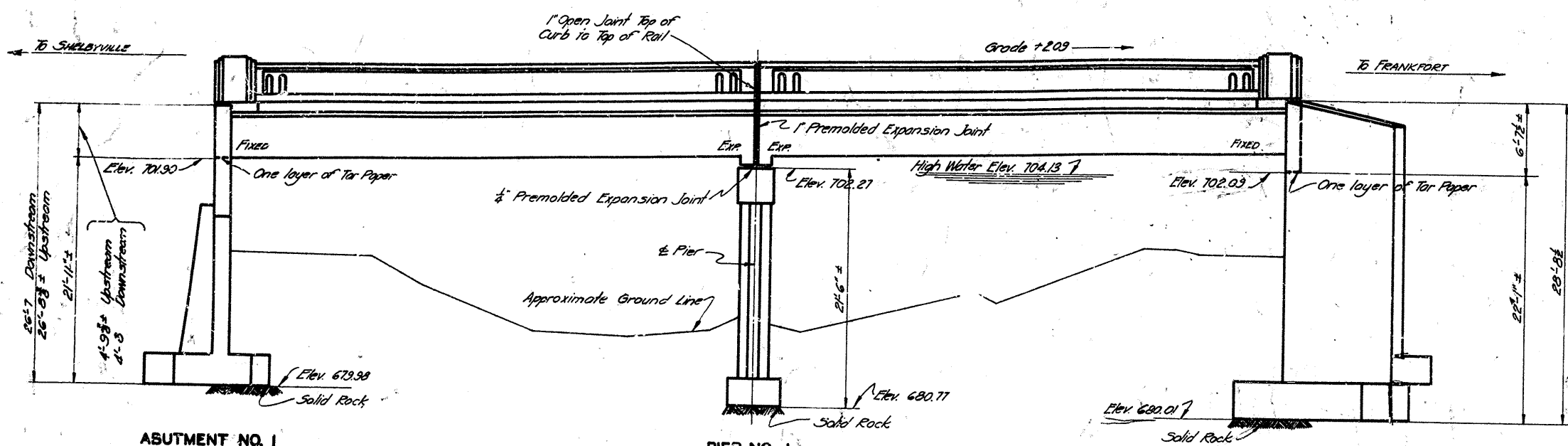




ELEVATION
2-50'-0" R.C. DECK GIRDER SPANS
36' ROADWAY-2-5'-0" SIDEWALKS-2:1 FILL SLOPES

SPECIFICATIONS

DESIGN LOAD

CONCRETE

REINFORCEMENT

BEVELED EDGES

EXPANSION JOINT MATERIAL

TAR PAPER

CONSTRUCTION NOTE

REMOVE EXISTING STRUCTURE

EXISTING WATER MAIN

GENERAL NOTE

- Kentucky Department of Highways (1938 Standard with Amendments)
- Bridge designed for H-15 loading as specified in A.A.S.H.O. Specifications 1938.
- Class "A" concrete to be used throughout except in handrail. Class "D" concrete to be used in handrail.
- Dimension shown from face of concrete is clear distance.
- Bars of structural and intermediate grade new billet steel may be combined on this project, or bars of hard grade new billet steel and rail steel may be combined on this project, but a mixing of these two permissible combinations will not be allowed.
- All exposed edges shall be beveled $\frac{3}{8}$ " unless otherwise noted.
- COPPER STRIP-TAR PAPER** - The cost of these items to be included in the unit price bid for Class "A" concrete.
- To be commercial grade for paper or roofing felt approximately $\frac{3}{8}$ " thick.
- Upstream Wings on Abutment 1 and Abutment 2 shall be constructed and backfilled before the temporary bridge is built. Traffic to be maintained over existing bridge until temporary bridge is completed.
- Lump Sum Bid price for removing existing structure shall include the cost of removing Superstructure and such portions of Substructure as called for on Plans (Approx 260 Cu. Yds. of concrete masonry.)
- The existing six inch water main will be carried on the new bridge in the location indicated on the plans. The owner of the water main shall be responsible for removal, maintenance during construction, and relocation or replacement of water main at his own expense with the additional cost to the Department of Highways. The contractor shall cooperate with the owner in the execution of this work.

