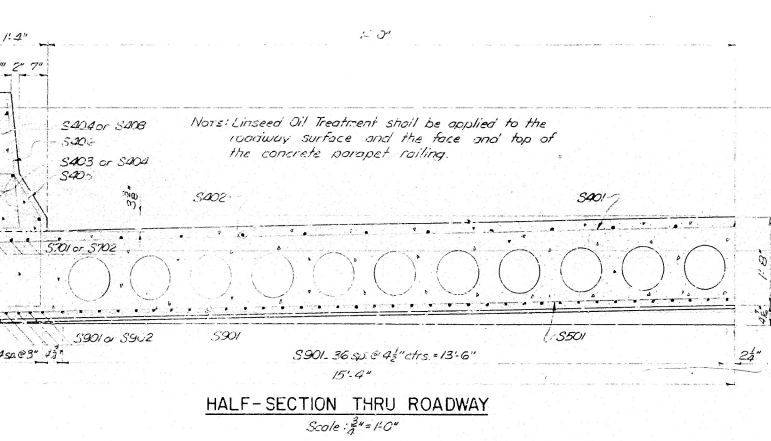
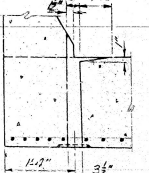


DATE REVISED	DATE PREPARED	DATE REVIEWED	DATE CHECKED	PROJ. NO.	STATE	PROJ. AND PREP.	DESIGN YEAR	DESIGN NO.	TOTAL SHEETS
				6	ARK.	S		6954	22
								5436 SPANS	17873 B



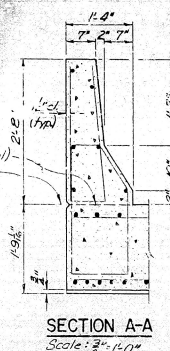
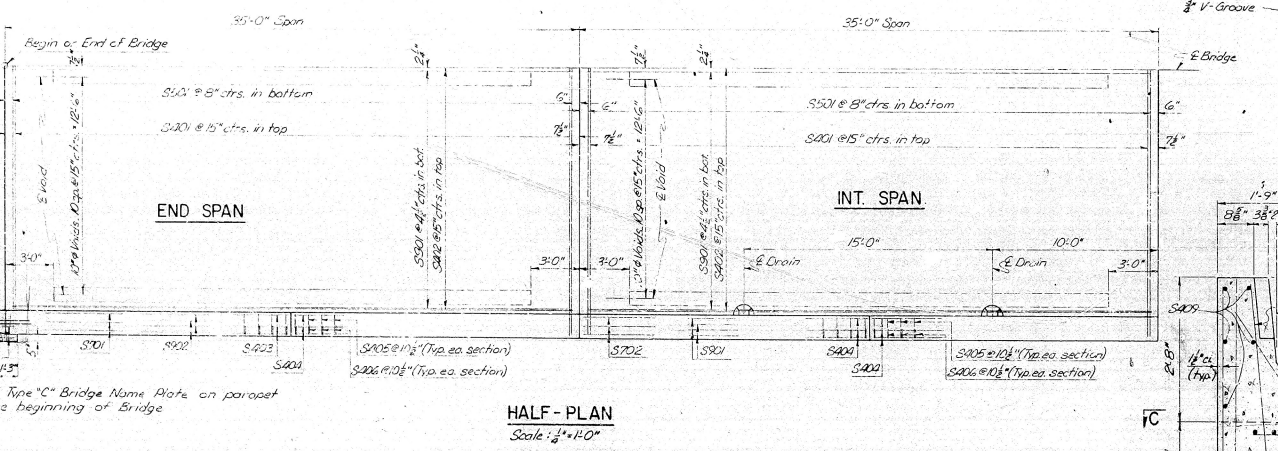
Opening to taper from 3 1/2" x 6" at top to 3 1/2" x 7" at bottom. Place drain on each side of rows in Int. Spans only.



TUBE SPACING DETAIL  
Scale: 1" = 4'-0"

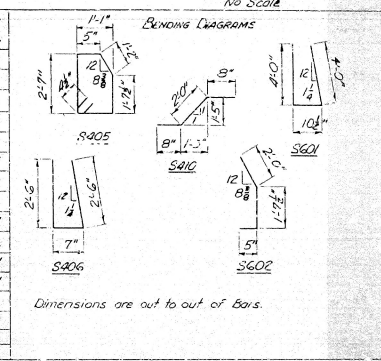
SPACER DETAIL  
Scale: 1" = 1'-0"

DRAIN DETAIL  
No Scale



SECTION A-A  
Scale: 1/2" = 1'-0"

