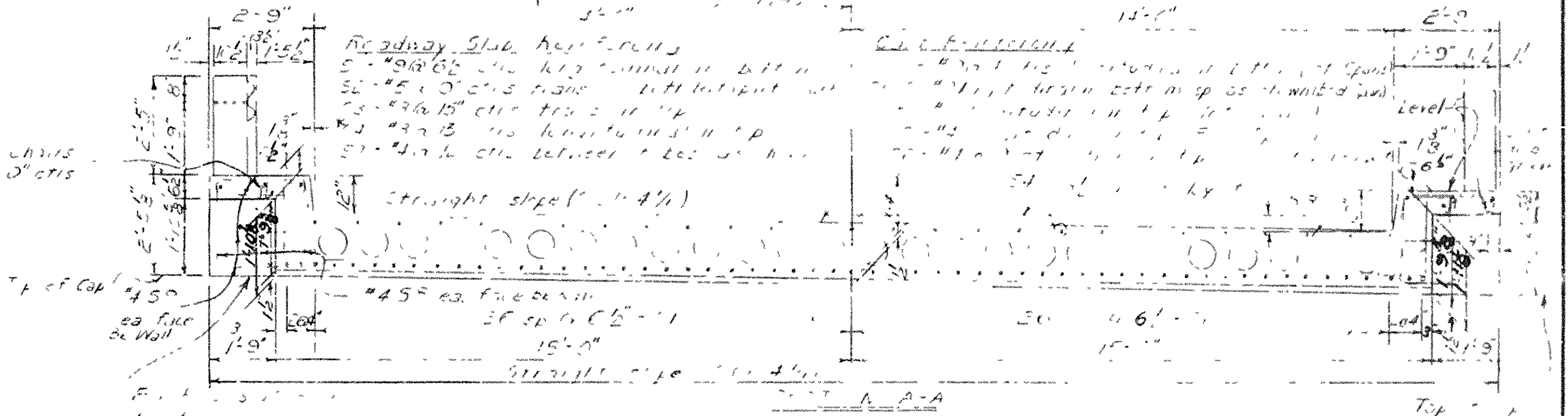
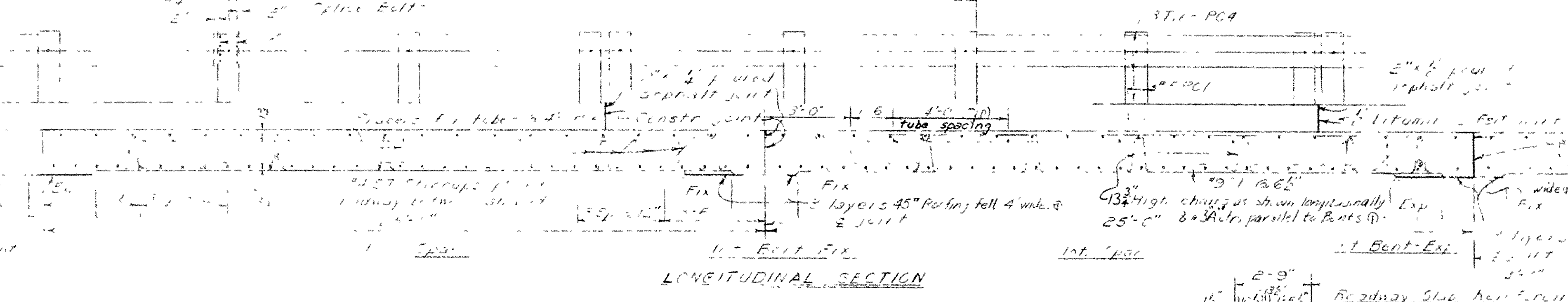
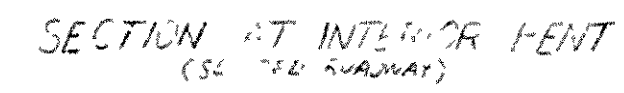
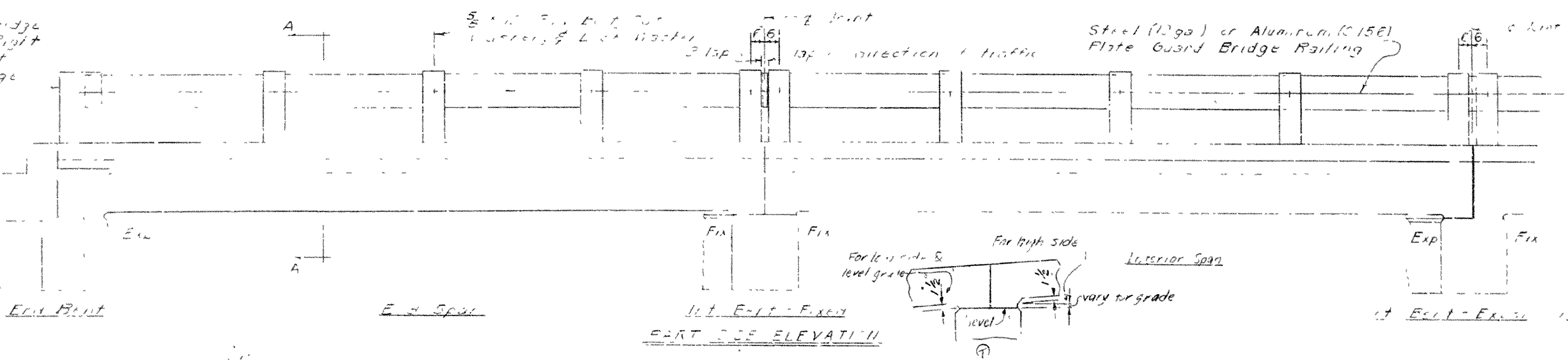
