

KENTUCKY DEPARTMENT OF HIGHWAYS

I-64 OVER SLATE CREEK

LOUISVILLE-CATLETTSBURG ROAD

BATH COUNTY

PR. 1004	REV.	DATE	BY	CHK.	APP.	DATE
7	KY.					

GENERAL NOTE

SPECIFICATIONS: KENTUCKY DEPARTMENT OF HIGHWAYS, CURRENT STANDARD WITH SUPPLEMENTS.
 DESIGN LOAD: BRIDGE DESIGNED FOR H20-S16 LOADING AS SPECIFIED IN 881 AASHTO SPECIFICATIONS OR ALTERNATE LOADINGS OF TWO 24 KIP AXLES SPACED 4 FEET APART, WHICHEVER PRODUCES THE GREATER STRESS.

DESIGN STRESSES: FOR REINFORCED CONCRETE, $f'_c = 20,000 \text{ psi}$, $f'_s = 300 \text{ psi}$ for Σ , $f'_c = 1,200 \text{ psi}$, $f'_s = 3,000 \text{ psi}$, $f'_c = 200 \text{ psi}$, $f'_s = 10$ FOR EMBEDMENT $f'_c = 20,000 \text{ psi}$ FOR A36 STEEL.
 FOUNDATION PRESSURE: FOOTINGS ARE DESIGNED FOR A MAXIMUM PRESSURE OF 20,000 psf , AND PILES ARE DESIGNED FOR A MAXIMUM LOAD OF 40 TONS PER PILE. THESE MAXIMUMS ARE FOR GROUP I LOADS WITH INCREASES ALLOWED FOR OTHER LOADING GROUPS.

CONCRETE: CLASS "A" CONCRETE IS TO BE USED THROUGHOUT, EXCEPT IN PILES. CLASS "D" CONCRETE IS TO BE USED IN PILES.

REINFORCEMENT: INTERMEDIATE OR HARD GRADE REINFORCEMENT SHALL BE USED IN ACCORDANCE WITH ASTM A15-58T FOR BILLET STEEL, OR A16-59T FOR RAIL STEEL CONFORMING TO BENDING REQUIREMENTS OF AASHTO SPEC. M42 DIMENSIONS SHOWN FROM FACE OF CONCRETE TO BARS ARE CLEAR DISTANCES. SPACING OF BARS IS FROM CENTER TO CENTER OF BARS.

BEVELED EDGES: ALL EXPOSED EDGES SHALL BE BEVELED $\frac{1}{8}$ " UNLESS OTHERWISE SHOWN.
 PREMOULDED CORK JOINT FILLER: THE COST OF THESE ITEMS IS TO BE INCLUDED IN THE UNIT PRICE BID FOR CLASS "A" CONCRETE.

STRUCTURAL STEEL: "LUMP SUM BID" FOR STRUCTURAL STEEL SHALL BE FULL PAYMENT FOR ALL STRUCTURAL STEEL, RIVETS, BOLTS, WASHERS, STEEL PINS, CAST IRON, LEAD PLATES, MOLDED LEAD, WELDING AND WELDING MATERIALS, FLOOR DRAINS, PAINT AND ALL LABOR AND MATERIALS NECESSARY TO ERECT THE STEEL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

PAINT: ALL STRUCTURAL STEEL EXCEPT PINS AND PIN BEARING SURFACES SHALL BE GIVEN ONE SHOP COAT OF TYPE I RED LEAD PAINT AND TWO FIELD COATS OF ALUMINUM PAINT. EXPOSED SURFACES OF EXPANSION DAMS, NOT ACCESSIBLE AFTER ERECTION SHALL BE GIVEN TWO FIELD COATS OF ALUMINUM PAINT BEFORE ERECTION. PINS AND PIN BEARING SURFACES SHALL BE COATED IN THE SHOP WITH A HOT MIXTURE OF WHITE LEAD AND TALLOW IN ACCORDANCE WITH THE SPECIFICATIONS. SHOP PAINT SHALL NOT BE APPLIED TO STEEL SURFACES IN CONTACT WITH CONCRETE.

CONSTRUCTION JOINTS: ALL CONSTRUCTION JOINTS SHALL BE CAREFULLY FORMED. THE CONTRACTOR SHALL FURNISH SUFFICIENT MIXER CAPACITY TO PLACE THE CONCRETE BETWEEN CONSTRUCTION JOINTS AS NOTED ON THE PLANS IN A PERIOD NOT EXCEEDING TEN HOURS CONTINUOUS RAIN. AFTER ONE SECTION OF THE CONCRETE HAS BEEN PLACED, THE CONSTRUCTION JOINT SHALL BE THOROUGHLY CLEANED OF ALL LANTAGE, LOOSE AND FOREIGN MATERIAL JUST BEFORE THE CONCRETE TAKES ITS FINAL SET, WHICH IS ABOUT SIX HOURS. THE JOINTS SHALL THEN BE COVERED WITH BURLAP AND LEFT COMPLETELY SATURATED WITH WATER. FLUSH THE JOINTS WITH 1:2 PORTLAND CEMENT MORTAR JUST BEFORE PLACING THE ADJOINING SECTION.

PREMOULDED CORK JOINT FILLER: Premolded cork filler shall conform to A.S.T.M. Specification D 1752-60T, type II and Kentucky Department of Highways Specifications.

FALSEWORK: THE FALSEWORK SUPPORTING THE GIRDERS IN ANY SPAN OF A CONTINUOUS REINFORCED CONCRETE UNIT SHALL NOT BE REMOVED UNTIL ALL GIRDERS AND SLABS IN ALL SPANS (IF THE CONTINUOUS UNIT HAVE BEEN POURED AT LEAST TWENTY-ONE DAYS).
 TAR PAPER: TAR PAPER IS TO BE COMMERCIAL GRADE TAR PAPER OR ROOFING FELT APPROXIMATELY $\frac{1}{16}$ " THICK.
 WIND LOADS: THIS STRUCTURE IS DESIGNED USING WIND LOADS BASED ON A WIND VELOCITY OF 84 MPH.
 CONCRETE FINISH: EXTERIOR FACE OF EXTERIOR GIRDERS, PLINTHS AND SOFFIT OVERHANGS SHALL RECEIVE A RUBBED SURFACE FINISH.
 SLOPE PROTECTION: SLOPE PROTECTION SHALL BE DRY CYCLOPEAN STONE RIPRAP IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS.

PILING: PILING SHALL BE DRIVEN TO SOLID ROCK. TEST PILES SHALL BE DRIVEN WHERE DESIGNATED ON THE PLANS TO DETERMINE THE LENGTH REQUIRED. ALL TEST PILES SHALL BE ACCURATELY LOCATED SO THAT THEY MAY BE USED IN THE FINISHED STRUCTURE.

ALTERNATE TYPES OF PILES: THE CONTRACTOR SHALL USE ONE OF THE FOLLOWING TYPES THROUGHOUT:
 ALTERNATE A - 12BP53 STEEL PILES, STD. DWC. P17
 ALTERNATE B - 14" RC PRECAST PILES, STD. DWC. P2

DRIVING CONCRETE PILES: FOR RC PRECAST PILES, CORED PILOT HOLES THROUGH THE EMBANKMENT WILL BE REQUIRED FOR STARTING PILES. THE COST OF THIS WORK IS TO BE INCLUDED IN THE UNIT PRICE BID PER LINEAR FOOT FOR DRIVING PILES.

OPTION TYPES OF HIGH-STRENGTH HANDRAIL: The Contractor shall provide throughout the project, at his option, either High-Strength Aluminum Handrail in accordance with Standard Drawing H115 or High-Strength Concrete Handrail in accordance with Standard Drawing H150.

REFERENCE AND ESTIMATE OF QUANTITIES

ITEM	SHEET	CLASS 'A' CONCRETE CU. YD.	REINF. STEEL LB.	STRUCTURE EXCAVATION CU. YD.	STRUCT. STEEL LUMP SUM BID	HIGH STRENGTH HANDRAIL LIN. FT.	SLOPE PROTECTION SQ. YD.	ALT 'A' 12" BP53 STEEL PILES LIN. FT.	ALT 'B' 14" RC PRECAST PILES LIN. FT.	BRONZE PHOTO EXPLAN. COAT. PLATES SQ. YDS.
LOCATION	N.J.			COMMON	S. ROCK			FURNISH	DRIVE	
TITLE/NOTES & QUANTITIES	1									
GENERAL PLAN	2									
SOUNDINGS	3									
STAKE/OUT & PILE RECORD	4									
BENT 1	5	32.4	2713	90				40	270	270
PIER 1	6	74.3	8750	160	20					
PIER 2	7	68.1	8214	20	10					
PIER 3	7	70.1	8414	30	40					
PIER 4	6	69.3	8292	85	35					
ABUTMENT 2	8	383.531	4632	20130	100120					
SPAN 1	9,10	94.3	21847			83.0				304
SPANS 2,3,4	11,12,13	459.4	151612			444.0				
SPAN 5	9,10	94.3	21847			83.0				304
ELEVATIONS	14	1015.3	236320							
WESTBOUND TOTALS		1000.7	233905	405515	205225	610.0	350	40	270	270
BENT 1	5	32.4	2713	90				40	270	270
PIER 1	6	74.3	8750	165	10					
PIER 2	7	68.1	8214	20	15					
PIER 3	7	70.1	8414	35	35					
PIER 4	6	69.3	8292	105	10					
ABUTMENT 2	8	383.531	4632	20220	100100					
SPAN 1	9,10	94.3	21847			83.0				304
SPANS 2,3,4	11,12,13	459.4	151612			444.0				
SPAN 5	9,10	94.3	21847			83.0				304
ELEVATIONS	14	1031.0	236320							
EASTBOUND TOTALS		1000.7	233905	405515	205225	610.0	350	40	270	270
TOTAL BOTH STRUCTURES		2001.4	467810	811030	410350	1220.0	700	80	540	540

① Approximate Weight of Structural Steel is 34,000 Lbs.
 ② Slope Protection is Dry Cyclopean Stone Rip Rap

BILL OF INCIDENTAL MATERIAL

ITEM	NO.	SIZE & LOCATION
Tar Paper	4	1/4" x 39" T. @ Abutments
Prem Exp. Jt. Mort.	8	1/2" x 6" x 12" @ Piers 1 & 4
Prem Exp. Jt. Mort.	4	1/2" x 6" x 9" @ Keys @ Piers 1 & 4
Joint Sealing Compound	4	1/2" x 3/4" x 12" @ Metal Expansion Joints

SPECIAL PROVISION FOR HIGH-STRENGTH ALUMINUM BRIDGE RAILING POST DATED 10-2-64
 H115 P2 AE1 SF2A
 H150 P17 SPECIAL PROVISION FOR LINSEED OIL PROTECTIVE SS2 ED2B COATING, DATED 4/4/64
 SPECIAL PROVISION FOR JOINT SEALING COMPOUND DATED 6-27-62

NOTES: THE BILL OF INCIDENTAL MATERIAL IS APPROXIMATE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING SUFFICIENT MATERIAL TO COMPLETE THE WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

STANDARD DRAWINGS

I-64 OVER SLATE CREEK SHEET 1 OF 4

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
 BATH
 LOUISVILLE-CATLETTSBURG ROAD

STATION 713+50 PROJECT NO. 7-1-64
 BRIDGE NUMBER 1536

NO.	DATE	BY	CHKD.	APP'D.
7	7	KY.		

1-64 OVER SLATE CREEK SHEET 2 OF 14

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

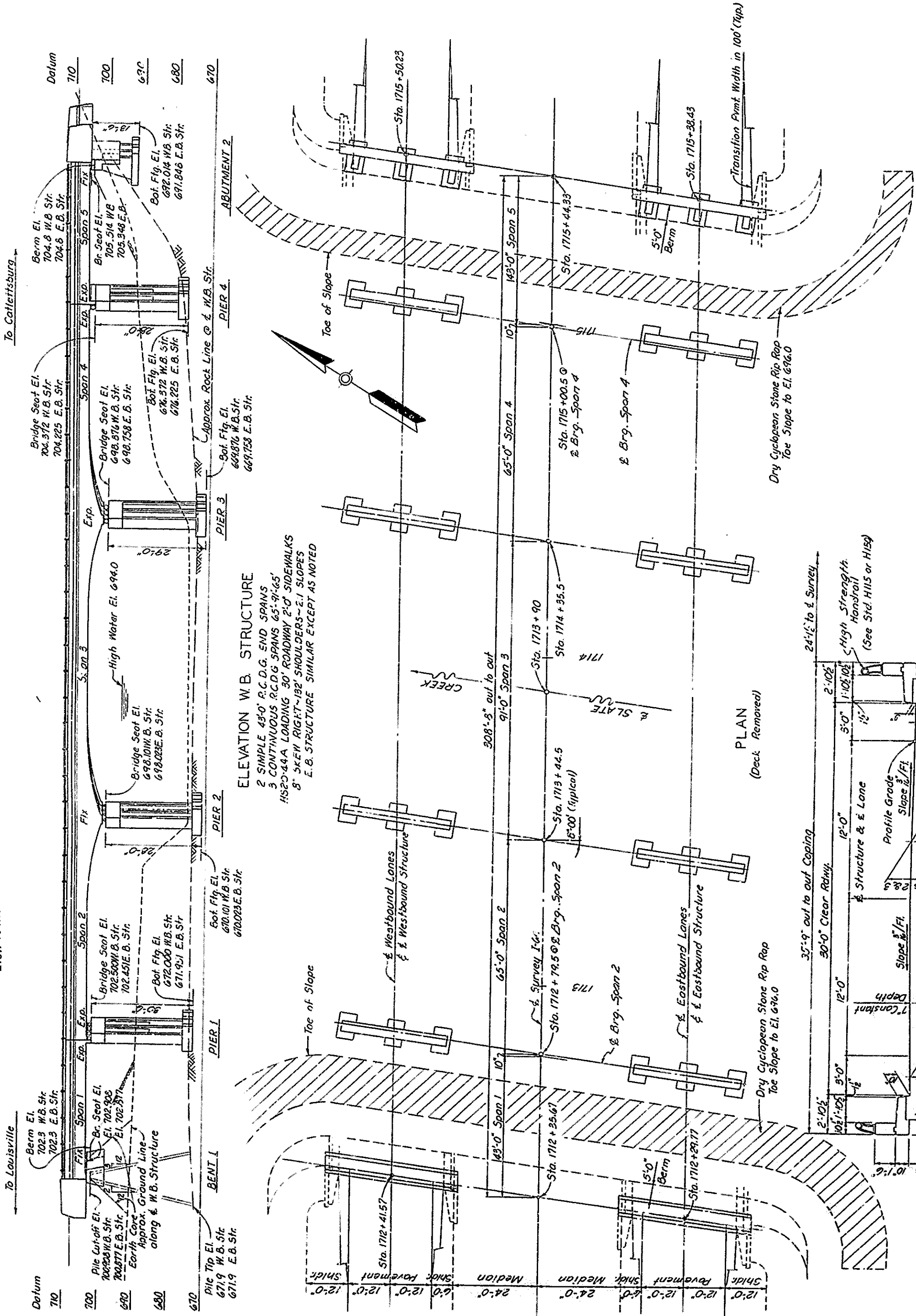
FRANKFORT
COUNTY OF

BATH

LOUISVILLE-CATLETTSBURG
ROAD

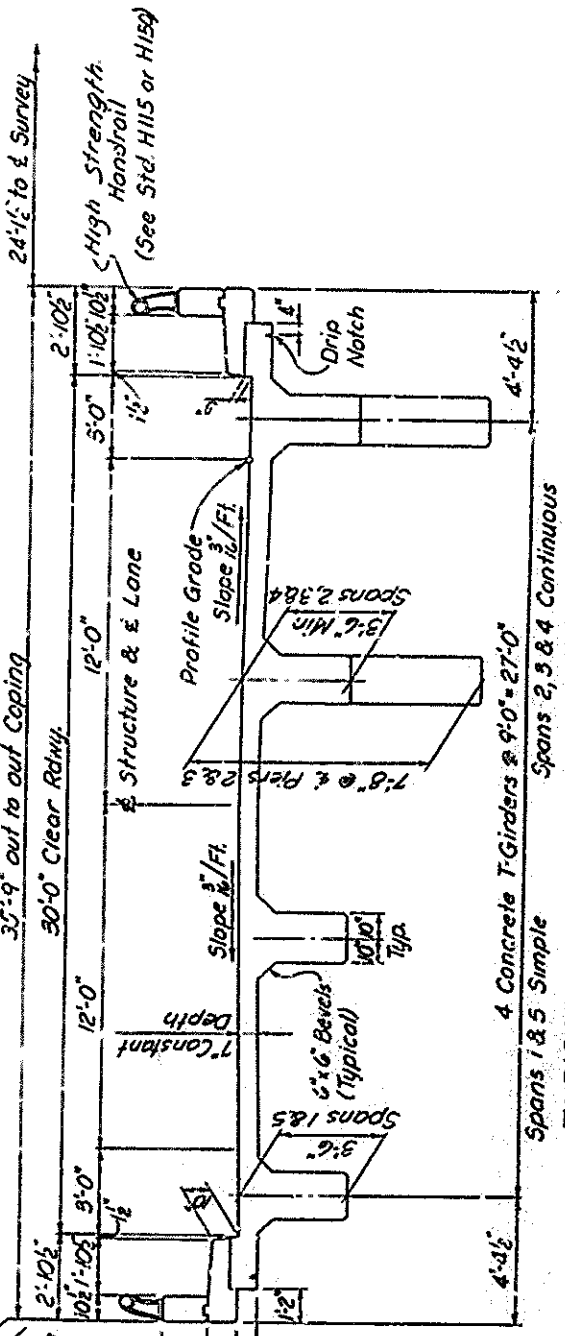
STATION 1713+90
BRIDGE NUMBER

15966



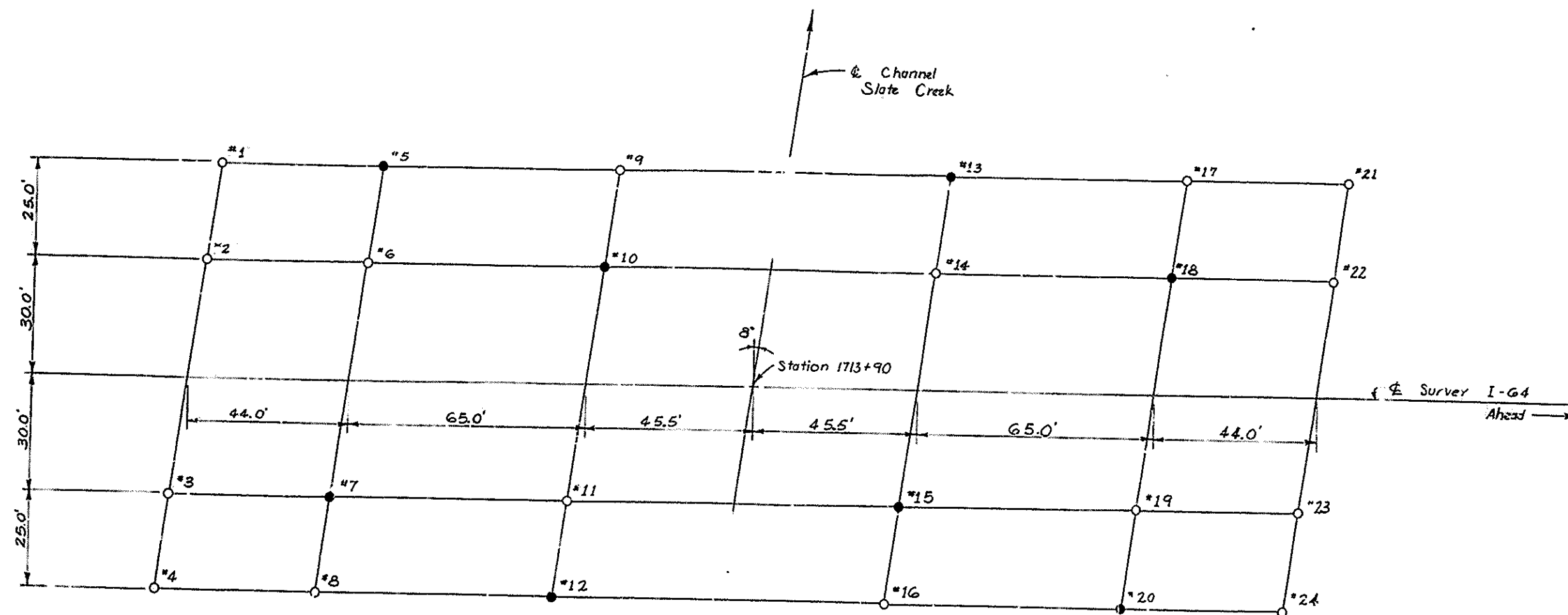
ELEVATION W.B. STRUCTURE
2 SIMPLE 45'-0" R.C.D.G. END SPANS
3 CONTINUOUS R.C.D.G. SPANS 65'-9" x 45'
HS20-44A LOADING 30' ROADWAY 2'-0" SIDEWALKS
8' SKEW RIGHT-192' SHOULDERS-E.I. SLOPES
E.B. STRUCTURE SIMILAR EXCEPT AS NOTED

PLAN
(Deck Removed)



TYPICAL SECTION THRU DECK
Spans 1 & 5 Simple
Spans 2, 3 & 4 Continuous

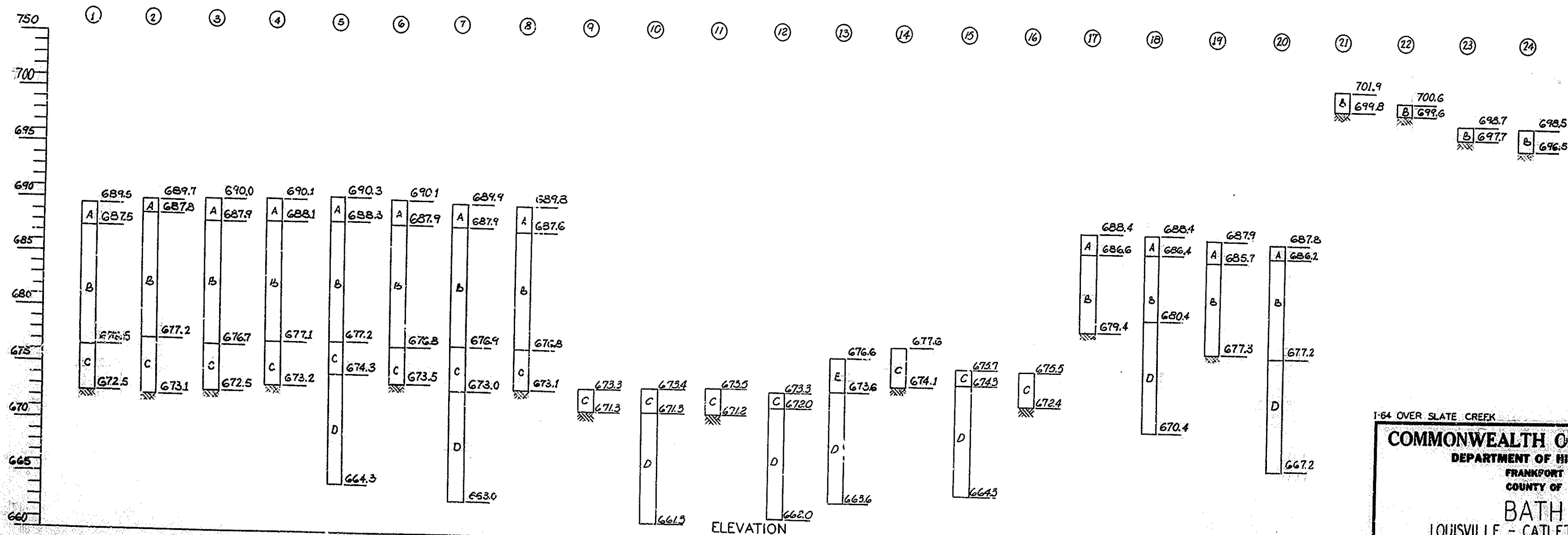
NO.	DATE	BY	CHKD.	APP'D.
1	1-64	KY.		