TABLE OF ROCK ELEVATIONS

STATION	DISTANCE FROM E. SURVEY	Rock Elevation
530+56.36	40' left	680.0
530+70.36	26' left	680.0
530+70.36	26' right	680.0
530+70.36	40' right	680.0
531+29	18' left	673.38
531+29	18' right	673.38
531+76.30	26' left	680.0
531+76.30	26' right	680.0
531+90.30	40' left	680.0
531+90.30	40' right	680.0

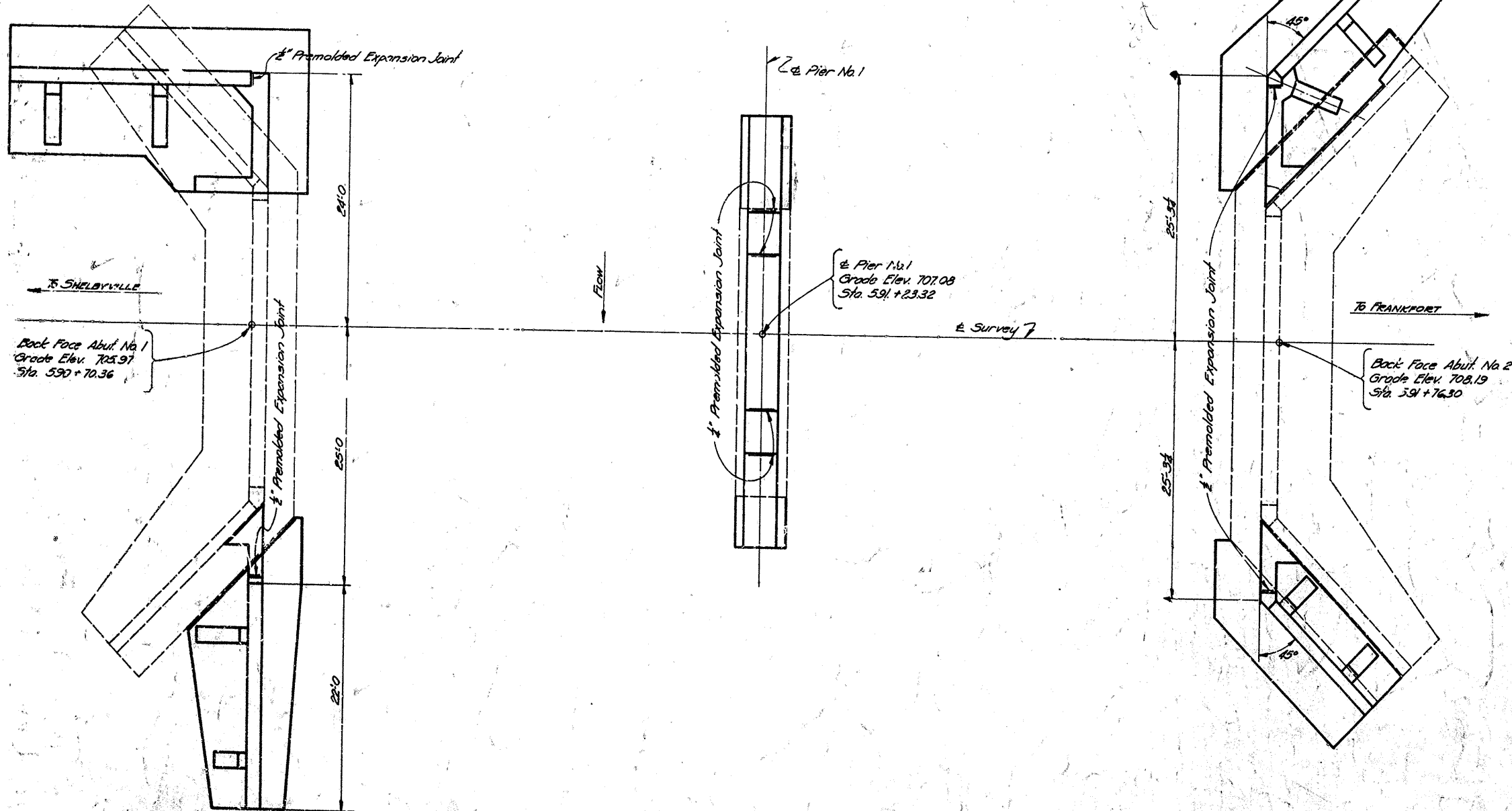
BILL OF INCIDENTAL MATERIAL

ITEM	No. of Pieces	Size & Description
Prem. Expan. Joint	1	1" x 5'-0" x 39'-8" long
do	1	1" x 3'-0" x 39'-8" long
do	4	1" x 5' x 3'-0" long
do	2	1" x 16' x 6'-8" long
do	2	1" x 16' x 4'-10" long
Copper Strip	1	40'-0" long
do	2	5'-0" long

NOTE -
For payment for these items See General Note.