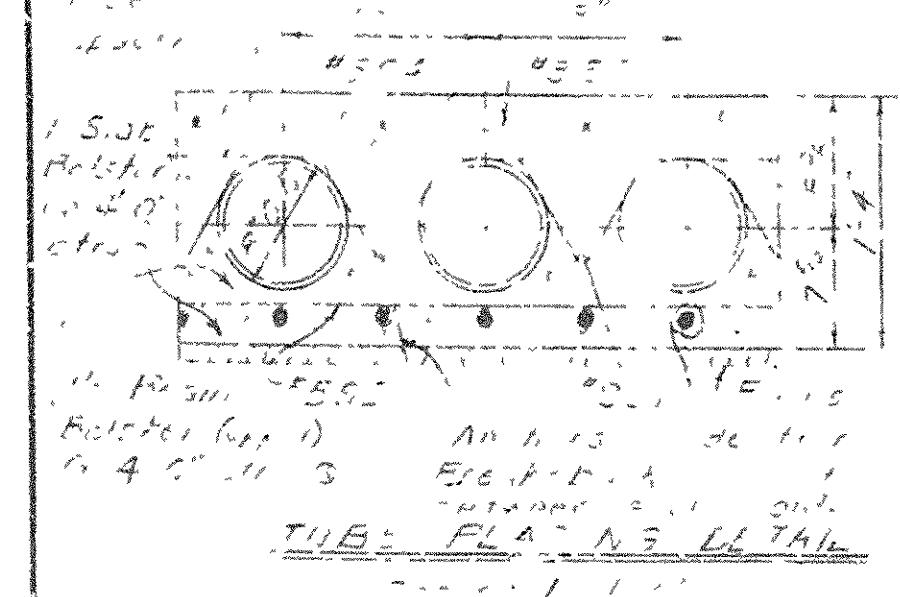
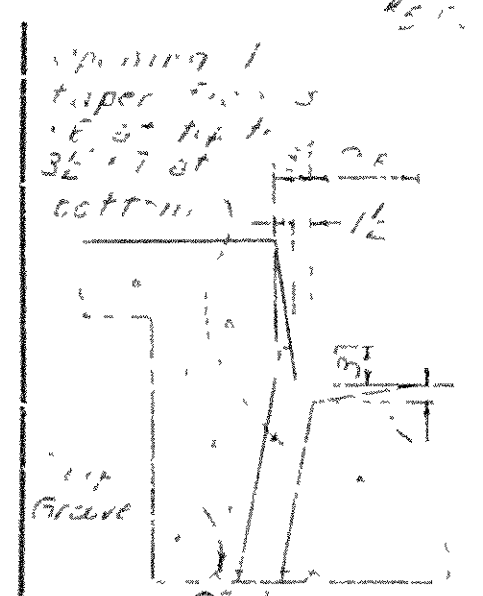
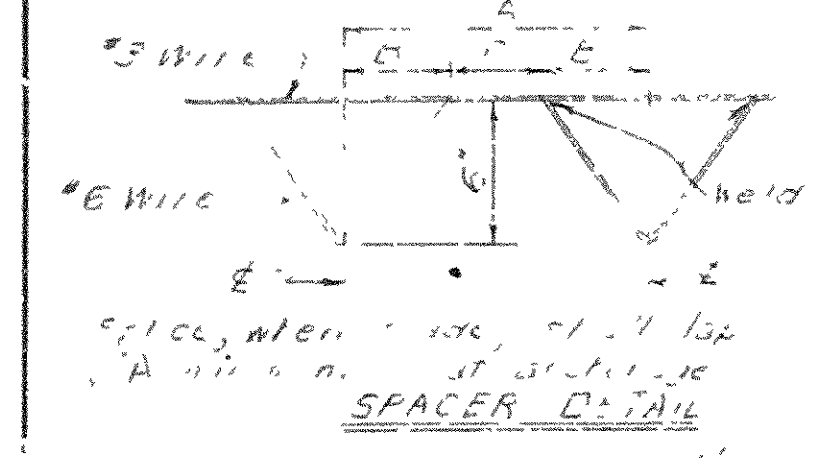