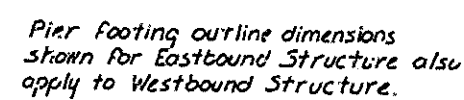
- Indicates soundings to solid rock.
- Indicates core 10' into solid rock.

LEGEND

- A - Top Soil
- B - Brown Sandy Clay
- C - Gray Sand and Gravel
- D - Solid Rock, Limestone and Shale
- E - Water, Gray Sand and Gravel



1-64 OVER SLATE CREEK		SHEET 3 OF 14	
COMMONWEALTH OF KENTUCKY			
DEPARTMENT OF HIGHWAYS			
FRANKFORT			
COUNTY OF			
BATH			
LOUISVILLE - CATLETTSBURG			
ROAD			
STATION 1713+90		PROJECT NO. 164	
BRIDGE NUMBER		NO. 15066	



PILE RECORD					
Pile Number	Cut Off Elevations 12.62' F3	Cut Off Elevations 14' RC Pile	Tip of Pile Elevation As Driven	Pile Length in Place Lin. Ft.	Calculated Bearing Capacity
1	700.903	698.909	673.89	27.92	REFUSAL
2	700.908	698.909	673.82	27.48	"
3	700.905	698.908	673.86	27.54	"
4	700.908	698.908	673.97	27.32	"
5	700.908	698.908	674.28	27.61	"
6	700.908	698.908	674.15	27.14	"
7	700.908	698.908	674.26	27.53	"
8	700.908	698.908	674.03	27.26	"
9	700.908	698.908	673.93	27.87	"
10	700.877	698.877	673.56	28.22	"
11	700.877	698.877	673.22	28.05	"
12	700.877	698.877	673.69	28.06	"
13	700.877	698.877	673.86	27.40	"
14	700.877	698.877	674.21	27.55	"
15	700.877	698.877	673.57	27.80	"
16	700.877	698.877	674.24	27.32	"
17	700.877	698.877	673.62	27.65	"
18	700.877	698.877	673.54	28.25	"

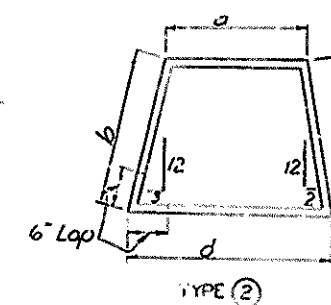
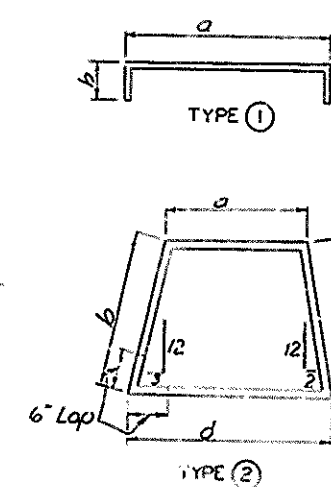
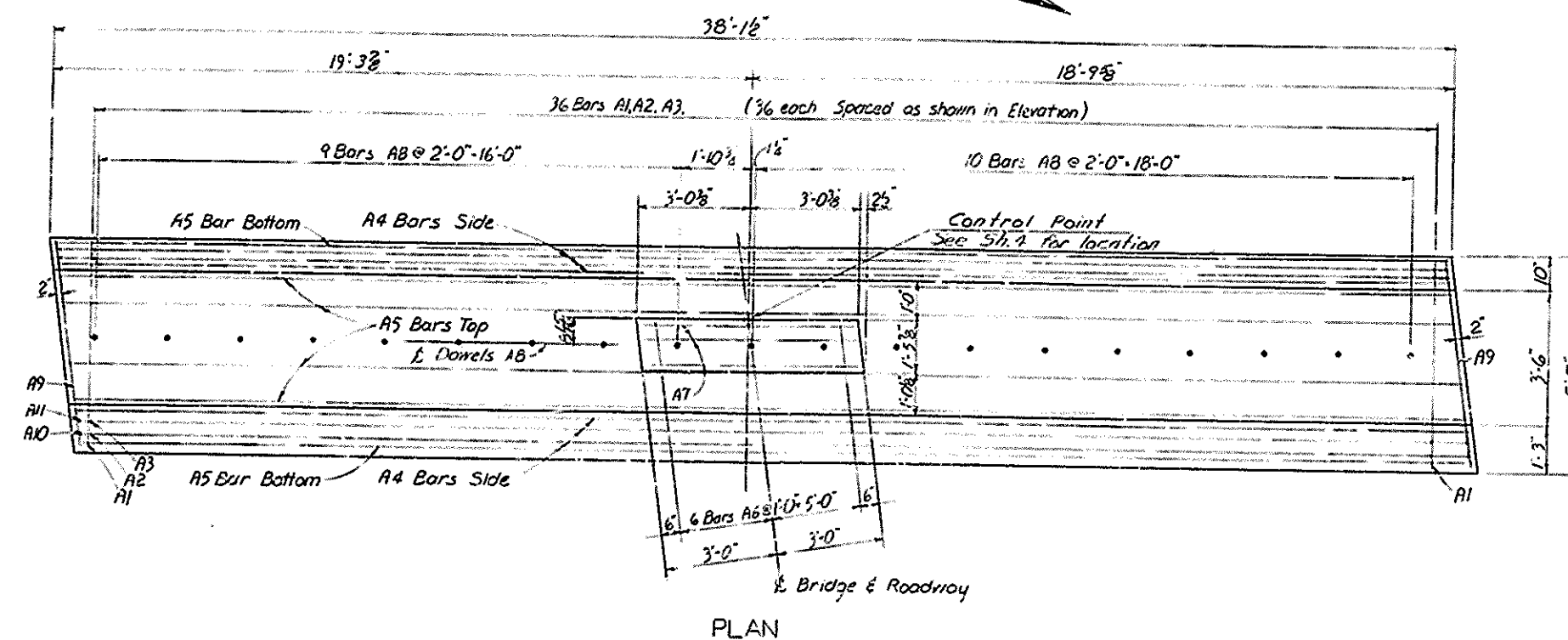
This pile record does not replace other records of piles required to be kept and submitted by the Resident Engineer. After all piles have been driven, the Resident Engineer shall record the tip-of-pile elevation as driven, the length of pile in place, the calculated bearing capacity of each pile, and shall return one blue print copy of this sheet with this data to the Director of Bridges so that the data may be recorded on the original plans. Lengths of piles in place shown hereon are the actual lengths of piles in the finished structure below cut-off elevation and are not necessarily pay items.

STAKE OUT PLAN & PILE DRIVING RECORD

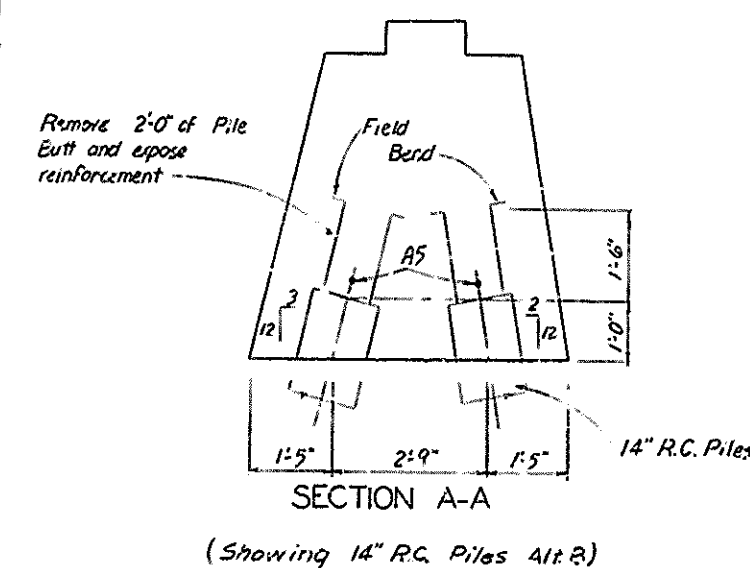
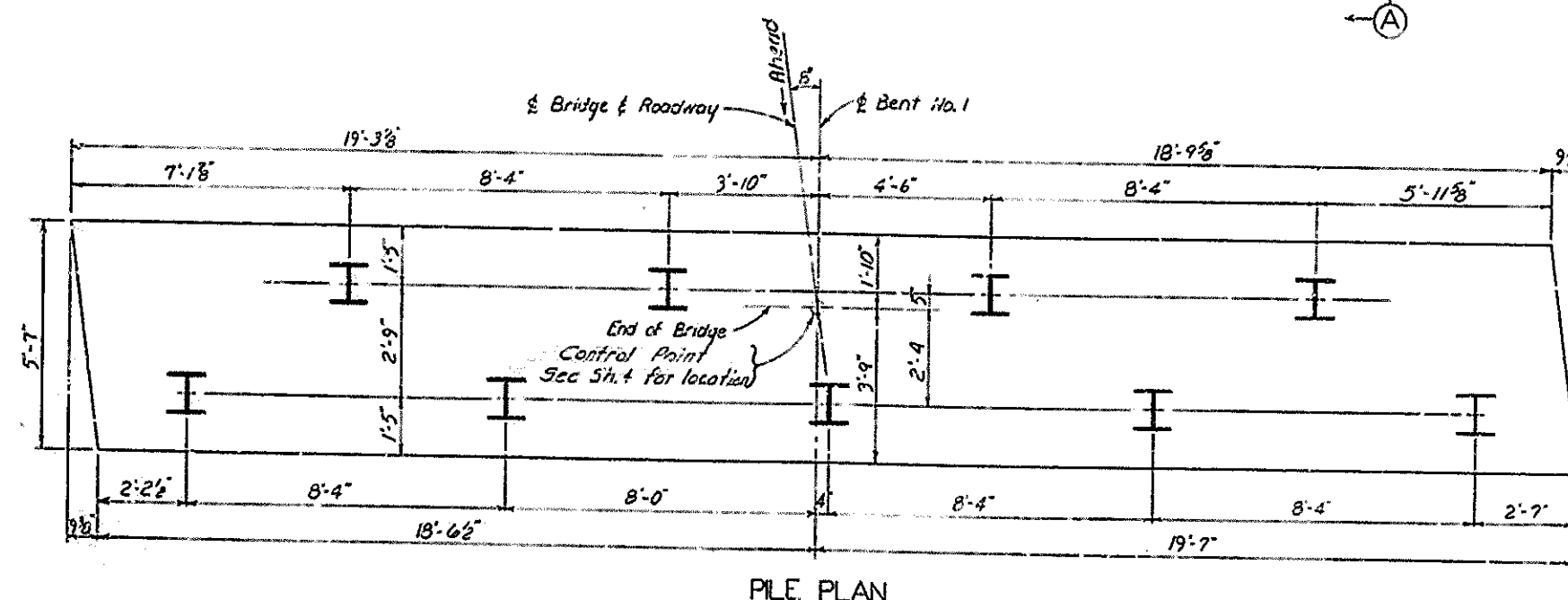
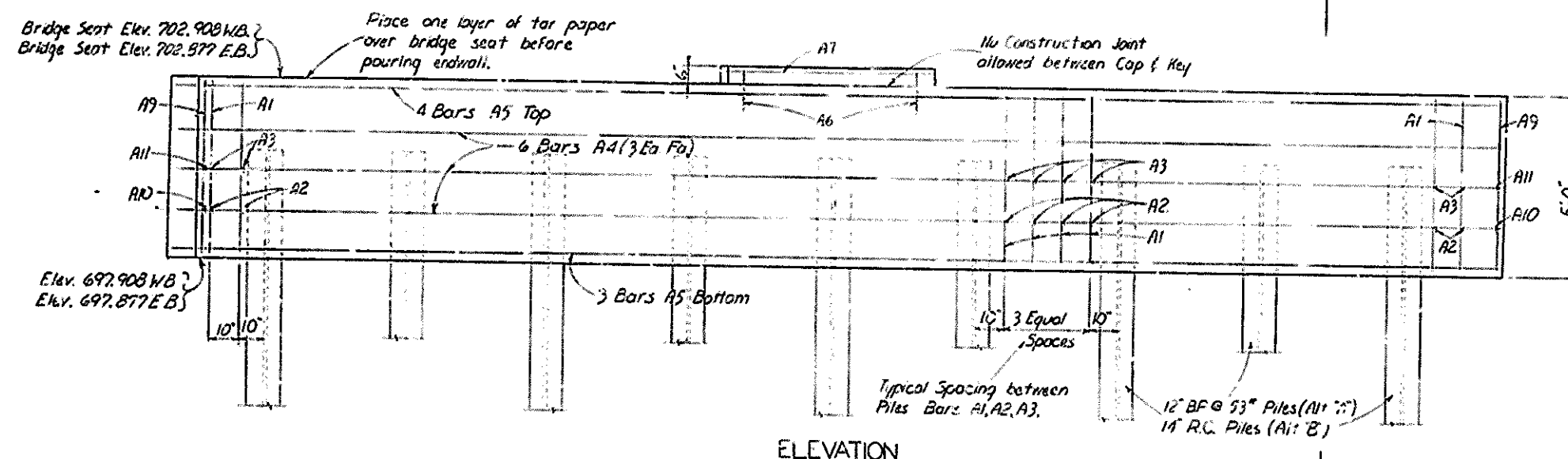
COMMONWEALTH OF KENTUCKY

DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

STATION 1713 + 90		PROJECT NO. I-64	
BRIDGE NUMBER		DRAWING	BOOK
		NO. 15966	

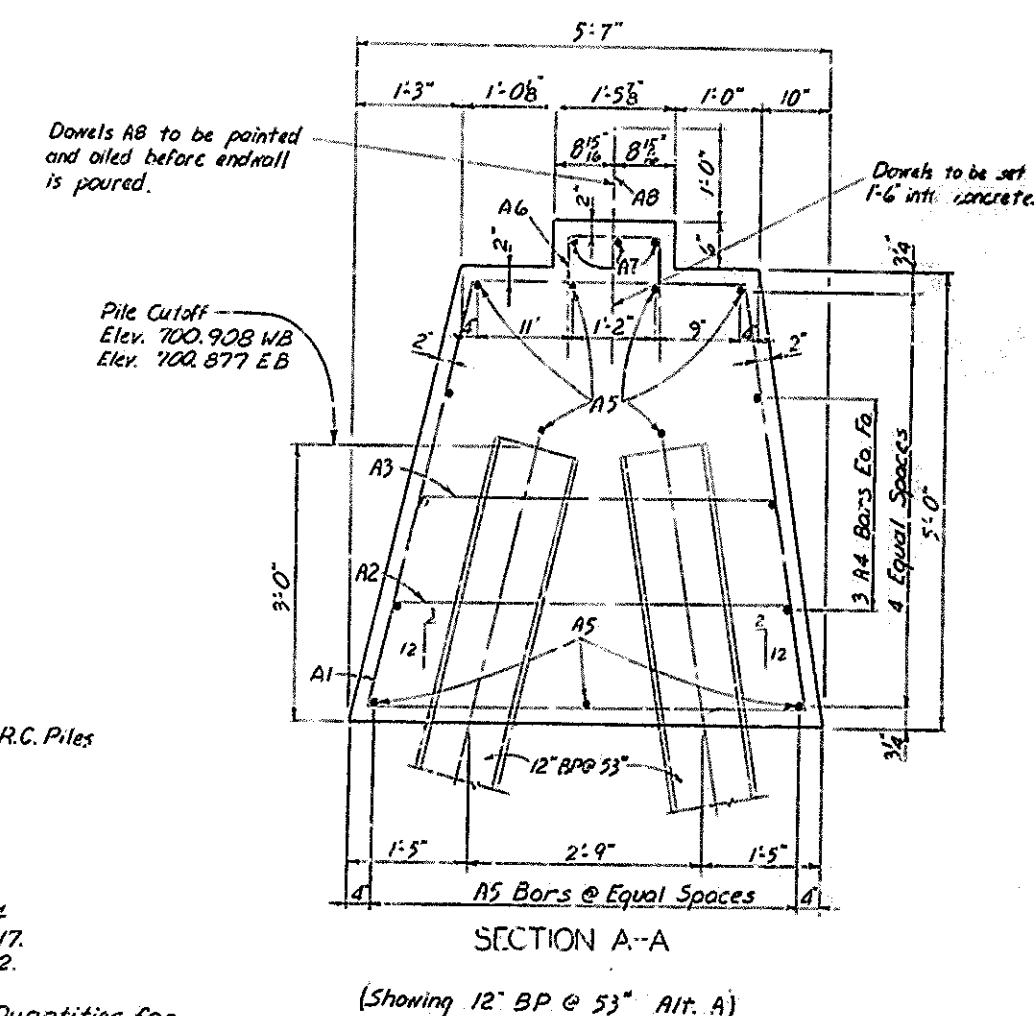
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ESTIMATE OF QUANTITIES		
	E.B.	W.B.
CONCRETE CLASS "A"	32.4 CY	32.4 C
REINFORCEMENT	2718 lbs.	2718 lbs.



NOTES:
For Stake out plan and Pile Record, See Sheet 4
For details of 12" B.P. @ 53", See Std. Drawing P-17.
For details of 14" R.C. Piles, See Std. Drawing P-2.

No reductions have been made in Concrete Quantities for embedment of piling. The correction is to be made in the field after alternate of piles is chosen.