MARK	NO. REQ'D	END	INT.	LENGTH	PIN DIA.
S901	28	28	30'-3"	3/4"	
S902	23	23	34'-7"	3/4"	
S903	8		17'-7"	3/4"	
S904	12	24	17'-4"	3/4"	
S905	78	80	7'-5"	2"	
S906	78	80	5'-5"	2"	
S907	4		16'-8"	3/4"	
S908	10		0'-11"	3/4"	
S909	168		9'-4"	2"	
S910	52	52	30'-3"	3/4"	
S901	4		8'-7"	3/4"	
S902	6		3'-10"	3/4"	
S903	6		35'-1"	3/4"	
S904	6		34'-7"	3/4"	
S905	74	84	34'-7"	3/4"	
S906	10		35'-1"	3/4"	



GENERAL NOTES:

ALL CONCRETE TO BE CLASS 5. ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

REINFORCING STEEL TO BE DEFORMED BARS OF ASTM A615, GRADE 40 STEEL. SHOP LISTS AND BENDING DIAGRAM MUST BE SUBMITTED AND APPROVAL SECURED BEFORE FABRICATION IS BEGUN.

ALL Cylindrical TUBES USED TO FORM VOIDS SHALL BE OF MOISTURE PROTECTED, LAMINATED TYPE CONSTRUCTION, MINIMUM THICKNESS 0.200, AND SHALL BE FURNISHED COMPLETE WITH END CLOSURES AND RUST FREE DRAINS.

ALL REINFORCING STEEL AND FIBER TUBES SHALL BE ACCURATELY LOCATED IN THE FORMS AND FIRMLY HELD IN PLACE BY BEAMS 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 AS SHOWN.

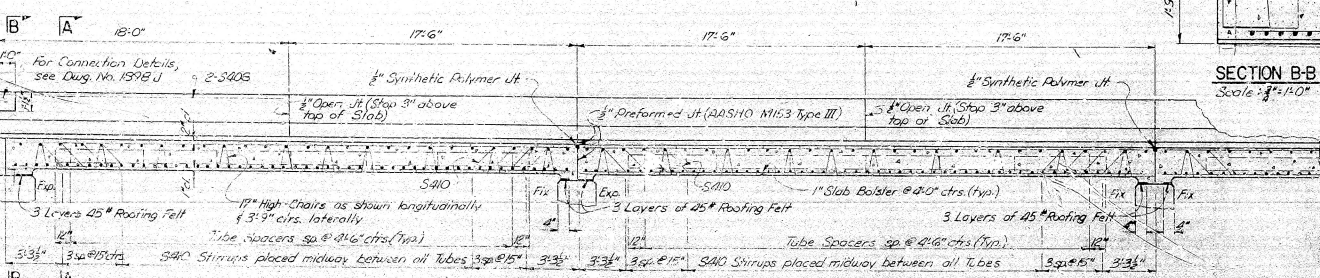
WIRE SUPPORTS FOR REINFORCING BARS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO THE ITEM "REINFORCING STEEL". TUBES FOR FORMING VOIDS AND WIRE SUPPORTS AND SPACERS FOR TUBES WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO THE ITEM "CLASS 5 CONCRETE".

SHOP LISTS AND DIAGRAMS OF WIRE SUPPORTS AND SPACERS FOR TUBES SHALL BE SUBMITTED FOR APPROVAL BEFORE FABRICATION IS BEGUN. ROOFING FELT, PREFORMED EXPANSION JOINT AND SYNTHETIC POLYMER JOINTS SHALL BE MEASURED AND PAID FOR AS CLASS 5 CONCRETE.

SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1972, AND APPLICABLE SPECIAL PROVISIONS.

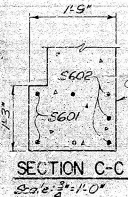
DESIGN SPECIFICATIONS: AASHTO 1969  
DESIGN LIVE LOADING: HS20  
LOAD DISTRIBUTION TO SLAB: BEAD LOAD - 213 PSI  
LIVE LOAD: 6.166 WHEELS/FT OF WIDTH PLUS 30% IMPACT

UNIT STRESSES:  
CLASS 5 CONCRETE (N=10) 1,200 PSI  
REINFORCING STEEL 20,000 PSI

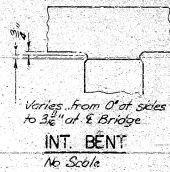


LONGITUDINAL SECTION AT BRIDGE  
Scale: 1/2" = 1'-0"

SECTION B-B  
Scale: 1/2" = 1'-0"



SECTION C-C  
Scale: 1/2" = 1'-0"



INT. BENT  
No Scale

DETAILS OF STANDARD  
35'-0" R.C. SLAB SPAN  
28' CL. RDWY. - CONCRETE PARAPET RAIL  
ROUTE 319 SEC. 2  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK.  
DRAWN BY: K.M.G. DATE: 14 Aug. 72  
CHECKED BY: C.E.S. DATE: 28 Aug. 72  
BRIDGE NO. 5486 DRAWING NO. 14934  
FILE AS DWG 17873 B