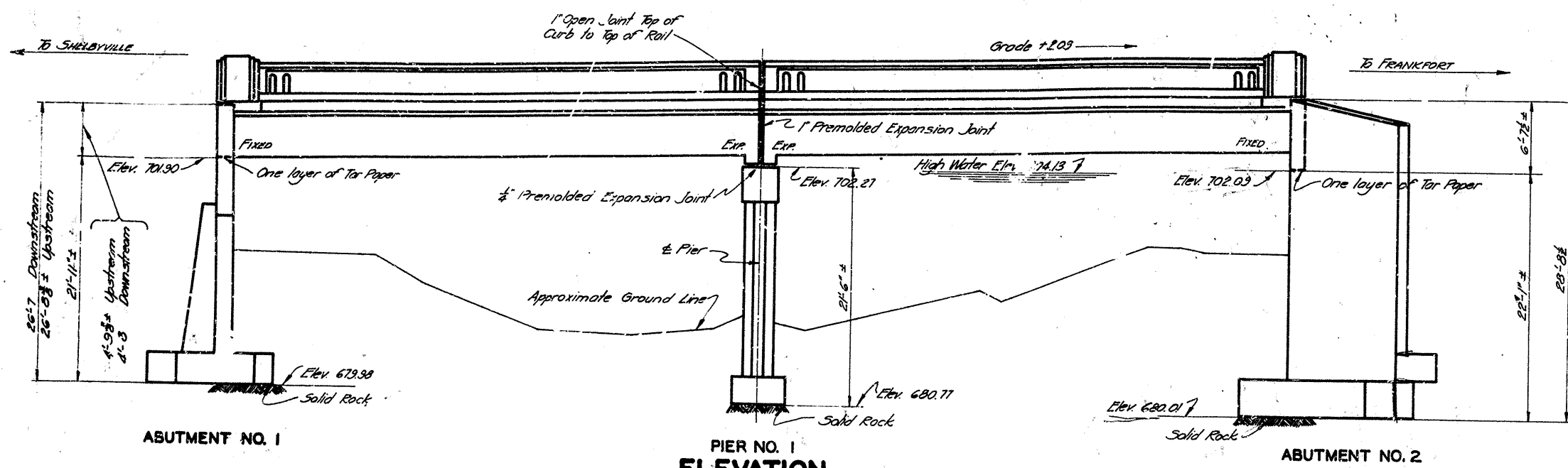
REFERENCES AND ESTIMATE OF QUANTITIES

ITEM	DRAWING No.	CONCRETE		REINFORCEMENT LBS.	STRUCTURE DIMENSION		EXP. PLATES 2" B. BRONZE LBS.	REMOVE EXIST. STRUCTURE Each
		CLASS "A" Cu. Yds.	CLASS "D" Cu. Yds.		Solid Rock Cu. Yds.	Open Rock Cu. Yds.		
Span No. 1	6-351 Sheets 8,9,8,10	162.7	7.9	38,650.			532	
Span No. 2	6-351 Sheets 8,9,8,10	168.0	7.9	38,740.			532	
Abutment No. 1	Sheets 2,3,8,4	161.1	2.0	20,940.	300	30		
Abutment No. 2	Sheets 5,6,8,7	159.2		17,160.	500	300		
Pier No. 1	Sheet 8	45.5		5,970.	30	10		
TOTALS		675.5	17.8	122,760.	1080	20	1064	1064



PLAN OF SUBSTRUCTURE

Bridge over Clear Creek
SHEET 105/11
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE - FRANKFORT