I-64 OVER SLATE CREEK

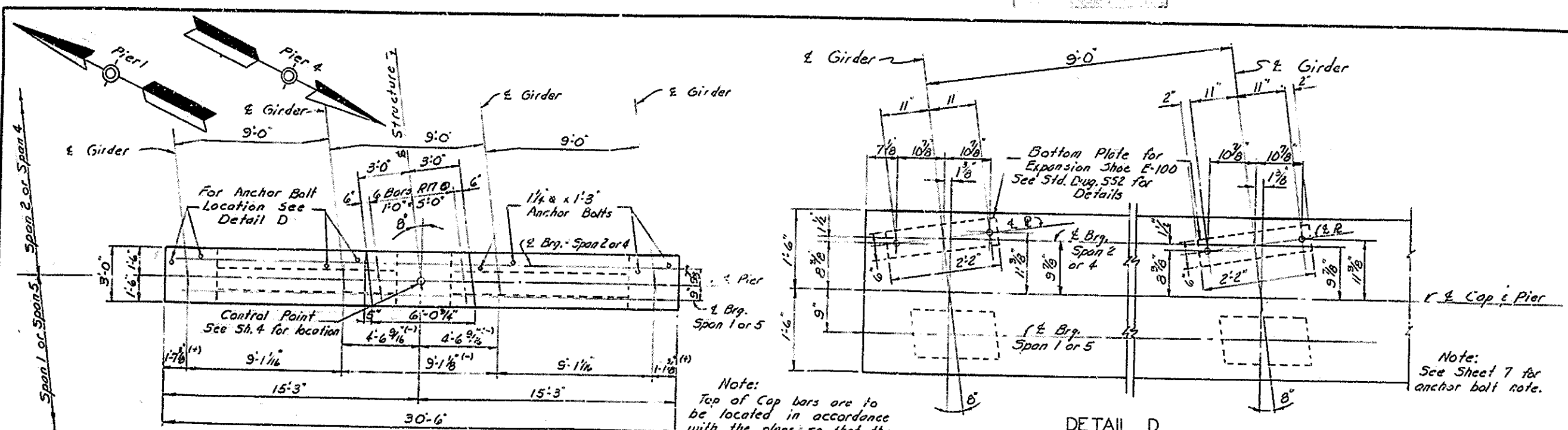
SHEET 5 OF 14

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

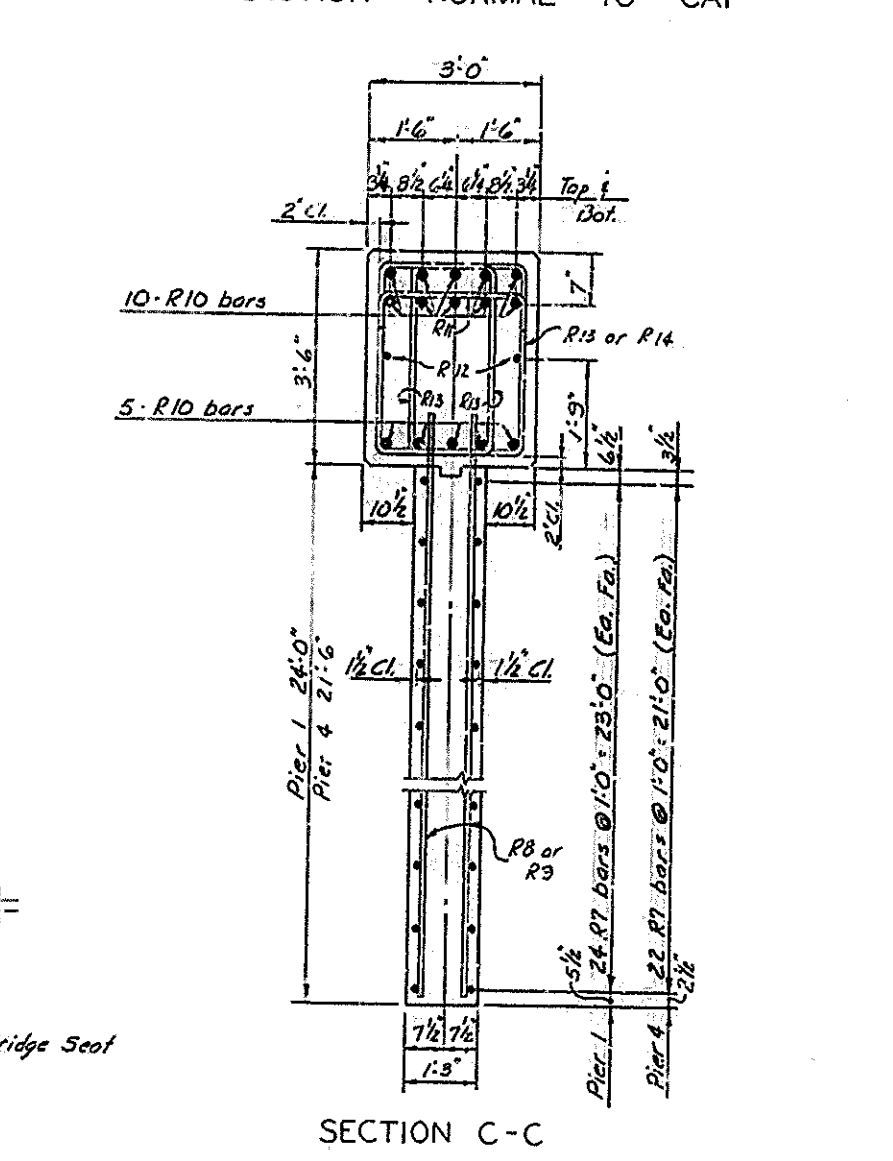
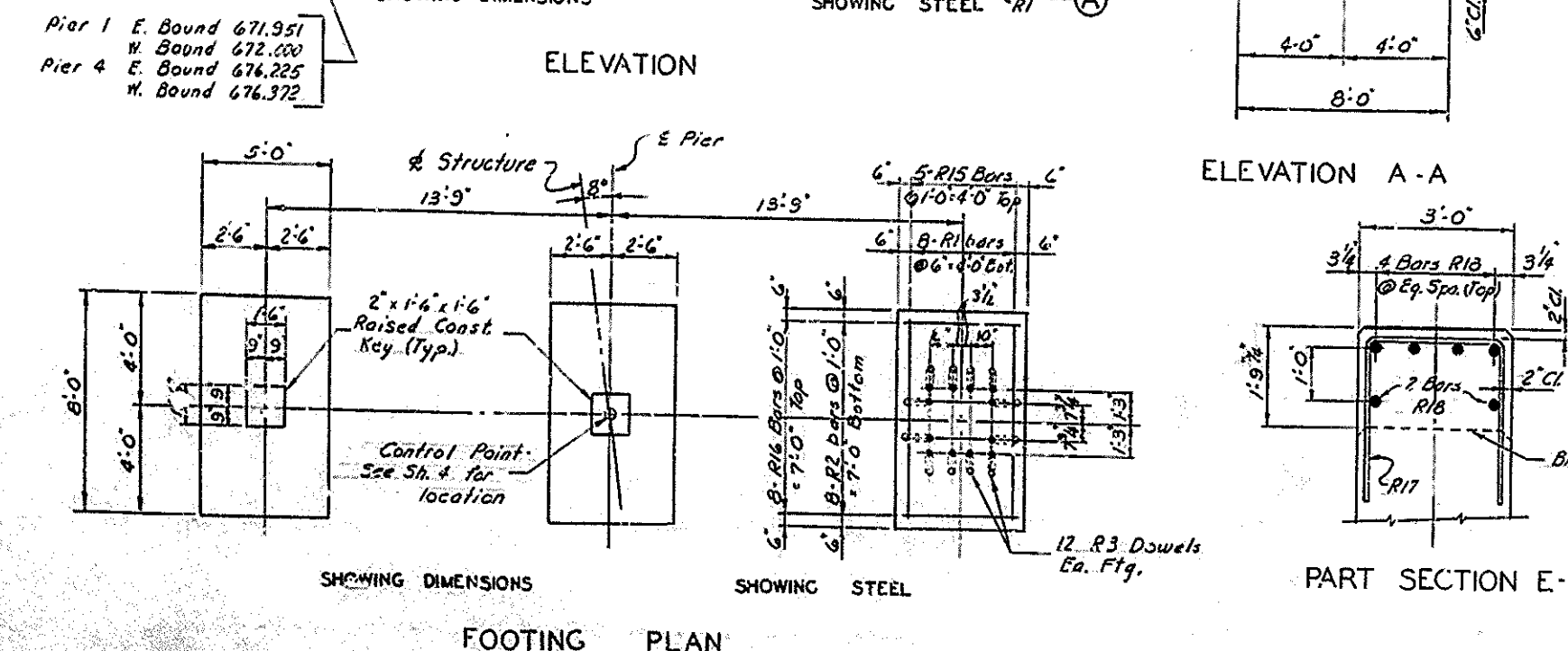
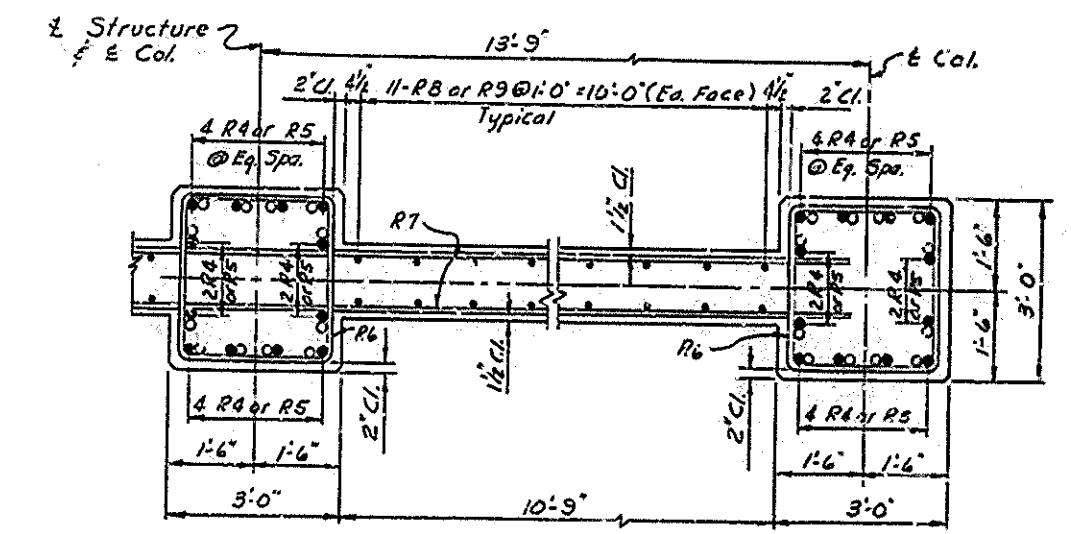
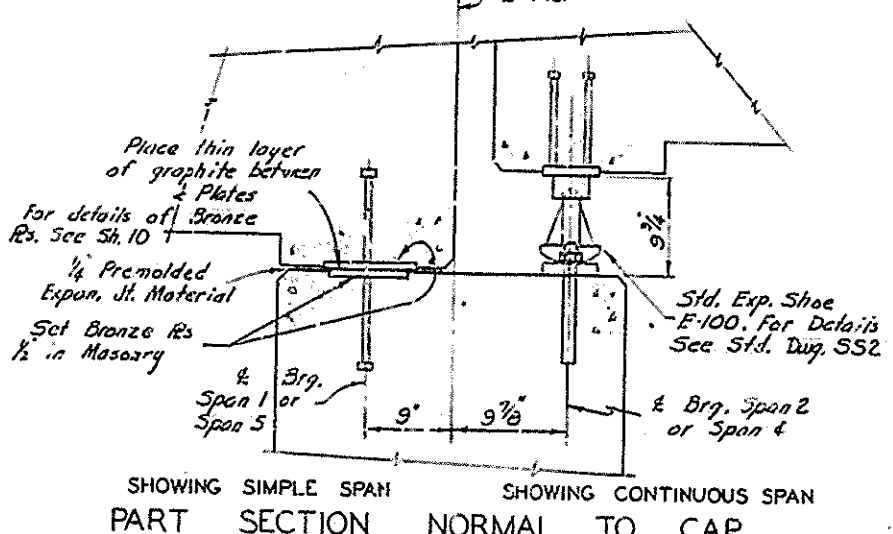
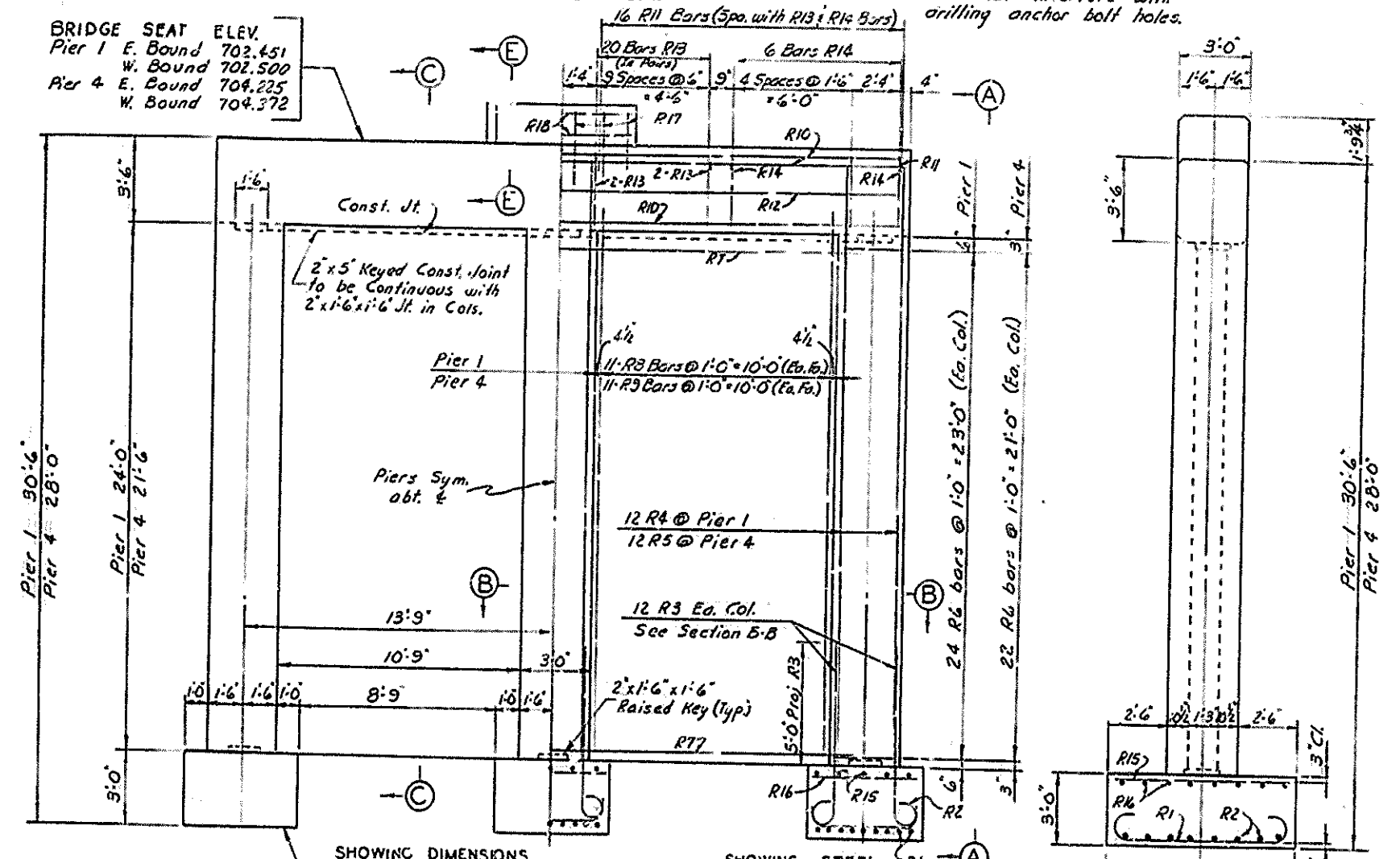
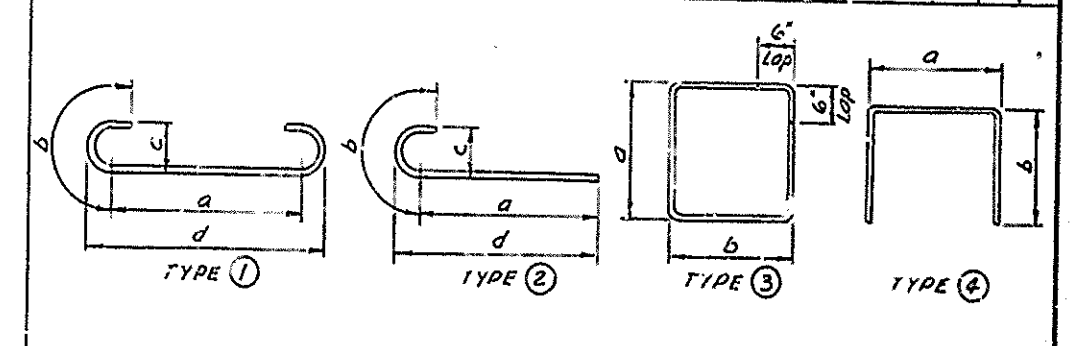
STATION 1713+90 PROJECT NO. I-64

PROJECT NO. I-6

BENT NO. 1 - E.B., W.B.



BILL OF REINFORCEMENT									
Mark	Type	Number	Size	Length	Location	O	b	c	d
R1	(1)	24	24	4	9	2			
R2	(1)	24	24	5	11				
R3	(2)	36	36	7	8	5			
R4	Str.	36		7	26	6			
R5	Str.	36		7	24	0			
R6	(3)	72	66	4	11	5			
R7	Str.	48	44	5	27	2			
R8	Str.	44		5	25	3			
R9	Str.	44		5	22	9			
R10	Str.	15	15	9	30	0			
R11	(4)	32	32	4	3	6			
R12	Str.	2	2	6	30	0			
R13	(3)	40	40	5	11	0			
R14	(3)	12	12	5	12	5			
R15	Str.	15	15	5	7	8			
R16	Str.	24	24	5	4	8			
R17	(4)	6	6	5	6	6			
R18	Str.	6	6	5	5	6			



ESTIMATE OF QUANTITIES			
		Pier #1	Pier #4
EASTBOUND STRUCTURE	Concrete - Class "A"	74.3 C.Y.	63.3 C.Y.
	Reinforcement	8750 Lbs.	8232 Lbs.
WESTBOUND STRUCTURE	Concrete - Class "A"	74.3 C.Y.	63.3 C.Y.
	Reinforcement	8750 Lbs.	8232 Lbs.