SPREW	A	E	C
30°	1-18"	4-6"	4-4"
30°	1-3"	3-3"	4-8"
45°	1-68"	6-8"	5-8"



	No	Rep'd					
Bar	Ed	Int					Fin
Site	Span	Span	PC	Scra	Scra	45	Scra 13
1	2	53	57	24.7	24.7	24.7	24.7
14	1	-	-	5.0	6.1	4.1	-
16	1	-	-	24.7	24.7	24.7	-
17	1	-	-	25.5	25.5	25.5	-
518	9	1	-	25.5	-	-	-
519	5	34	34	35.5	-	-	3.1
520	5	20	20	3.5	-	-	1.1
521	5	-	27	2	-	-	5.7
524	4	-	8	24	-	-	1.7
529	4	1	-	25.0	25.0	25.0	-
532	4	2	-	24.7	24.7	24.7	-
536	4	1	-	24.2	24.2	24.2	-
539	4	1	-	25.5	25.4	25.5	-
546	4	-	-	25.7	25.1	26.3	-
551	4	1	-	26.0	26.7	27.8	-
566	4	86	86	7.6	7.6	7.6	-
574	4	200	300	2.9	2.9	2.9	1.1
584	4	12	-	2.2	2.2	2.2	-
594	4	12	-	2.7	2.9	2.9	-
P01	5	18	20	5.10	5.10	5.10	1.3
P02	5	4	-	6.1	6.1	6.1	1.3
P03	3	-	-	4.7	4.7	4.7	1.6
P04	3	24	30	2.8	2.8	2.8	1.6

DESIGN SPECIFICATIONS: AASHTO 1961:  
Design Live Loading: H20-S16 & Special Interstate Loading  
of 2 - 24,000# axles 4' on ctrs.  
Load Distribution to Slab: Dead Load-168#/' Live Load -  
0.184 wheels, f.f. of width plus  
30% impact.  
Unit Stresses: Class S Concrete ( $f'_c$ ) 1,200 psi  
Reinforcing Steel 20,000 psi

GENERAL NOTES

All concrete to be Class S. All exposed corners to be chamfered  $\frac{1}{4}$ " 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.

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.

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 size and number 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".

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 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.

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 posts 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.

DETAILS OF STANDARD  
25'-0" R.C. SLAB SPANS (WITH VOIDS)  
20°, 30°, or 45° RT. FWD SKEW  
28'-0" CLEAR ROADWAY 2 CURBS at 16"  
ROUTE SEC.  
ARKANSAS STATE HIGHWAY COMMISSION  
LITTLE ROCK, ARK  
DRAWN BY: JAS DATE 2-26-63  
TRACED BY: DATE  
CHECKED BY: KT DATE 2-26-63  
SCALE 1" = 1'-0"  
BRIDGE NO DRAWING NO. 5423C