ELEVATION
2-50'-0" R.C. DECK GIRDER SPANS
36' ROADWAY-2-5'-0" SIDEWALKS-2:1 FILL SLOPES

- GENERAL NOTE**
- Kentucky Department of Highways (1938 Standard with Amendments)
 - Bridge designed for H-15 loading as specified in A.A.S.H.O. Specifications 1935.
 - Class "A" concrete to be used throughout except in handrail. Class "D" concrete to be used in handrail.
 - Dimension shown from face of concrete is clear distance.
 - Bars of structural and intermediate grade new billet steel may be combined on this project, or bars of hand grade new billet steel and rail steel may be combined on this project, but a mixing of these two permissible combinations will not be allowed.
 - All exposed edges shall be beveled 3" unless otherwise noted.
 - EXPANSION JOINT MATERIAL** - COPPER STRIP - TAR PAPER - The cost of these items to be included in the unit price bid for Class "A" concrete.
 - TAR PAPER** - To be commercial grade for paper or roofing felt approximately 16" thick.
 - CONSTRUCTION NOTE** - Upstream Wings on Abutment 1 and Abutment 2 shall be constructed and backfilled before the temporary bridge is built. Traffic to be maintained over existing bridge until temporary bridge is completed.
 - REMOVE EXISTING STRUCTURE** - Lump Sum Bid price for removing existing structure shall include the cost of removing Superstructure and such portions of Substructure as called for on Plans (Approx 260 Cu Yds. of concrete masonry.)
 - EXISTING WATER MAIN** - The existing six inch water main will be carried on the new bridge in the location indicated on the plans. The owner of the water main shall be responsible for removal, maintenance during construction, and relocation or replacement of water main at his own expense, with no additional cost to the Department of Highways. The contractor shall cooperate with the owner in the execution of this work.

BILL OF INCIDENTAL MATERIAL

ITEM	No. of Pieces	Size & Description
Prem. Expan. Joint	1	1" x 5'-0" x 33'-8" long
do	1	1/2" x 3'-0" x 33'-8" long
do	4	1/2" x 3'-0" x 3'-0" long
do	2	1/2" x 1'-6" x 6'-8" long
do	2	1/2" x 1'-6" x 4'-10" long
Copper Strip	1	40'-0" long
do	2	5'-0" long

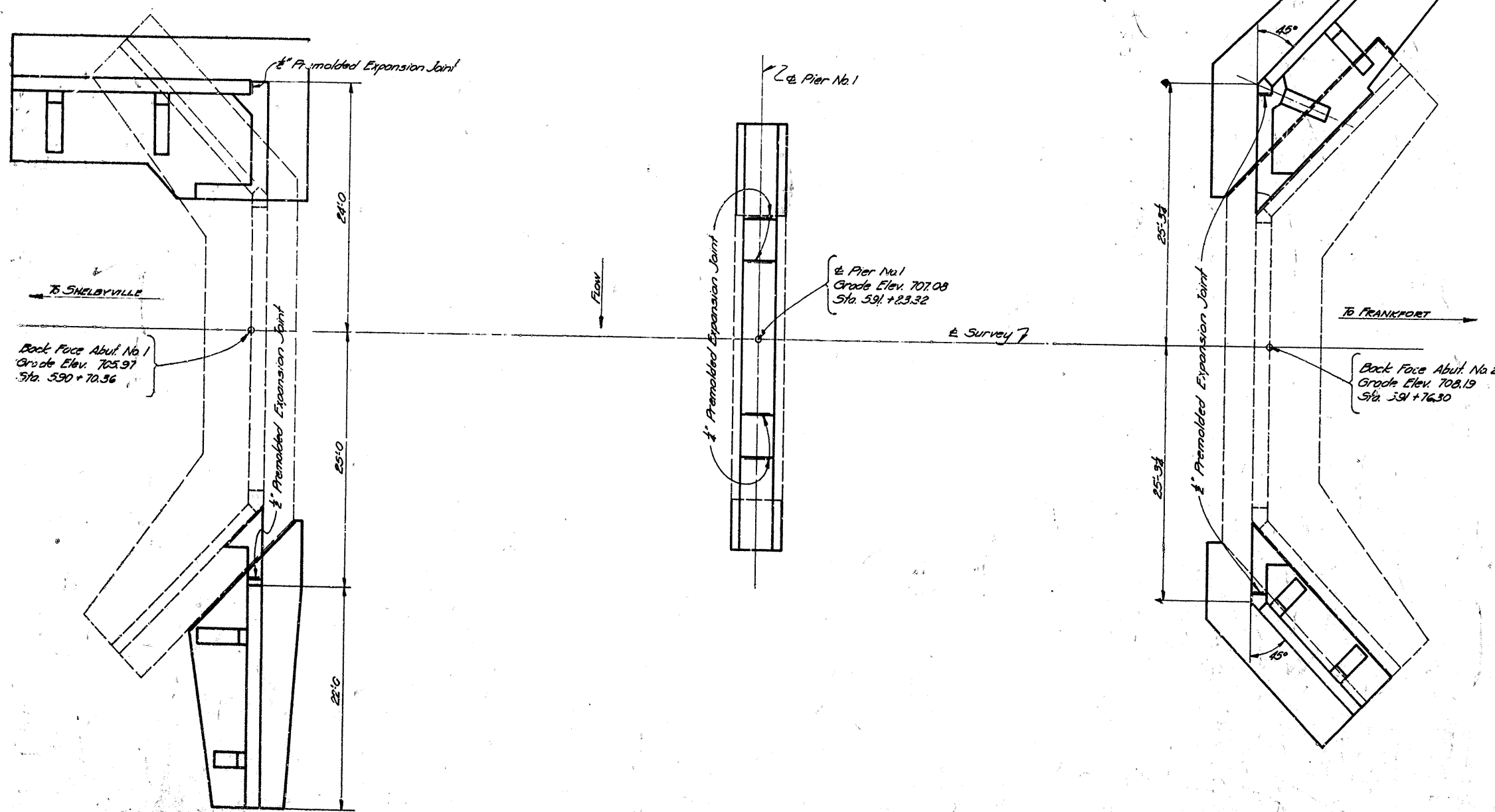
NOTE - For payment for these items See General Note.