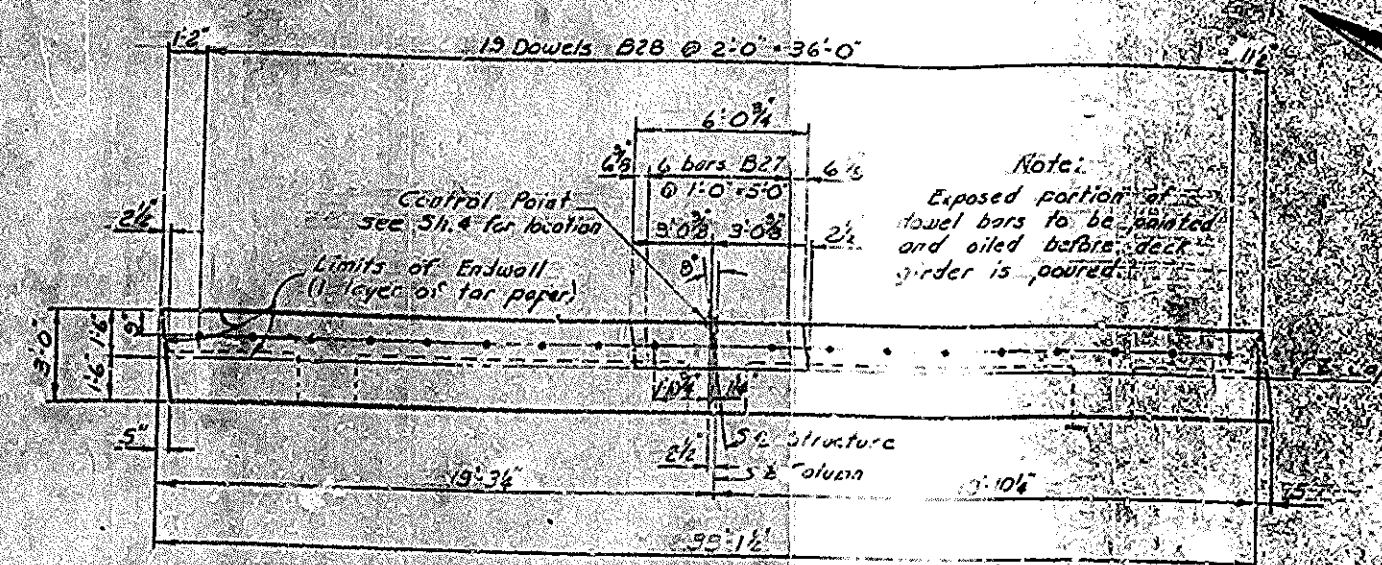
164 OVER SLATE CREEK SHEET 6 OF 14

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

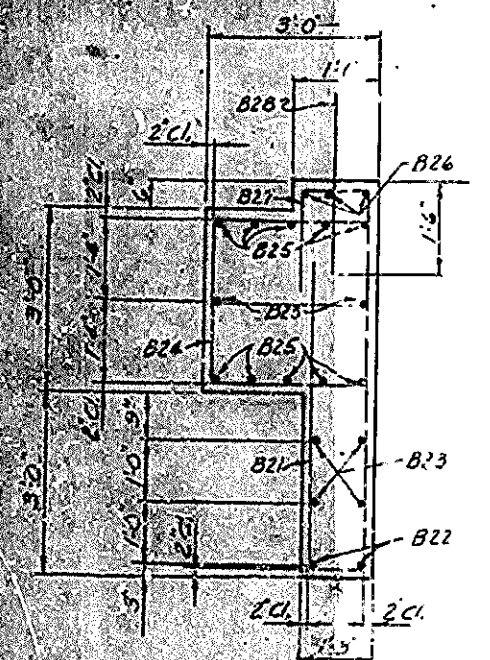
STATION 1713+90 PROJECT NO. 1-64

BRIDGE NUMBER DRAWING NO. 15966

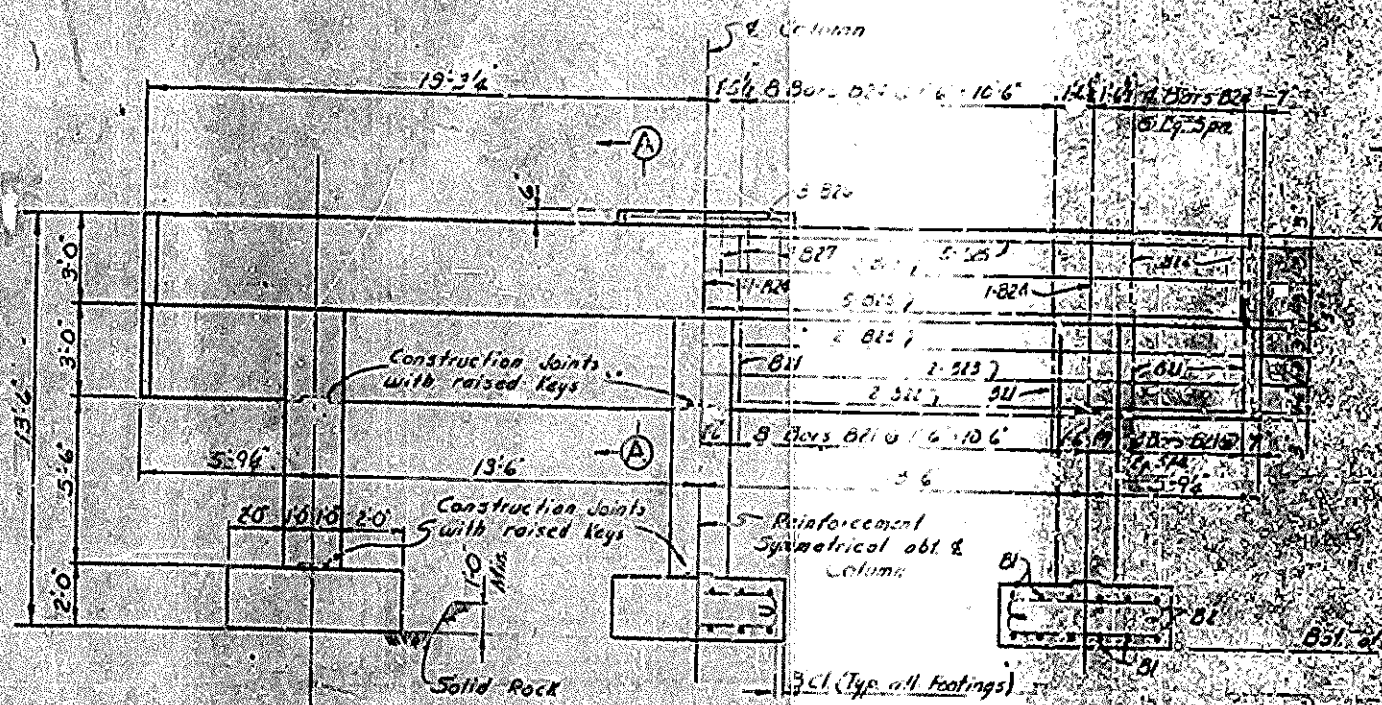
PIER 1 OR PIER 4 DETAILS



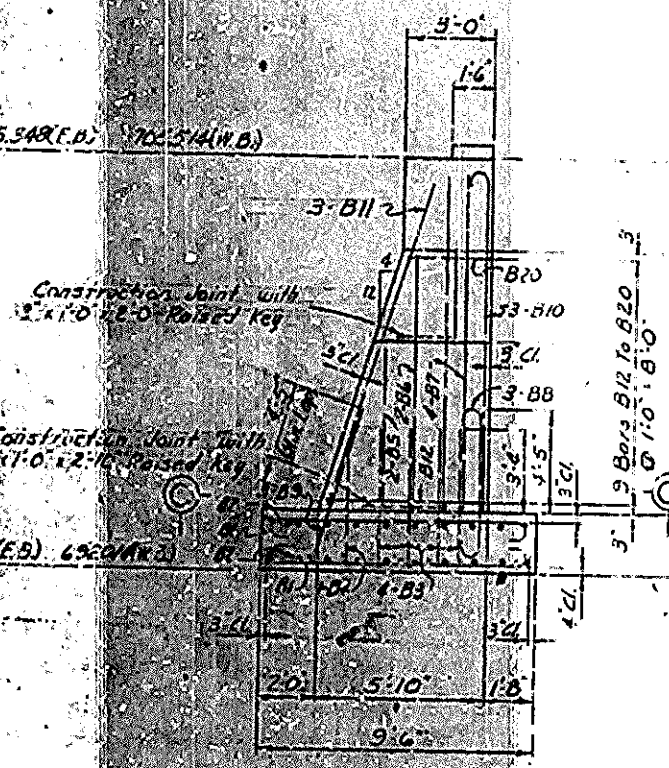
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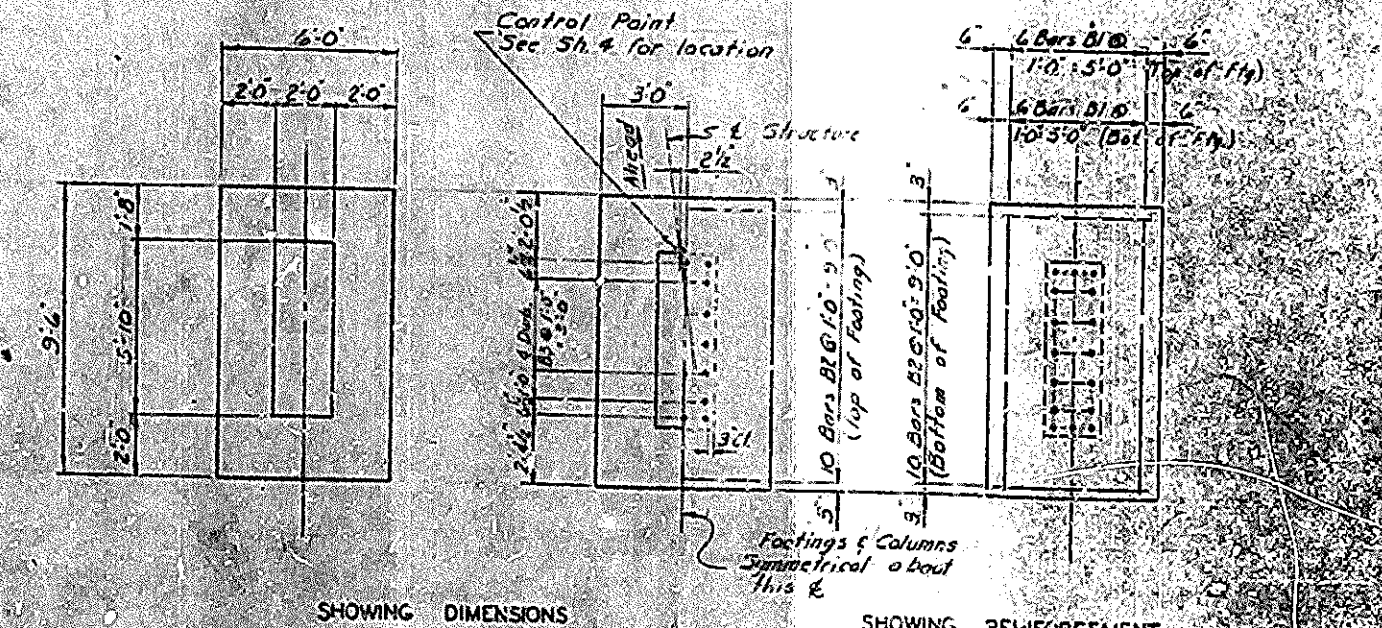
SECTION A - A



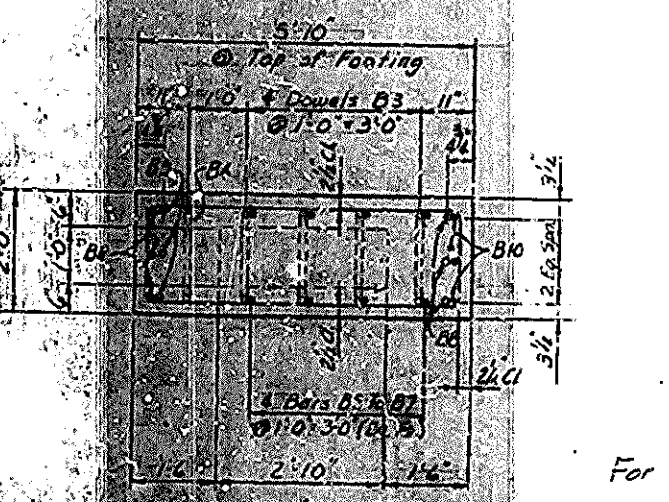
ELEVATION



ELEVATION B - B



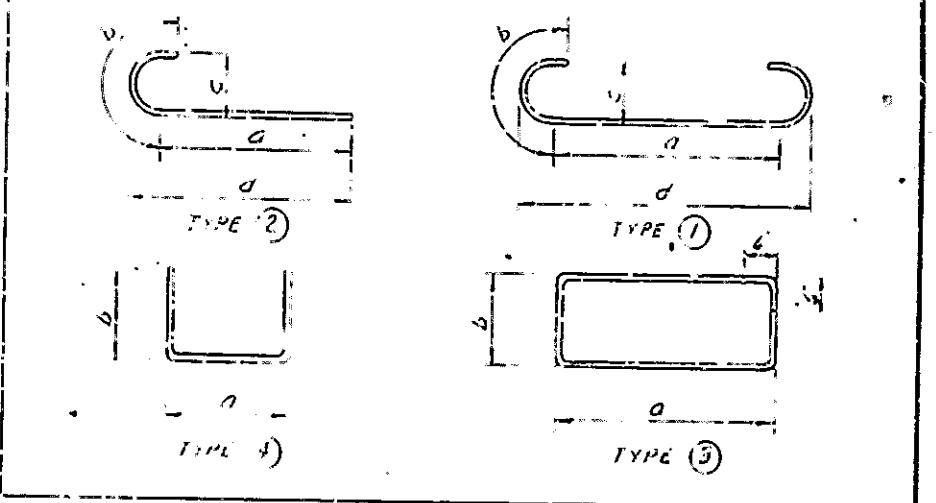
FOOTING PLAN



SECTION C - C

*BILL OF REINFORCEMENT														
Item	Type	Qty	Length	Location	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches
B1	1	36	3	Footings	6	7	0	10	0	5	9	0		
B2	1	60	2	Footings	5	1	0	10	0	5	9	0		
B3	1	12	4	Dowels	1	6	5	0						
B4	1	3	2	Dowels	1	6	5	0						
B5	1	3	2	Dowels	1	6	5	0						
B6	1	3	2	Dowels	1	6	5	0						
B7	1	12	4	Column	5	7	1	6	0	10	6	0		
B8	1	3	2	Dowels	1	6	5	0						
B9	1	3	2	Dowels	1	6	5	0						
B10	1	3	2	Dowels	1	6	5	0						
B11	1	3	2	Dowels	1	6	5	0						
B12	1	3	2	Dowels	1	6	5	0						
B13	1	3	2	Dowels	1	6	5	0						
B14	1	3	2	Dowels	1	6	5	0						
B15	1	3	2	Dowels	1	6	5	0						
B16	1	3	2	Dowels	1	6	5	0						
B17	1	3	2	Dowels	1	6	5	0						
B18	1	3	2	Dowels	1	6	5	0						
B19	1	3	2	Dowels	1	6	5	0						
B20	1	3	2	Dowels	1	6	5	0						
B21	1	3	2	Dowels	1	6	5	0						
B22	1	3	2	Dowels	1	6	5	0						
B23	1	3	2	Dowels	1	6	5	0						
B24	1	3	2	Dowels	1	6	5	0						
B25	1	3	2	Dowels	1	6	5	0						
B26	1	3	2	Dowels	1	6	5	0						
B27	1	3	2	Dowels	1	6	5	0						
B28	1	3	2	Dowels	1	6	5	0						
B29	1	3	2	Dowels	1	6	5	0						
B30	1	3	2	Dowels	1	6	5	0						
B31	1	3	2	Dowels	1	6	5	0						
B32	1	3	2	Dowels	1	6	5	0						
B33	1	3	2	Dowels	1	6	5	0						
B34	1	3	2	Dowels	1	6	5	0						
B35	1	3	2	Dowels	1	6	5	0						
B36	1	3	2	Dowels	1	6	5	0						
B37	1	3	2	Dowels	1	6	5	0						
B38	1	3	2	Dowels	1	6	5	0						
B39	1	3	2	Dowels	1	6	5	0						
B40	1	3	2	Dowels	1	6	5	0						
B41	1	3	2	Dowels	1	6	5	0						
B42	1	3	2	Dowels	1	6	5	0						
B43	1	3	2	Dowels	1	6	5	0						
B44	1	3	2	Dowels	1	6	5	0						
B45	1	3	2	Dowels	1	6	5	0						
B46	1	3	2	Dowels	1	6	5	0						
B47	1	3	2	Dowels	1	6	5	0						
B48	1	3	2	Dowels	1	6	5	0						
B49	1	3	2	Dowels	1	6	5	0						
B50	1	3	2	Dowels	1	6	5	0						
B51	1	3	2	Dowels	1	6	5	0						
B52	1	3	2	Dowels	1	6	5	0						
B53	1	3	2	Dowels	1	6	5	0						
B54	1	3	2	Dowels	1	6	5	0						
B55	1	3	2	Dowels	1	6	5	0						
B56	1	3	2	Dowels	1	6	5	0						
B57	1	3	2	Dowels	1	6	5	0						
B58	1	3	2	Dowels	1	6	5	0						
B59	1	3	2	Dowels	1	6	5	0						
B60	1	3	2	Dowels	1	6	5	0						
B61	1	3	2	Dowels	1	6	5	0						
B62	1	3	2	Dowels	1	6	5	0						
B63	1	3	2	Dowels	1	6	5	0						
B64	1	3	2	Dowels	1	6	5	0						
B65	1	3	2	Dowels	1	6	5	0						
B66	1	3	2	Dowels	1	6	5	0						
B67	1	3	2	Dowels	1	6	5	0						
B68	1	3	2	Dowels	1	6	5	0						
B69	1	3	2	Dowels	1	6	5	0						
B70	1	3	2	Dowels	1	6	5	0						
B71	1	3	2	Dowels	1	6	5	0						
B72	1	3	2	Dowels	1	6	5	0						
B73	1	3	2	Dowels	1	6	5	0						
B74	1	3	2	Dowels	1	6	5	0						
B75	1	3	2	Dowels	1	6	5	0						
B76	1	3	2	Dowels	1	6	5	0						
B77	1	3	2	Dowels	1	6	5	0						
B78	1	3	2	Dowels	1	6	5	0						
B79	1	3	2	Dowels	1	6	5	0						
B80	1	3	2	Dowels	1	6	5	0						
B81	1	3	2	Dowels	1	6	5	0						
B82	1	3	2	Dowels	1	6	5	0						
B83	1	3	2	Dowels	1	6	5	0						
B84	1	3	2	Dowels	1	6	5	0						
B85	1	3	2	Dowels	1	6	5	0						
B86	1	3	2	Dowels	1	6	5	0						
B87	1	3	2	Dowels	1	6	5	0						
B88	1	3	2	Dowels	1	6	5	0						
B89	1	3	2	Dowels	1	6	5	0						
B90	1	3	2	Dowels	1	6	5	0						
B91	1	3	2	Dowels	1	6	5	0						
B92	1	3	2	Dowels	1	6	5	0						
B93	1	3	2	Dowels	1	6	5	0						
B94	1	3	2	Dowels	1	6	5	0						
B95	1	3	2	Dowels	1	6	5	0						
B96	1	3	2	Dowels	1	6	5	0						
B97	1	3	2	Dowels	1	6	5	0						
B98	1	3	2	Dowels	1	6	5	0						
B99	1	3	2	Dowels	1	6	5	0						
B100	1	3	2	Dowels	1	6	5	0						

* Bill of Reinforcement shown for Abut. 2 E.B. Abut. 2 W.B. Same.



ESTIMATE OF QUANTITIES		
ITEM	ABUT. 2 (E.B.)	ABUT. 2 (W.B.)
Concrete - Class "A"	385 C.Y.	385 C.Y.
Reinforcement	4632 Lbs.	4632 Lbs.

VOID
For details of Part No 2 E.B. and W.B. see Sheet 8 (Revised 6-66) and Sheet 8A.

ABUTMENT NO. 2 E.B. OR W.B. DETAILS

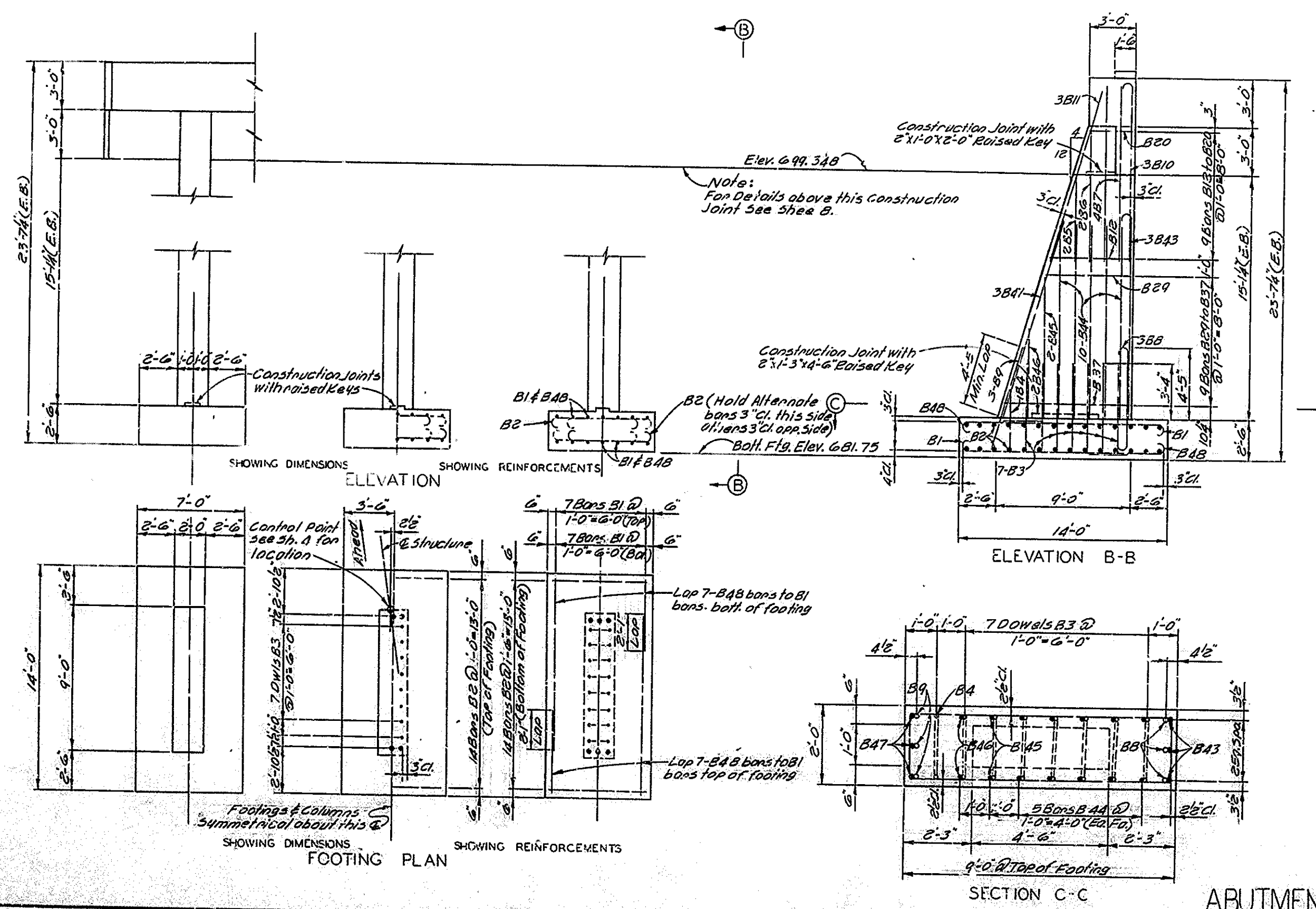
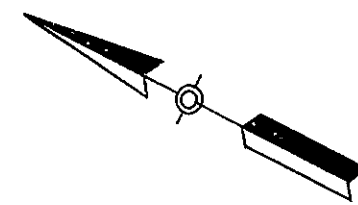
164 OVER SLATE CREEK SHEET 8 OF 14

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

STATION 1713 + 90 PROJECT NO. 164

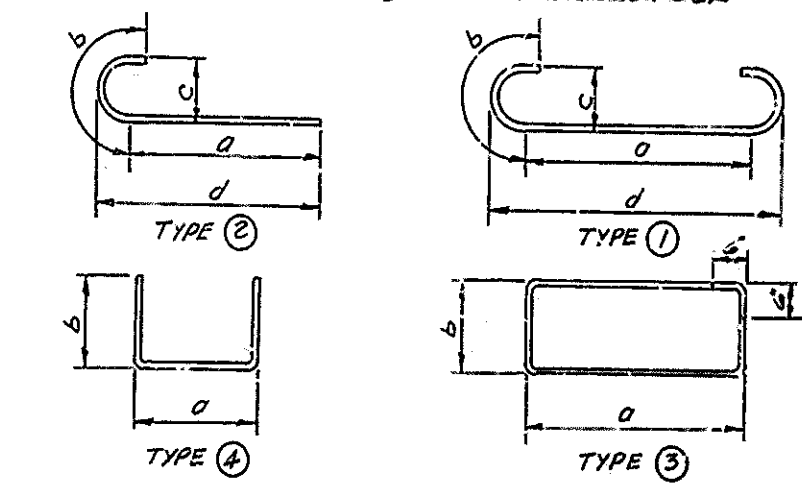
BRIDGE NUMBER NO. 15966

BRIDGE



* *BILL OF REINFORCEMENT									
NO.	TYPE	NO.	Length Feet	Location	0	b	c	d	
B1	①	12	5 10 3	Footings	8	7	0	10	0 5 9 0
B2	①	36	5 6 9	Footings	5	1	0	10	0 5 5 6
B3	①	15	6 11 3	Downs	1	6	5	10	
B29	③	6	5 15 3	Column Ties	5	8	1	7	
B30	③	6	5 15 11	"	6	0	1	7	
B31	③	6	5 16 7	"	6	4	1	7	
B32	③	6	5 17 3	"	6	8	1	7	
B33	③	6	5 17 11	"	7	0	1	7	
B34	③	6	5 18 7	"	7	4	1	7	
B35	③	3	5 19 3	"	7	8	1	7	
B36	③	3	5 19 11	"	8	0	1	7	
B37	③	3	5 20 7	"	8	4	1	7	
B38	②	42	5 5 3	Footings	4	5	0	10	0 5 4 7 1/2
B39	②	9	8 12 0	Column	10	6	1	6	0 10 10 11
B40	Str.	30	6 9 10	"					
B41	Str.	6	6 5 6	"					
B42	Str.	9	8 10 11	"					
B43	②	9	8 15 0	"	13	6	1	6	0 10 13 11
B44	Str.	30	6 12 11	"					
B45	Str.	6	6 8 6	"					
B46	Str.	6	6 5 6	"					
B47	Str.	9	8 14 0	"					
B48	②	42	5 7 3	Footings	6	5	0	10	0 5 4 7 1/2

* * Addition reinforcing (for both the E.B. & W.B. abutments) required to lower footing elevation to solid rock



ESTIMATE OF QUANTITIES	
ITEM	AMOUNT
Concrete - Class "A"	68.8 (335) cu yd
Reinforcement	7244 (2630) lbs

Work this sheet with sheet 1198

1:64 OVER SLATE CREEK SHEET 8A OF 14

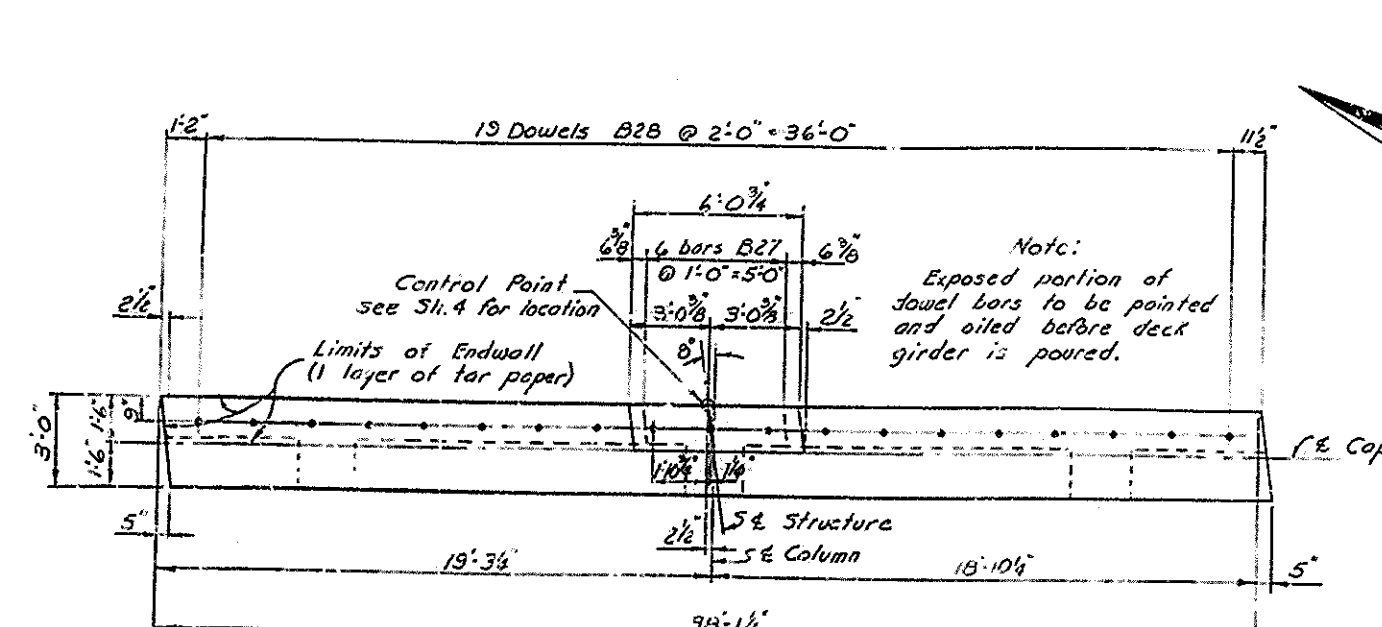
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF

BATH
LOUISVILLE - CATLETTSBURG
ROAD

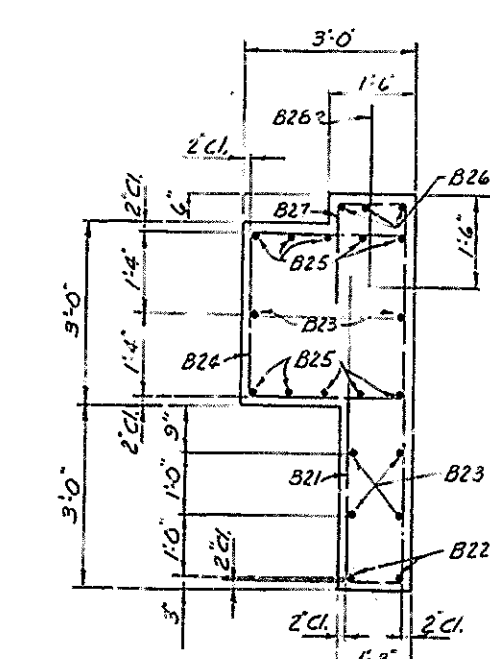
STATION 1713+80 PROJECT NO. 1-64

BRIDGE NUMBER 15966

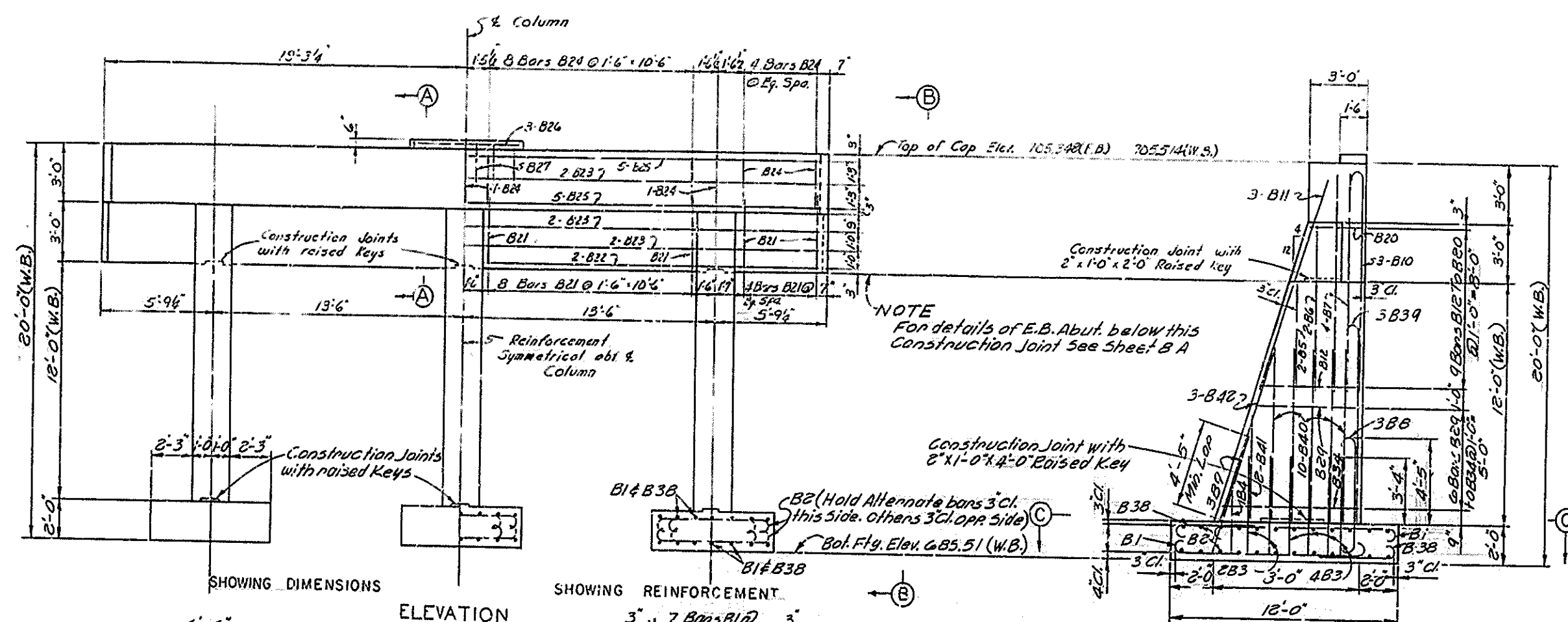
ABUTMENT NO. 2 E.B. DETAILS



PLAN OF CAP

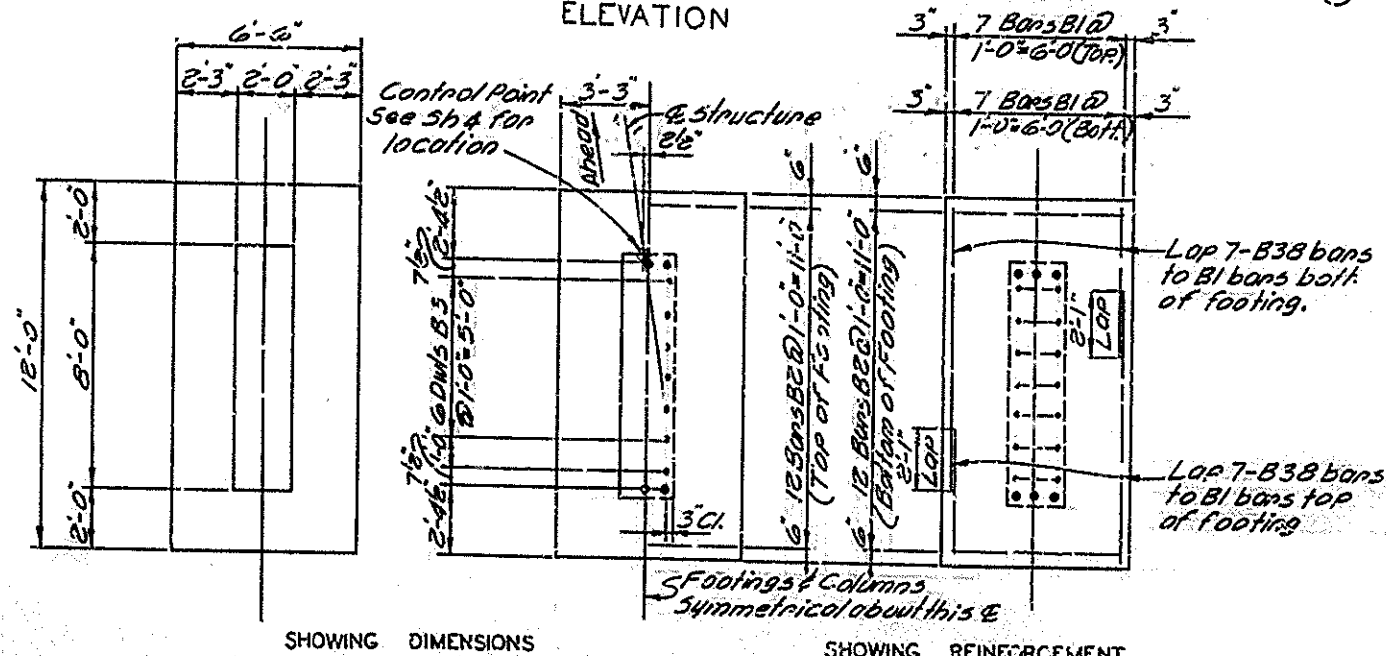


SECTION A-A



ELEVATION

ELEVATION B-B

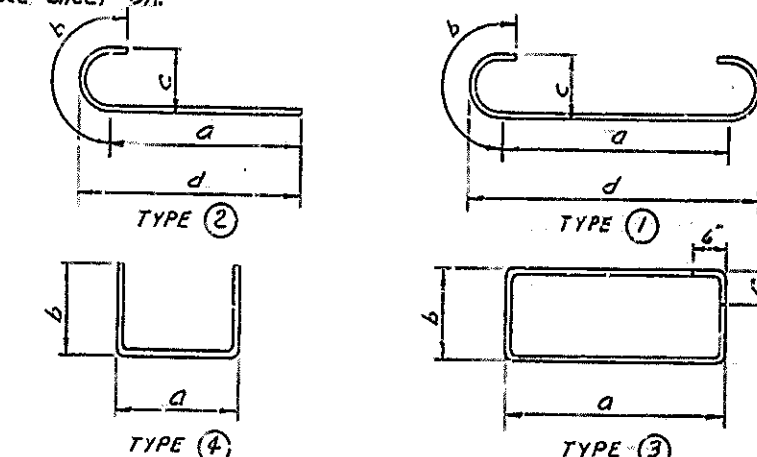


FOOTING PLAN

(W.B. Shown For Details of E.B. Structure See 5h.8A)

Work	Type	No.	Size	Length	Location	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.
B1	(1)	36	5	10	3	Footings	8	7	0	10	0	5	3	0	0
B2	(1)	60	5	6	9	Footings	5	1	0	10	0	5	5	6	0
B3	(4)	12	6	11	3	Dowels	1	6	5	0	0	5	5	6	0
B4	(6)	3	6	8	9	Dowels	1	6	5	0	0	5	5	6	0
B5	Str.	6	6	5	3	Column	1	6	5	0	0	5	5	6	0
B6	Str.	6	6	8	3	Column	1	6	5	0	0	5	5	6	0
B7	Str.	12	6	11	0	Column	1	6	5	0	0	5	5	6	0
B8	(1)	9	8	8	2	Dowels	5	2	1	6	0	10	6	0	0
B9	Str.	9	8	6	0	Dowels	5	2	1	6	0	10	6	0	0
B10	(2)	9	8	12	1	Column	10	7	1	6	0	10	11	0	0
B11	Str.	9	8	11	4	Column	10	7	1	6	0	10	11	0	0
B12	(3)	3	5	14	7	Column Ties	5	4	1	7	0	0	0	0	0
B13	(3)	3	5	13	11	"	5	4	1	7	0	0	0	0	0
B14	(3)	3	5	13	5	"	5	4	1	7	0	0	0	0	0
B15	(3)	3	5	12	7	"	4	8	1	7	0	0	0	0	0
B16	(3)	3	5	11	11	"	4	0	1	7	0	0	0	0	0
B17	(3)	3	5	11	3	"	3	8	1	7	0	0	0	0	0
B18	(3)	3	5	10	7	"	3	4	1	7	0	0	0	0	0
B19	(3)	3	5	9	11	"	3	0	1	7	0	0	0	0	0
B20	(3)	3	5	9	3	Column Ties	2	8	1	7	0	0	0	0	0
B21	(4)	12	4	10	9	Curtain Wall	0	11	5	0	0	0	0	0	0
B22	Str.	2	8	37	9	Curtain Wall	0	11	5	0	0	0	0	0	0
B23	Str.	6	6	37	9	Cap & Curtain Wall	0	11	5	0	0	0	0	0	0
B24	(3)	27	4	11	5	Cap	2	8	2	8	0	0	0	0	0
B25	Str.	10	8	37	9	Cap	2	8	2	8	0	0	0	0	0
B26	Str.	3	5	5	8	Shear Key	1	2	1	8	0	0	0	0	0
B27	(4)	6	4	4	4	Shear Key	1	2	1	8	0	0	0	0	0
B28	Str.	19	5	3	0	Dowels	1	2	1	8	0	0	0	0	0

*Bill of Reinforcement shown for Abut. 2 E.B. Abut. 2 W.B. Same. For additional reinforcement required for Revised footing elevation see sheet 8A.



ITEM	ABUT. 2 (W.B.)
Concrete - Class 'A'	53.1 (38.5) C.Y.
Reinforcement	6,475 (4,630) Lbs.