TABLE OF ROCK ELEVATIONS

STATION	DISTANCE FROM & Survey	Rock Elevation
590 + 56.36	40' left	620.2
590 + 70.36	26' left	620.4
590 + 70.36	76' right	620.5
590 + 70.36	40' right	620.6
591 + 29	18' left	623.5
591 + 29	13' right	623.6
591 + 76.30	26' left	621.1
591 + 76.30	26' right	620.7
591 + 90.30	40' left	620.8
591 + 90.30	40' right	620.1

REFERENCES AND ESTIMATE OF QUANTITIES

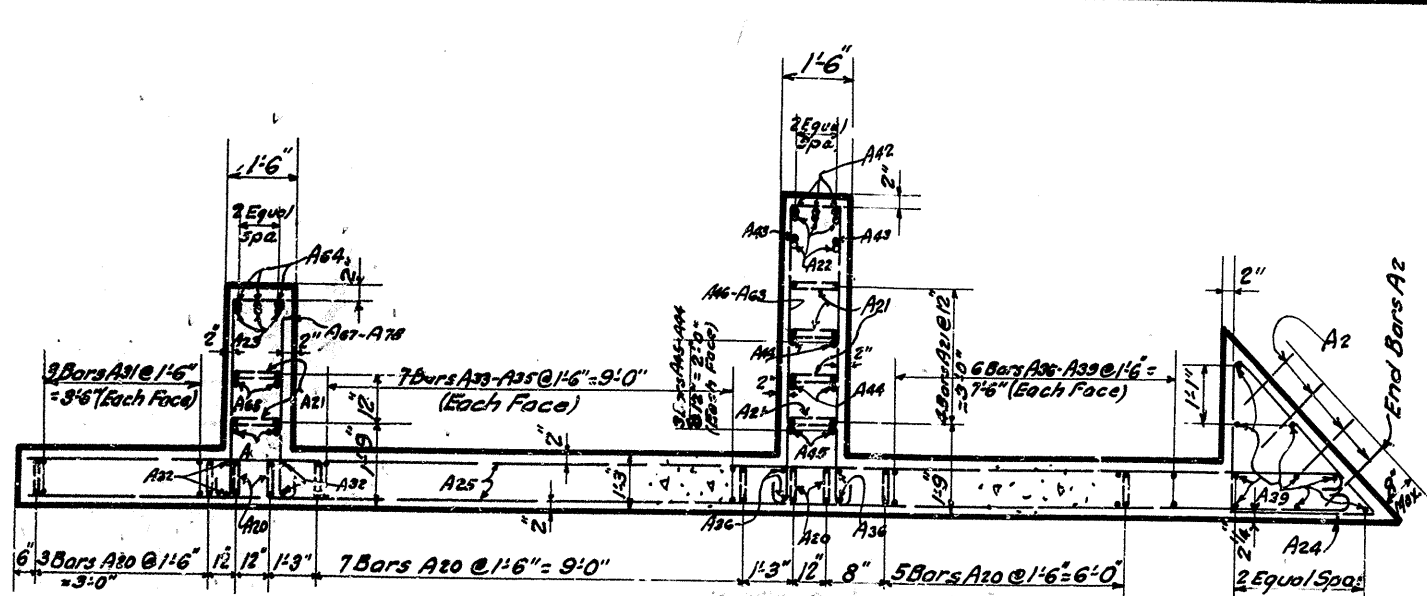
ITEM	DRAWING No.	CONCRETE		REINFORCEMENT	STRUCTURE ELEVATION		Lump Sum	Remove Existing Structure
		CLASS "A" Cu Yds.	CLASS "D" Cu Yds.		Common Cu Yds.	Solid Rock Cu Yds.		
Span No. 1	Sheet 8, 9, 10	162.7	7.9	38650			532	
Span No. 2	Sheet 8, 9, 10	168.0	7.9	38140			532	
Abutment No. 1	Sheet 2, 3, 4	161.1	2.0	20940	330	50		
Abutment No. 2	Sheet 5, 6, 7	154.2		19160	300	550		
Pier No. 1	Sheet 8	45.5		5070	30	10		
TOTALS		671.5	17.8	122760	1080	210	1064	1064