WORK this sheet with sheet 8A

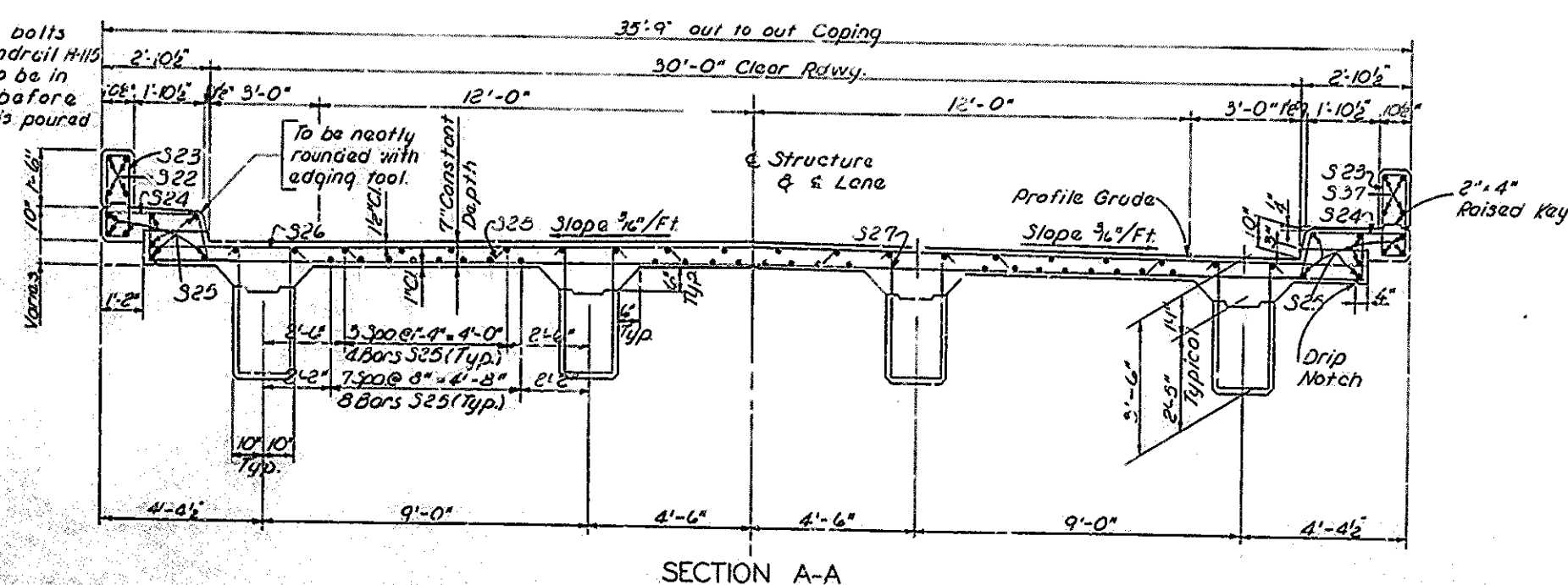
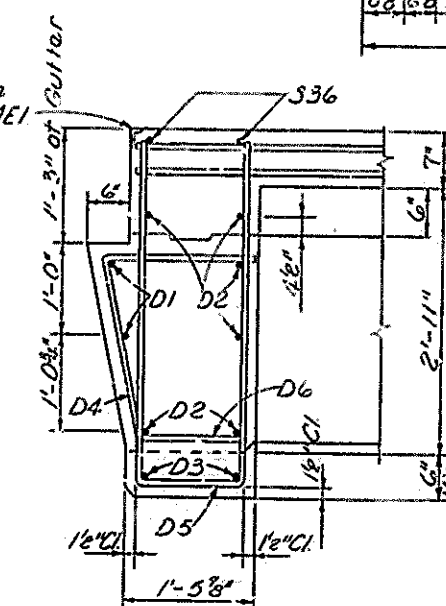
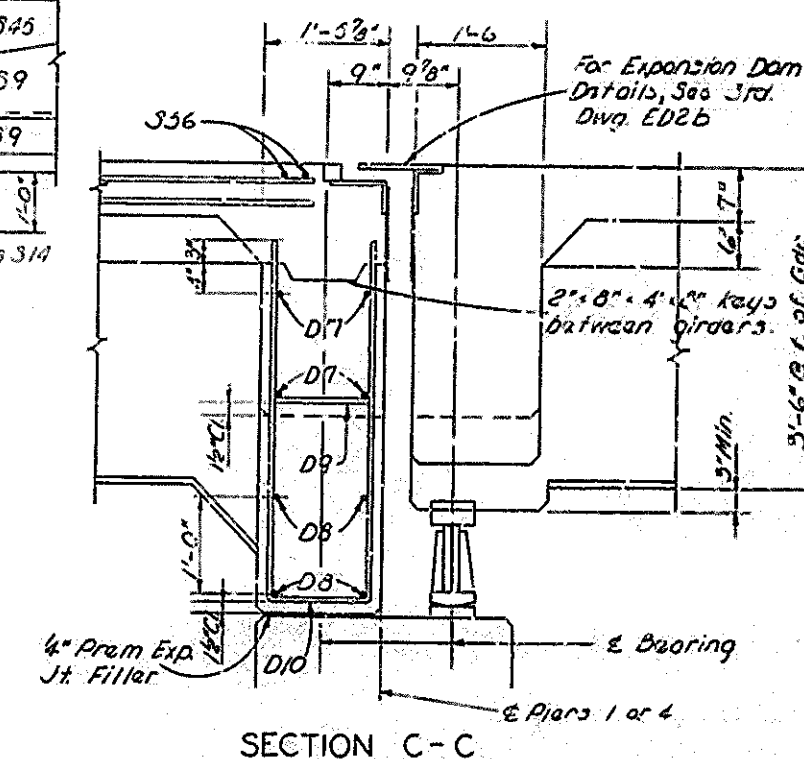
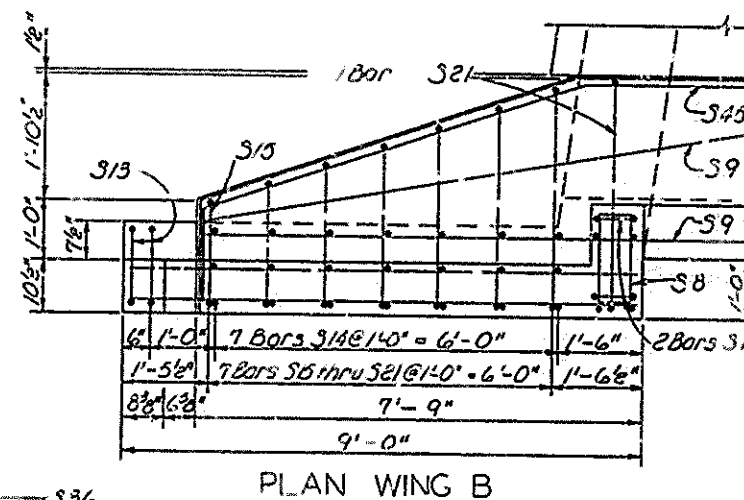
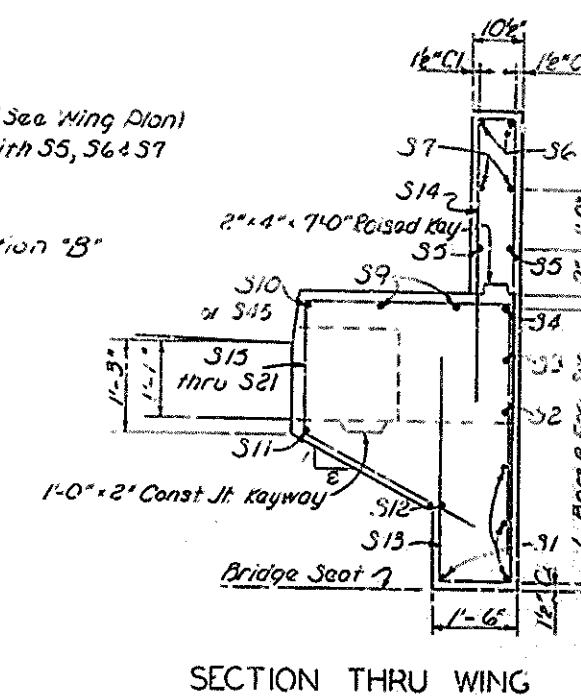
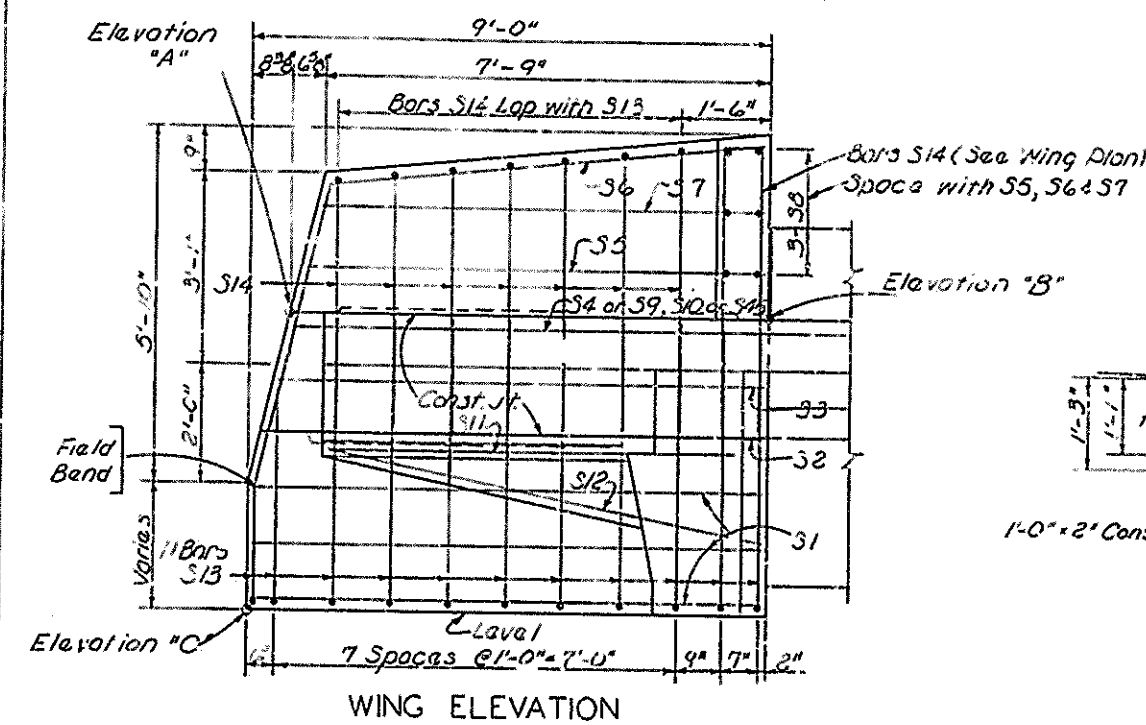
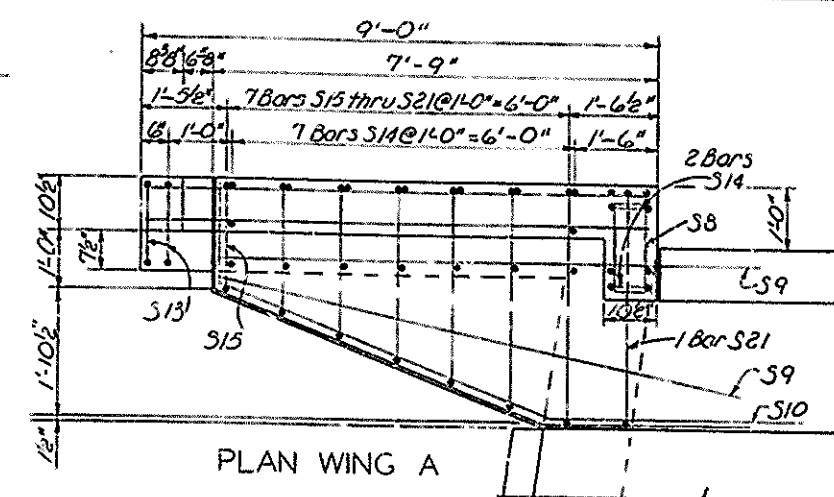
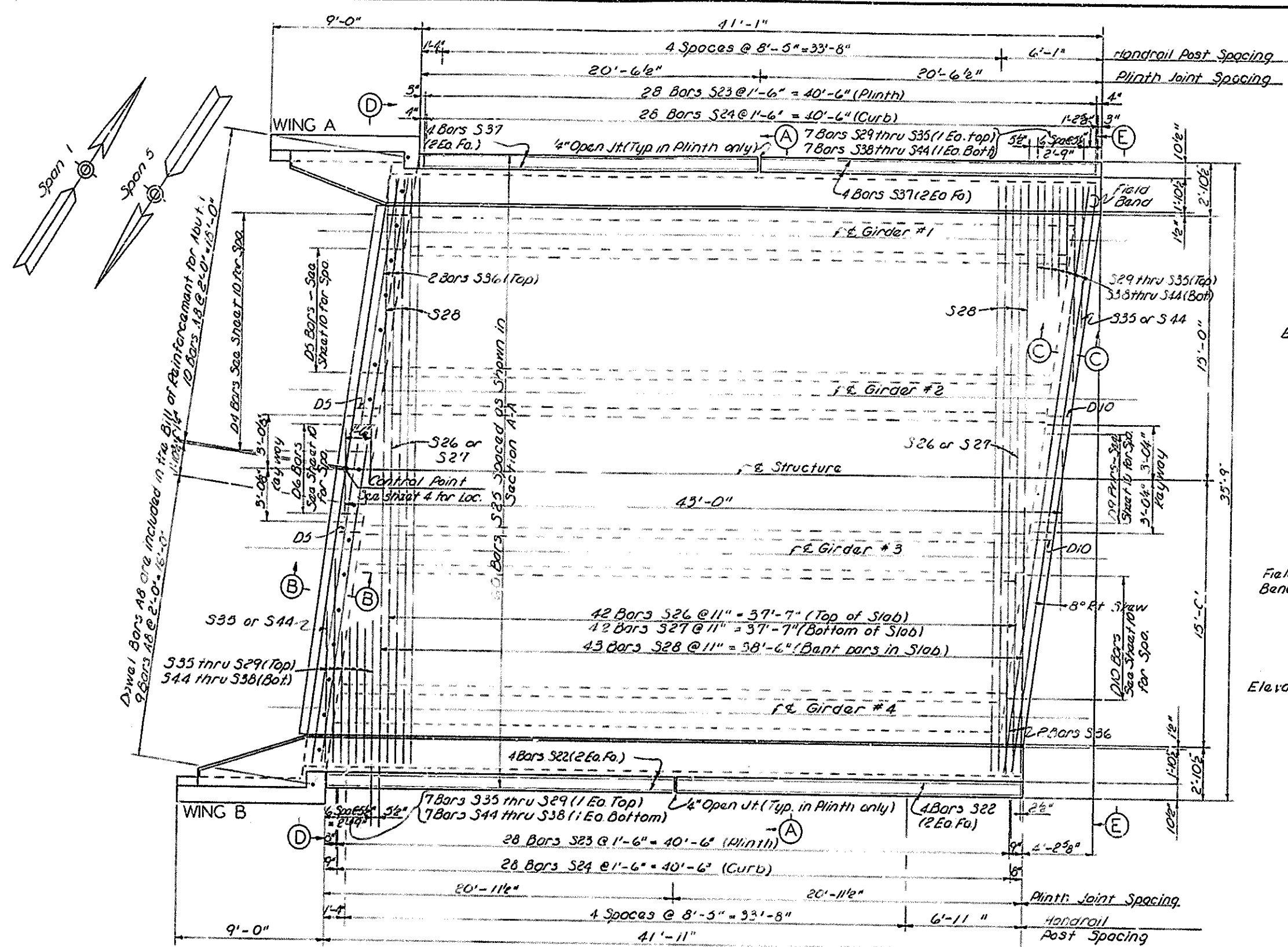
164 OVER SLATE CREEK SHEET 8B of 14

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
BATH
 LOUISVILLE - CATLETTSBURG
 ROAD

STATION 1713 + 90 PROJECT NO. 1 64

BRIDGE NUMBER DRAWING NO. 15966

ABUTMENT NO 2 W.B. DETAILS



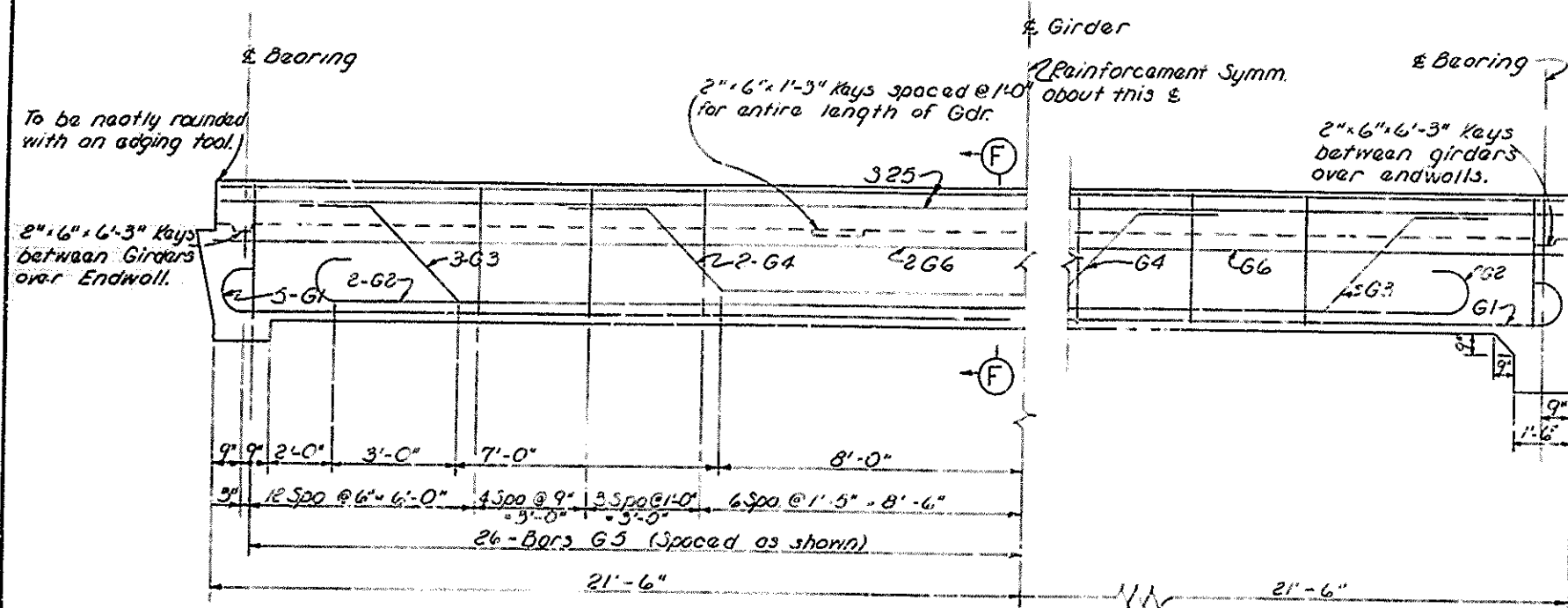
WING	ELEV. A		ELEV. B		ELEV. C	
	EB	WB	EB	WB	EB	WB
WING A SPAN 1	707.10	707.75	707.72	707.15	702.88	702
WING B SPAN 1	707.68	707.72	707.71	707.74	702.88	702
WING A SPAN 5	710.29	710.46	710.17	702.35	705.35	705
WING B SPAN 5	710.36	710.33	710.24	710.4	705.35	705

SPANS : 8 & 5 SUPERSTRUCTURE

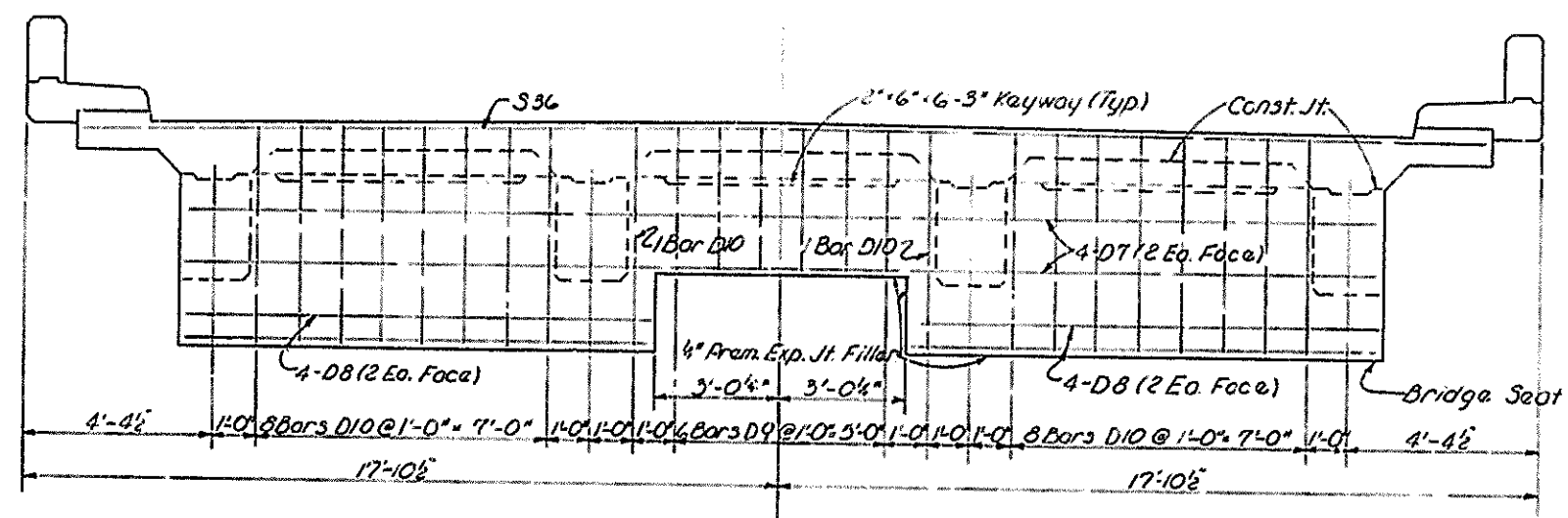
1-64 OVER SLATE CREEK SHEET 9 OF 1

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

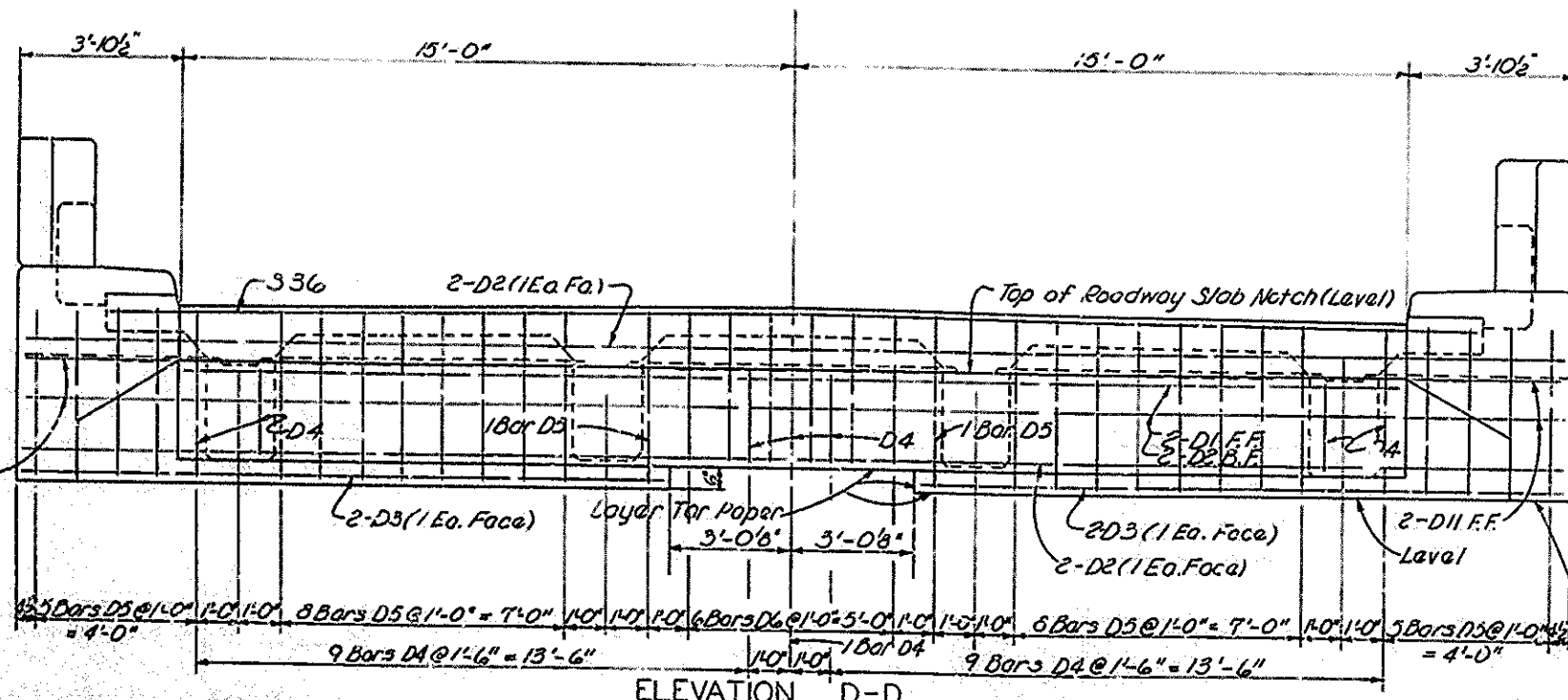
STATION 1713 + 90	PROJECT NO. 1-64	BRIDGE
BRIDGE	DRAWING	DATE
NUMBER	NO. 15025	



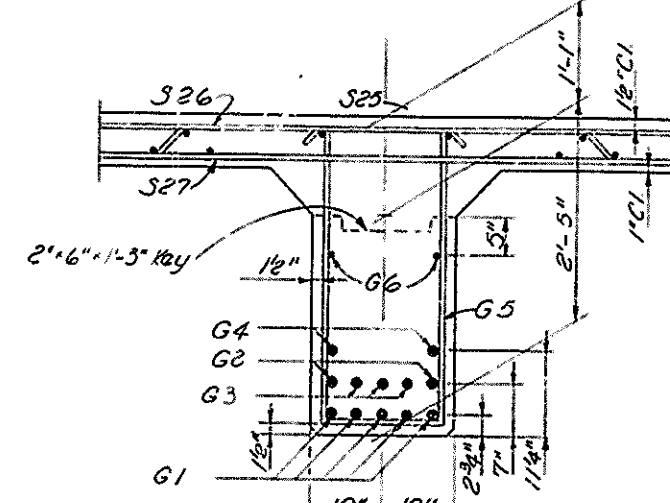
TYPICAL SECTION ON E OF ALL GIRDERS



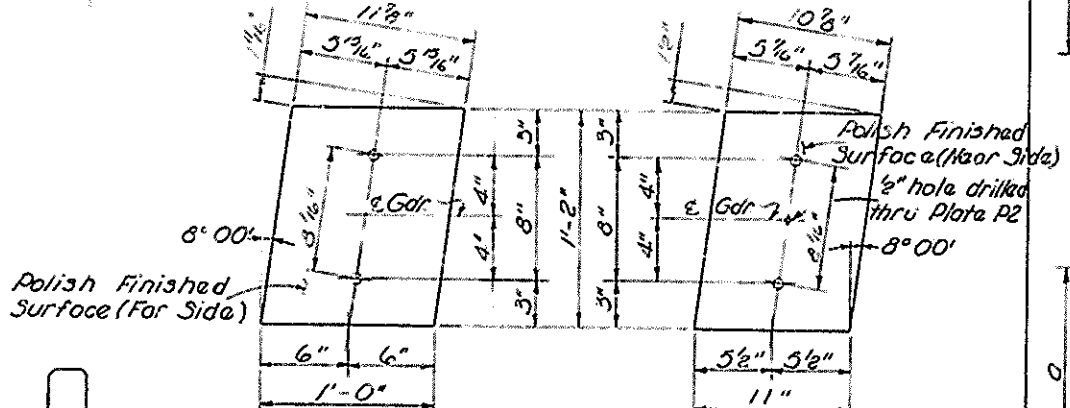
ELEVATION E-E



ELEVATION D-D



SECTION F-F



DETAILS OF BRONZE EXPANSION PLATES AT PIER NO. 1 & PIER NO. 4

ESTIMATE OF QUANTITIES

Span	Class "A" Concrete	Reinforcement
Span 1 W.B.	94.3 C.Y.	21,847 Lbs.
Span 1 E.B.	94.3 C.Y.	21,847 Lbs.
Span 5 W.B.	94.3 C.Y.	21,847 Lbs.
Span 5 E.B.	94.3 C.Y.	21,847 Lbs.

* Bill of Reinforcement shown for Span 1 Westbound, Span 1 Eastbound, Span 5 Westbound & Span 5 Eastbound Same.

PRO. SEAD SHEL.	DATE	PRO. ADP PRO. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				

BILL OF REINFORCEMENT *

TYPE ①

TYPE ②

TYPE ③

TYPE ④

MARK	TYPE	NO	SIZE	LENGTH FT IN	LOCATION	0		1		2		3		4	
						FT	IN	FT	IN	FT	IN	FT	IN	FT	IN
31	Str	8	6	8	Wing										
32	"	2	6	8	"										
33	"	2	6	8	"										
34	"	2	6	8	"										
35	"	4	5	7	"										
36	"	4	5	7	"										
37	Str	4	5	7	"										
38	"	6	5	5	"										
39	Str	4	8	9	"										
40	"	1	8	11	"										
41	Str	2	6	7	"										
42	Str	2	6	7	"										
43	"	22	6	10	"										
44	"	18	5	9	"										
45	"	2	5	8	"										
46	"	2	5	8	"										
47	"	2	5	8	"										
48	"	2	5	8	"										
49	"	2	5	8	"										
50	"	2	5	8	"										
51	"	2	5	8	"										
52	"	2	5	8	"										
53	"	2	5	8	"										
54	"	2	5	8	"										
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95	"	2	5	8	"										
96	"	2	5	8	"										
97	"	2	5	8	"										
98	"	2	5	8	"										
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100	"	2	5	8	"										

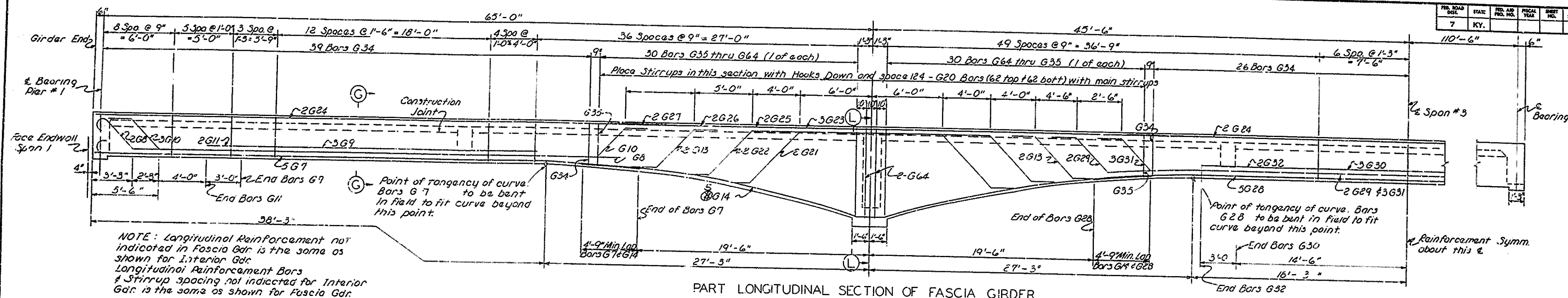
SPANS 1 & 5 SUPERSTRUCTURE

1-64 OVER SLATE CREEK SHEET 10 OF 14

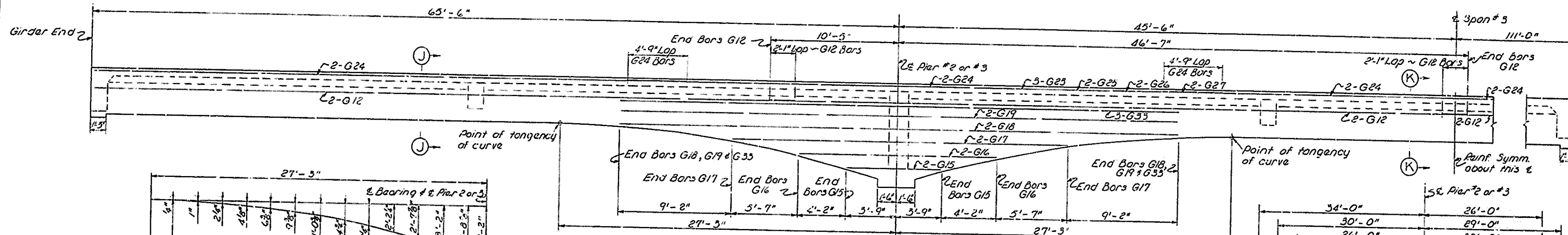
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

STATION 1713 + 90 PROJECT NO. 1-64

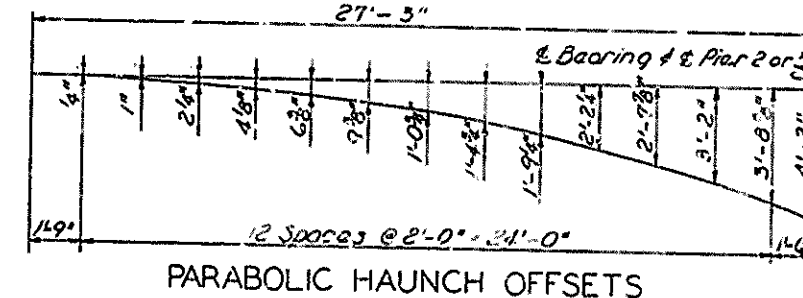
BRIDGE NUMBER DRAWING INDEX
NO. 15666



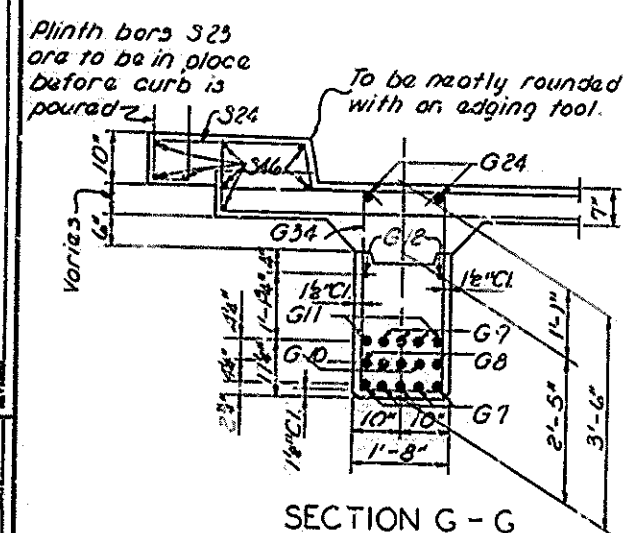
PART LONGITUDINAL SECTION OF FASCIA GIRDER



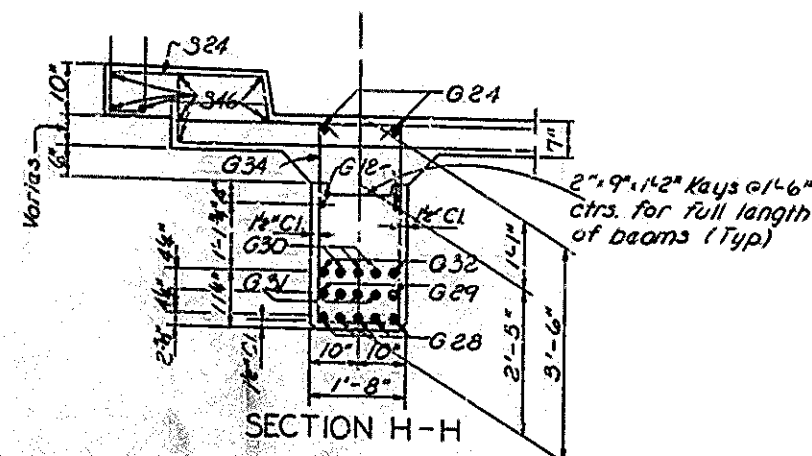
PART LONGITUDINAL SECTION OF INTERIOR GIRDER



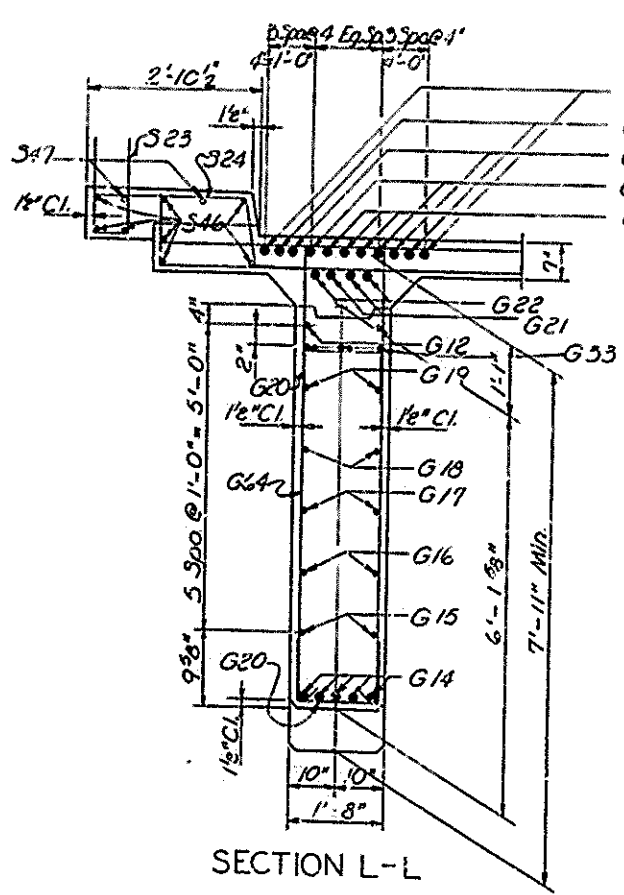
PARABOLIC HAUNCH OFFSETS



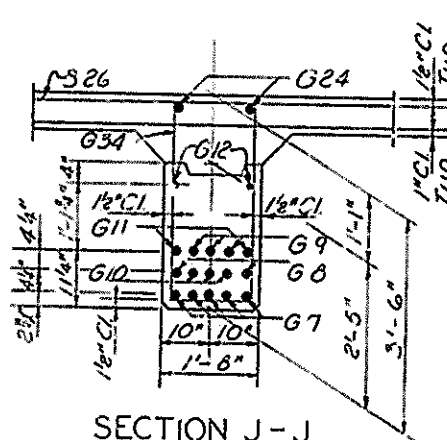
SECTION G-G



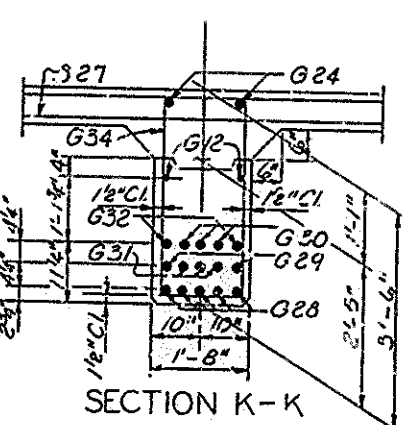
SECTION H-H



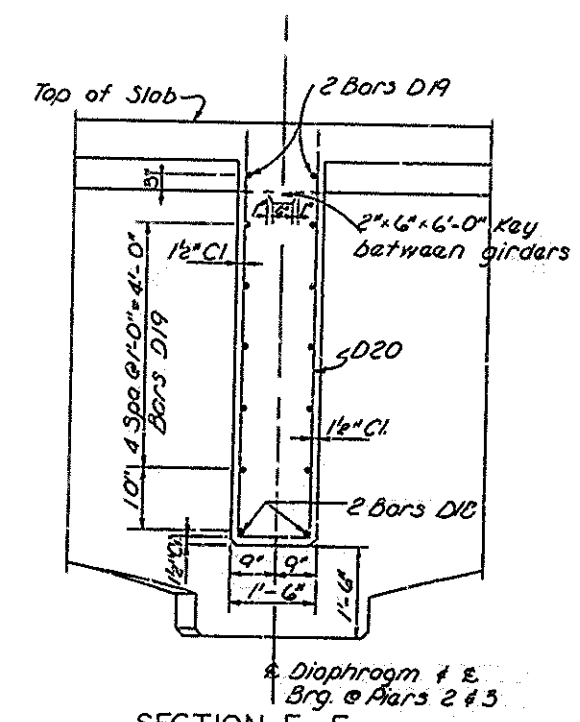
SECTION L-L



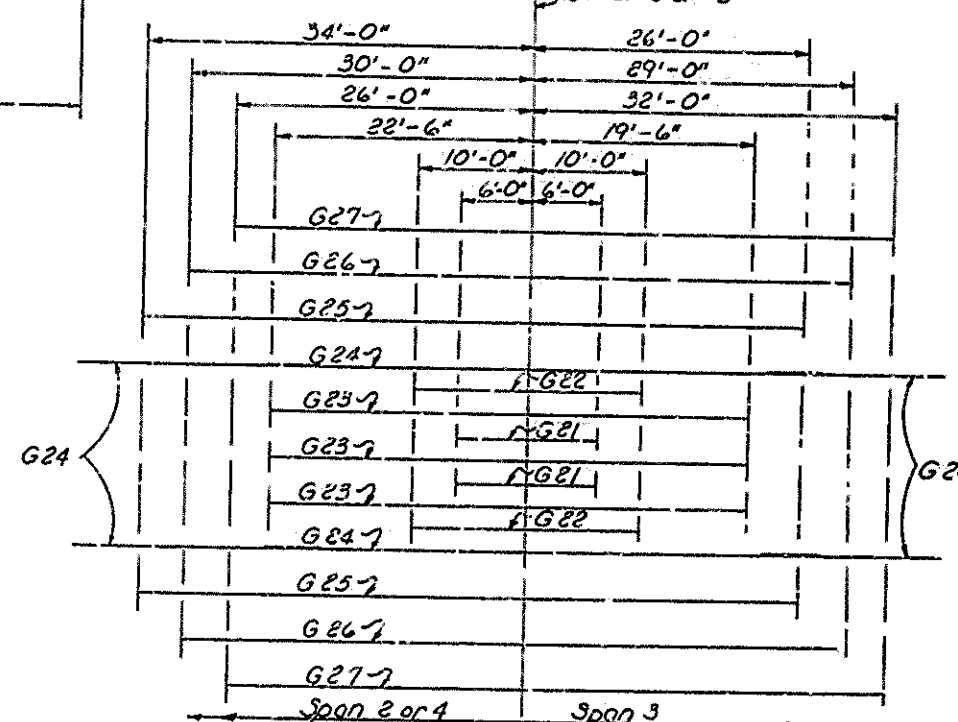
SECTION J-J



SECTION K-K



SECTION F-F



PLAN OF TOP ROW OF BARS OVER PIERS 2 & 3

SPANS 2,3 & 4-SUPERSTRUCTURE

#BILL OF REINFORCEMENT

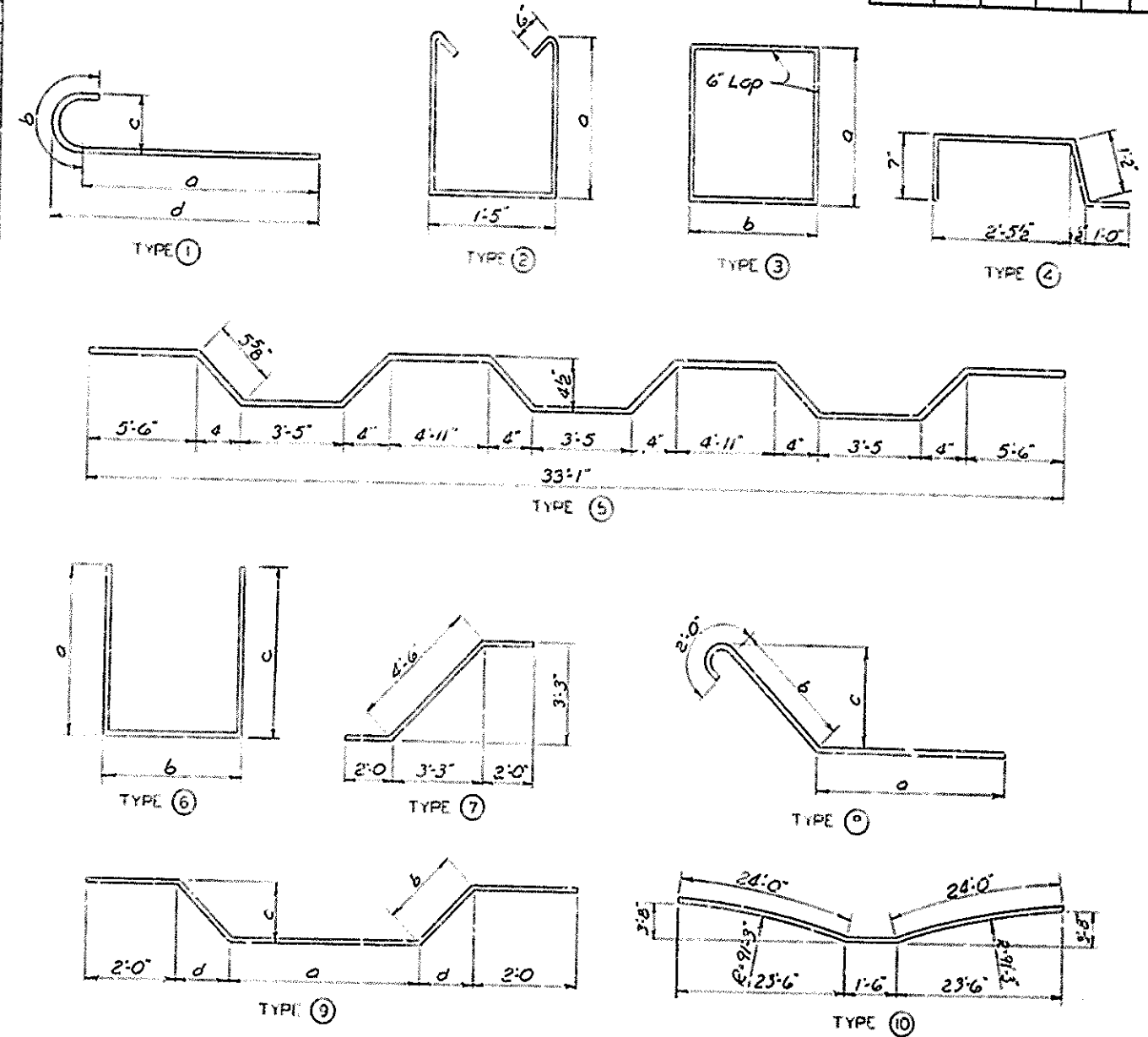
SPANS 2,3 & 4

MARK	TYPE	NUMBER	SIZE	LENGTH	LOCATION	FT	IN	FT	IN	FT	IN	FT	IN
S23	(3)	300	4	6	Plinth	2	1	0	7 1/2				
S24	(4)	300	5	5	Curb								
S25	Str.	238	5	33	Slab (Top)								
S26	(6)	238	5	35	Slab (Bottom)	1	2	33	2	1	2		
S27	(3)	237	5	33	Slab								
S36	Str.	6	5	33	Endwall (Top)								
S46	Str.	208	4	56	Curb & Slab								
S47	-	26	6	20	Curb & Top Slab over Piers								
S48	-	84	4	1	Const. Jr.								
S49	-	32	5	28	Const. Jr.								
S50	-	56	4	25	Plinth								
S51	Str.	16	4	22	Plinth								
D12	Str.	8	6	11	Endwall								
D13	(6)	12	5	4	Endwall Stirrups	1	8	1	3	1	8		
D14	(6)	36	5	5	Endwall Stirrups	2	2	1	3	2	2		
D15	Str.	48	5	10	Interior Diaphragm								
D16	Str.	24	6	10	Interior Diaphragm								
D17	(6)	84	5	5	Int. Diaph. Stirrups	2	3	1	0	2	3		
D18	Str.	4	6	28	Diaph. @ Piers								
D19	Str.	34	5	28	Diaph. @ Piers & Endwall								
D20	(6)	48	5	13	Diaph. @ Piers	6	2	1	3	6	2		
G7	(1)	40	11	47	All Girders Span 2 & 4	45	1	2	0	1	1 1/2	45	8
G8	(8)	16	11	46	"	41	3	3	2	2	6		
G9	Str.	24	11	22	"								
G10	(7)	24	11	47	"	37	0	3	5	2	5	2	5
G11	Str.	16	11	28	All Girders Span 2 & 4								
G12	Str.	32	5	37	All Girders								
G13	(7)	32	11	8	All Girders								
G14	(10)	40	11	49	Both All Gdrs @ Piers 2 & 3								
G15	Str.	16	5	7	All Gdrs @ Piers 2 & 3								
G16	-	16	5	15	"								
G17	-	16	5	27	"								
G18	-	16	5	45	"								
G19	Str.	16	5	45	"								
G20	(6)	992	4	3	"	1	0	1	5	1	0		
G21	(9)	16	11	27	"	12	0	5	9	4	0 1/2	4	0 1/2
G22	(9)	16	11	34	"	20	0	5	0	3	6 1/2	3	6 1/2
G23	Str.	24	11	42	"								
G24	-	40	11	48	"								
G25	-	16	11	65	"								
G26	-	16	11	59	"								
G27	-	16	11	58	"								
G28	Str.	20	11	52	All Gdrs @ Piers 2 & 3								
G29	(9)	8	11	60	Girders - Span 3	49	0	3	6	2	6	2	6
G30	Str.	12	11	29	"								
G31	(9)	12	11	35	"	44	0	3	6	2	6	2	6
G32	Str.	8	11	35	"								
G33	Str.	24	8	45	Girders - Span 3								
G34	(2)	516	5	8	Girders - Span 3								
G35	-	16	-	8	Girders - Span 3								
G36	-	16	-	8	Girders - Span 3								
G37	-	16	-	7	Girders - Span 3								
G38	-	16	-	9	Girders - Span 3								
G39	-	16	-	9	Girders - Span 3								
G40	-	16	-	7	Girders - Span 3								
G41	-	16	-	9	Girders - Span 3								
G42	-	16	-	9	Girders - Span 3								
G43	-	16	-	9	Girders - Span 3								
G44	-	16	-	9	Girders - Span 3								
G45	-	16	-	10	Girders - Span 3								
G46	-	16	-	10	Girders - Span 3								
G47	-	16	-	10	Girders - Span 3								
G48	-	16	-	10	Girders - Span 3								
G49	-	16	-	10	Girders - Span 3								
G50	-	16	-	11	Girders - Span 3								
G51	-	16	-	11	Girders - Span 3								
G52	-	16	-	11	Girders - Span 3								
G53	-	16	-	12	Girders - Span 3								
G54	-	16	-	12	Girders - Span 3								
G55	-	16	-	12	Girders - Span 3								
G56	-	16	-	12	Girders - Span 3								
G57	-	16	-	13	Girders - Span 3								
G58	-	16	-	13	Girders - Span 3								
G59	(2)	16	5	13	Girders - Span 3								

SPANS 2,3 & 4

MARK	TYPE	NUMBER	SIZE	LENGTH	LOCATION	FT	IN	FT	IN	FT	IN	FT	IN
G60	(2)	16	5	14	Girders Haunch Stirrups	6	0 1/2						
G61	-	16	-	14	"	6	2 1/2						
G62	-	16	-	15	"	6	5						
G63	-	16	-	15	"	6	10						
G64	(2)	32	5	16	Girders Haunch Stirrups	7	0 1/2						
S29	Str.	2	5	28	Slab (Top)								
S30	-	2	-	25	"								
S31	-	2	-	21	"								
S32	-	2	-	18	"								
S33	-	2	-	15	"								
S34	Str.	2	-	12	Slab (Top)								
S35	(6)	2	-	29	Slab (Bottom)	1	2	28	3	0	0		
S36	-	2	-	26	"	1	2	25	0	0	0		
S40	-	2	-	22	"	1	2	21	9	0	0		
S41	-	2	-	19	"	1	2	18	6	0	0		
S42	-	2	-	16	"	1	2	15	3	0	0		
S43	(6)	2	5	13	Slab (Bottom)	1	2	12	0	0	0		

*BILL OF REINFORCEMENT SHOWN FOR WESTBOUND STRUCTURE.
EASTBOUND STRUCTURE SAME.

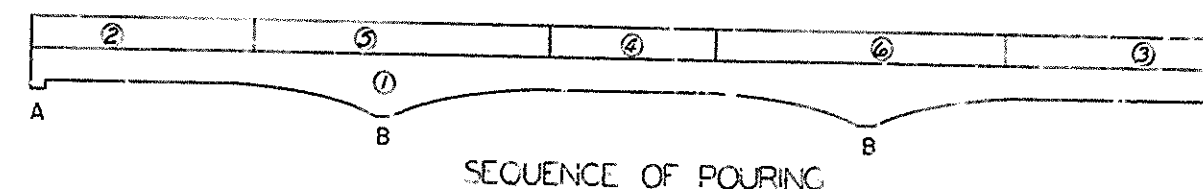
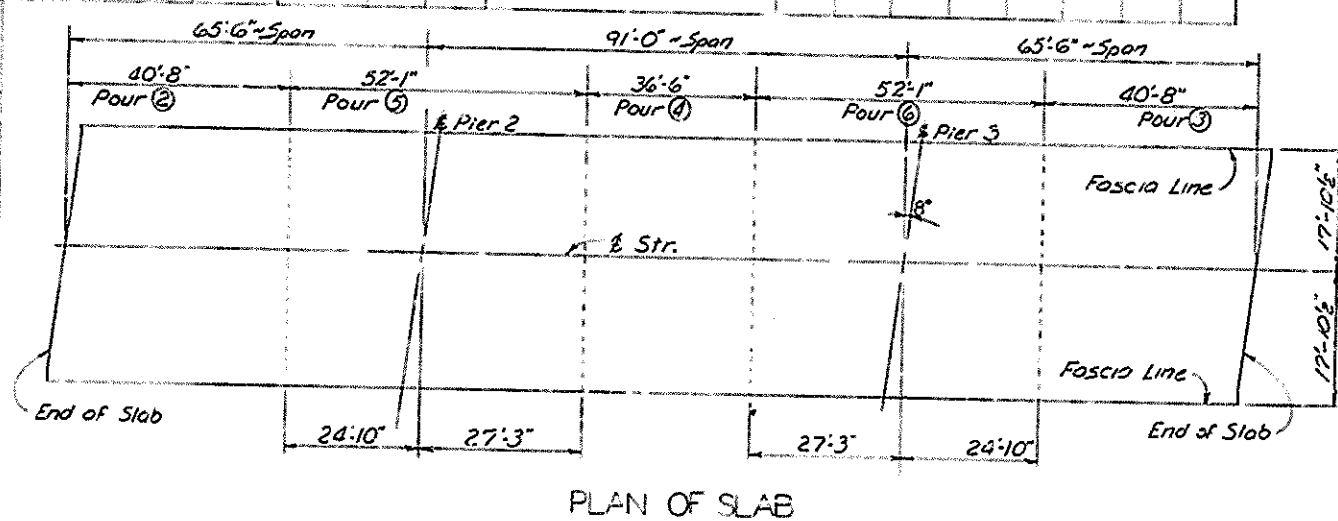


ESTIMATED WEIGHT OF STRUCTURAL STEEL (EACH STRUCTURE)

8 Shoes F100 @ Pier 1 & 4	2168#
4 Shoes F300 @ Pier 2	3288#
4 Shoes E300 @ Pier 3	3804#
Exp. Dam Assembly (A&C) (Pier 1 & 4)	5948#
Brackets	940#
Curb Plates	165#
Armored Edges	687#
TOTAL	17000#

ESTIMATE OF QUANTITIES

	SPANS 2,3 & 4	WESTBOUND	EASTBOUND
CONCRETE, CLASS "A"		459.4 C.Y.	459.4 C.Y.
REINFORCEMENT		148,991 Lbs.	151,618 Lbs.



NOTE: Pour Section I in one continuous operation in horizontal layers for each girder.

SPANS 2,3 & 4 - SUPERSTRUCTURE

I-64 OVER SLATE CREEK SHEET 13 OF 14

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
BATH
LOUISVILLE - CATLETTSBURG
ROAD

STATION 1713 + 90 PROJECT NO. I-64

BRIDGE NUMBER DRAWING NO. 15966

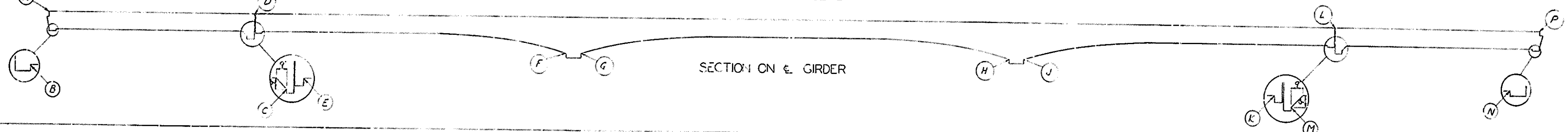
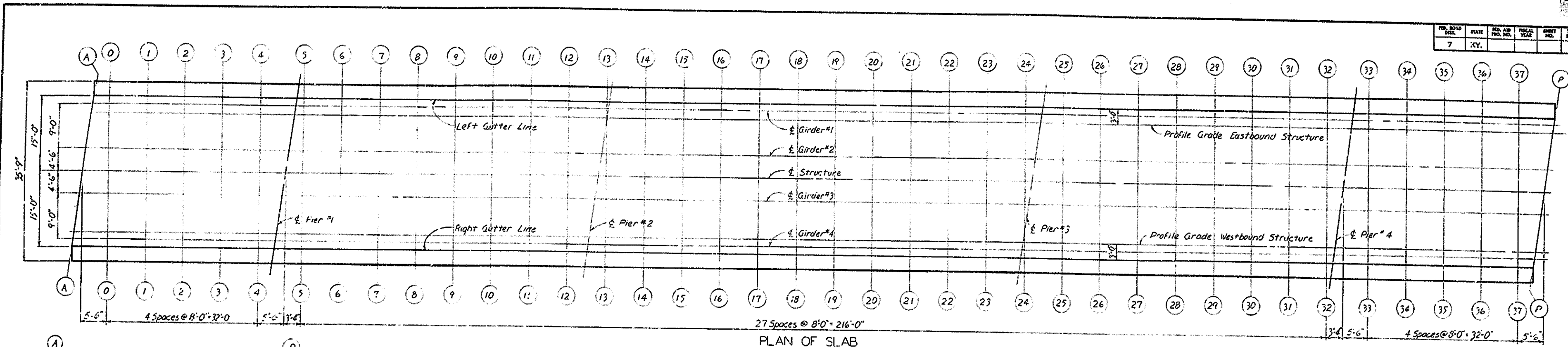


TABLE OF ELEVATIONS

LOCATION		SECTION																																						
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
WESTBOUND	Left Gutter Line (Top of Slab)	706.905	706.982	706.975	707.004	707.028	707.057	707.123	707.181	707.231	707.267	707.292	707.321	707.365	707.440	707.499	707.565	707.646	707.746	707.842	707.917	707.970	708.007	708.054	708.117	708.157	708.266	708.347	708.489	708.563	708.673	708.765	708.855	708.929	709.029	709.146	709.257	709.367	709.471	
	E Girder #1 (Bottom of Girder)	703.829	703.866	703.898	703.927	703.951	703.980	704.046	704.104	704.154	704.189	704.218	704.247	704.291	704.366	704.425	704.491	704.572	704.668	704.764	704.839	704.892	704.929	704.976	705.039	705.076	705.185	705.266	705.389	705.463	705.573	705.665	705.757	705.829	705.929	706.046	706.154	706.257	706.367	
	E Girder #2 (Top of Slab)	707.072	707.107	707.139	707.166	707.189	707.216	707.291	707.347	707.395	707.428	707.452	707.482	707.529	707.573	707.651	707.731	707.815	707.916	708.009	708.080	708.128	708.165	708.215	708.276	708.320	708.429	708.510	708.633	708.707	708.829	708.903	709.013	709.088	709.176	709.257	709.367	709.471	709.573	
	E Girder #2 (Bottom of Girder)	703.572	703.607	703.639	703.666	703.689	703.726	703.791	703.847	703.895	703.928	703.952	703.982	704.029	704.073	704.151	704.231	704.315	704.416	704.509	704.580	704.628	704.665	704.715	704.776	704.820	704.929	705.010	705.133	705.207	705.329	705.403	705.513	705.605	705.697	705.769	705.869	705.973	706.077	
	E Structure (Top of Slab)	707.119	707.155	707.186	707.213	707.235	707.263	707.339	707.395	707.441	707.473	707.497	707.528	707.576	707.613	707.701	707.779	707.865	707.966	708.057	708.126	708.172	708.209	708.261	708.320	708.376	708.479	708.560	708.683	708.757	708.879	708.953	709.063	709.138	709.257	709.367	709.471	709.573		
	E Girder #3 (Top of Slab)	707.074	707.109	707.139	707.165	707.187	707.213	707.291	707.347	707.395	707.428	707.452	707.482	707.529	707.573	707.651	707.731	707.815	707.916	708.009	708.080	708.128	708.165	708.215	708.276	708.320	708.429	708.510	708.633	708.707	708.829	708.903	709.013	709.088	709.176	709.257	709.367	709.471	709.573	
	E Girder #3 (Bottom of Girder)	703.574	703.609	703.639	703.665	703.687	703.713	703.791	703.847	703.895	703.928	703.952	703.982	704.029	704.073	704.151	704.231	704.315	704.416	704.509	704.580	704.628	704.665	704.715	704.776	704.820	704.929	705.010	705.133	705.207	705.329	705.403	705.513	705.605	705.697	705.769	705.869	705.973	706.077	
	E Girder #4 (Bottom of Girder)	703.436	703.469	703.498	703.523	703.544	703.566	703.642	703.698	703.744	703.776	703.800	703.830	703.877	703.921	704.000	704.079	704.163	704.254	704.345	704.436	704.527	704.618	704.709	704.799	704.890	704.981	705.072	705.163	705.254	705.345	705.436	705.527	705.618	705.709	705.800	705.891	705.982	706.073	
	Right Gutter Line (Top of Slab)	706.912	706.946	706.975	707.004	707.028	707.057	707.123	707.181	707.231	707.267	707.292	707.321	707.365	707.440	707.499	707.565	707.646	707.746	707.842	707.917	707.970	708.007	708.054	708.117	708.157	708.266	708.347	708.489	708.563	708.673	708.765	708.855	708.929	709.029	709.146	709.257	709.367	709.471	
EASTBOUND	Left Gutter Line (Top of Slab)	706.892	706.966	706.959	706.986	707.010	707.036	707.102	707.160	707.210	707.246	707.271	707.296	707.340	707.415	707.474	707.536	707.617	707.717	707.813	707.889	707.942	707.979	708.026	708.084	708.142	708.200	708.258	708.316	708.374	708.432	708.490	708.548	708.606	708.664	708.722	708.780	708.838	708.896	708.954
	E Girder #1 (Bottom of Girder)	703.396	703.429	703.458	703.483	703.509	703.529	703.589	703.646	703.702	703.751	703.787	703.811	703.841	703.916	703.975	704.037	704.102	704.170	704.239	704.308	704.376	704.444	704.512	704.580	704.648	704.716	704.784	704.852	704.920	704.988	705.056	705.124	705.192	705.260	705.328	705.396	705.464	705.532	
	E Girder #2 (Top of Slab)	707.039	707.071	707.099	707.123	707.148	707.175	707.236	707.281	707.325	707.369	707.413	707.457	707.501	707.545	707.589	707.633	707.677	707.721	707.765	707.809	707.853	707.897	707.941	707.985	708.029	708.073	708.117	708.161	708.205	708.249	708.293	708.337	708.381	708.425	708.469	708.513	708.557	708.601	
	E Girder #2 (Bottom of Girder)	703.519	703.571	703.577	703.623	703.642	703.675	703.736	703.781	703.825	703.869	703.913	703.957	704.001	704.045	704.089	704.133	704.177	704.221	704.265	704.309	704.353	704.397	704.441	704.485	704.529	704.573	704.617	704.661	704.705	704.749	704.793	704.837	704.881	704.925	704.969	705.013	705.057	705.101	
	E Structure (Top of Slab)	707.087	707.119	707.146	707.169	707.190	707.214	707.275	707.320	707.364	707.408	707.452	707.496	707.540	707.584	707.628	707.672	707.716	707.760	707.804	707.848	707.892	707.936	707.980	708.024	708.068	708.112	708.156	708.200	708.244	708.288	708.332	708.376	708.420	708.464	708.508	708.552	708.596	708.640	
	E Girder #3 (Top of Slab)	707.041	707.072	707.099	707.122	707.140	707.160	707.221	707.266	707.310	707.354	707.398	707.442	707.486	707.530	707.574	707.618	707.662	707.706	707.750	707.794	707.838	707.882	707.926	707.970	708.014	708.058	708.102	708.146	708.190	708.234	708.278	708.322	708.366	708.410	708.454	708.498	708.542	708.586	
	E Girder #3 (Bottom of Girder)	703.561	703.579	703.594	703.623	703.640	703.660	703.721	703.766	703.810	703.854	703.898	703.942	703.986	704.030	704.074	704.118	704.162	704.206	704.250	704.294	704.338	704.382	704.426	704.470	704.514	704.558	704.602	704.646	704.690	704.734	704.778	704.822	704.866	704.910	704.954	704.998	705.042		
	E Girder #4 (Bottom of Girder)	703.403	703.433	703.458	703.480	703.497	703.515	703.600	703.652	703.697	703.741	703.785	703.829	703.873	703.917	703.961	704.005	704.049	704.093	704.137	704.181	704.225	704.269	704.313	704.357	704.401	704.445	704.489	704.533	704.577	704.621	704.665	704.709	704.753	704.797	704.841	704.885	704.929	704.973	
	Right Gutter Line (Top of Slab)	706.879	706.907	706.935	706.956	706.979	707.001	707.062	707.118	707.174	707.230	707.286	707.342	707.398	707.454	707.510	707.566	707.622	707.678	707.734	707.790	707.846	707.902	707.958	708.014	708.070	708.126	708.182	708.238	708.294	708.350	708.406	708.462	708.518	708.574	708.630	708.686	708.742	708.798	708.854

LOCATION	SECTION															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P		
Left Gutter Line (Top of Slab)	706.891	---	---	707.050	---	---	---	---	---	---	---	---	---	---	707.567	---
E Girder #1 (Bottom of Girder)	---	703.418	702.816	---	703.280	702.817	702.353	701.883	701.413	700.943	700.473	700.003	700.533	701.063	701.593	---
E Girder #2 (Top of Slab)	707.051	---	---	707.267	---	---	---	---	---	---	---	---	---	---	707.718	---
E Girder #2 (Bottom of Girder)	---	703.555	702.951	---	703.419	702.951	702.481	702.011	701.541	701.071	700.601	700.131	700.661	701.191	701.721	---
E Structure (Top of Slab)	707.096	---	---	707.251	---	---	---	---	---	---	---	---	---	---	707.749	---
E Girder #3 (Top of Slab)	707.047	---	---	707.211	---	---	---	---	---	---	---	---	---	---	707.699	---
E Girder #3 (Bottom of Girder)	---	703.532	702.928	---	703.392	702.928	702.458	701.988	701.518	701.048	700.578	700.108	700.638	701.168	701.698	---
E Girder #4 (Bottom of Girder)	---	703.405	702.801	---	703.269	702.801	702.331	701.861	701.391	700.921	700.451	700.001	700.531	701.061	701.591	---
Right Gutter Line (Top of Slab)	706.880	---	---	707.039	---	---	---	---	---	---	---	---	---	---	707.549	---

LOCATION	SECTION															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P		
Left Gutter Line (Top of Slab)	706.840	---	---	707.000	---	---	---	---	---	---	---	---	---	---	707.500	---
E Girder #1 (Bottom of Girder)	---	703.386	702.782	---	703.250	702.782	702.312	701.842	701.372	700.902	700.432	700.002	700.532	701.062	701.592	---
E Girder #2 (Top of Slab)	707.020	---	---	707.180	---	---	---	---	---	---	---	---	---	---	707.680	---
E Girder #2 (Bottom of Girder)	---	703.524	702.920	---	703.388	702.920	702.450	701.980	701.510	701.040	700.570	700.100	700.630	701.160	701.690	---
E Structure (Top of Slab)	707.065	---	---	707.225	---	---	---	---	---	---	---	---	---	---	707.725	---
E Girder #3 (Top of Slab)	707.017	---	---	707.177	---	---	---	---	---	---	---	---	---	---	707.677	---
E Girder #3 (Bottom of Girder)	---	703.521	702.917	---	703.385	702.917	702.437	701.967	701.497	701.027	700.557	700.087	700.617	701.147	701.677	---
E Girder #4 (Bottom of Girder)	---	703.397	702.793	---	703.261	702.793	702.313	701.843	701.373	700.903	700.433	700.003	700.533	701.063	701.593	---
Right Gutter Line (Top of Slab)	706.850	---	---	707.009	---	---	---	---	---	---	---	---	---	---	707.509	---