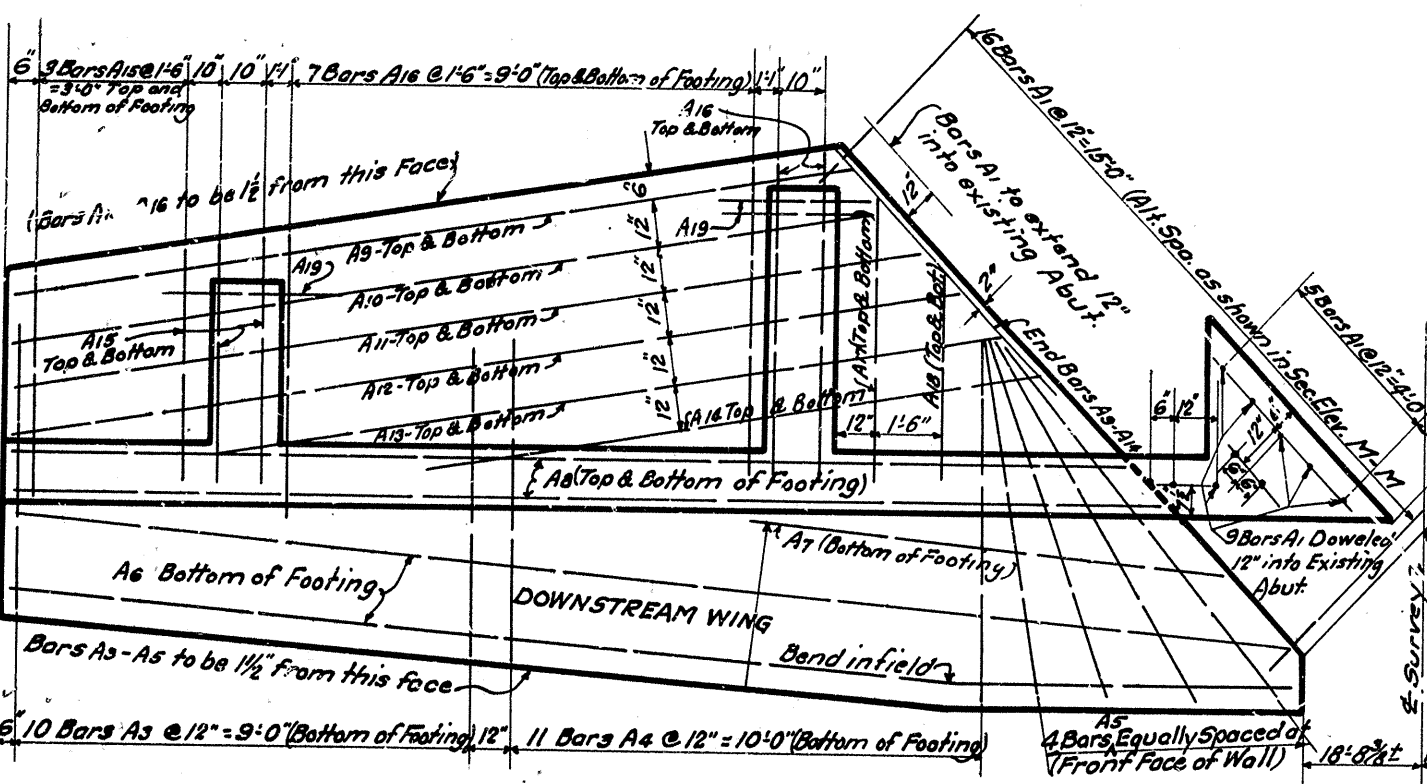
PLAN OF SUBSTRUCTURE

Bridge over Clear Creek

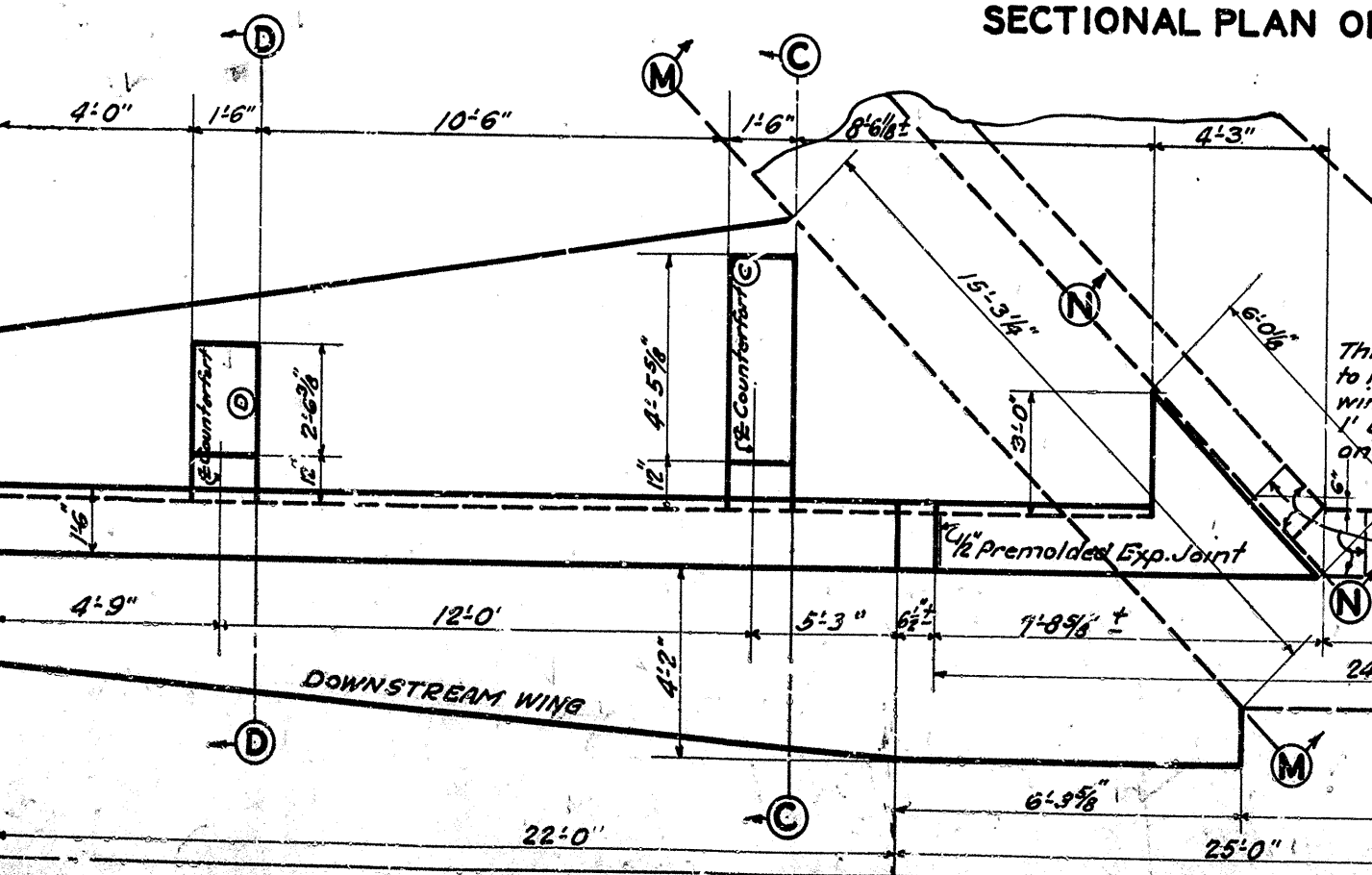
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE - FRANKFORT
ROAD
STATION 15 + 25.5 PROJECT NO. 1-106-3



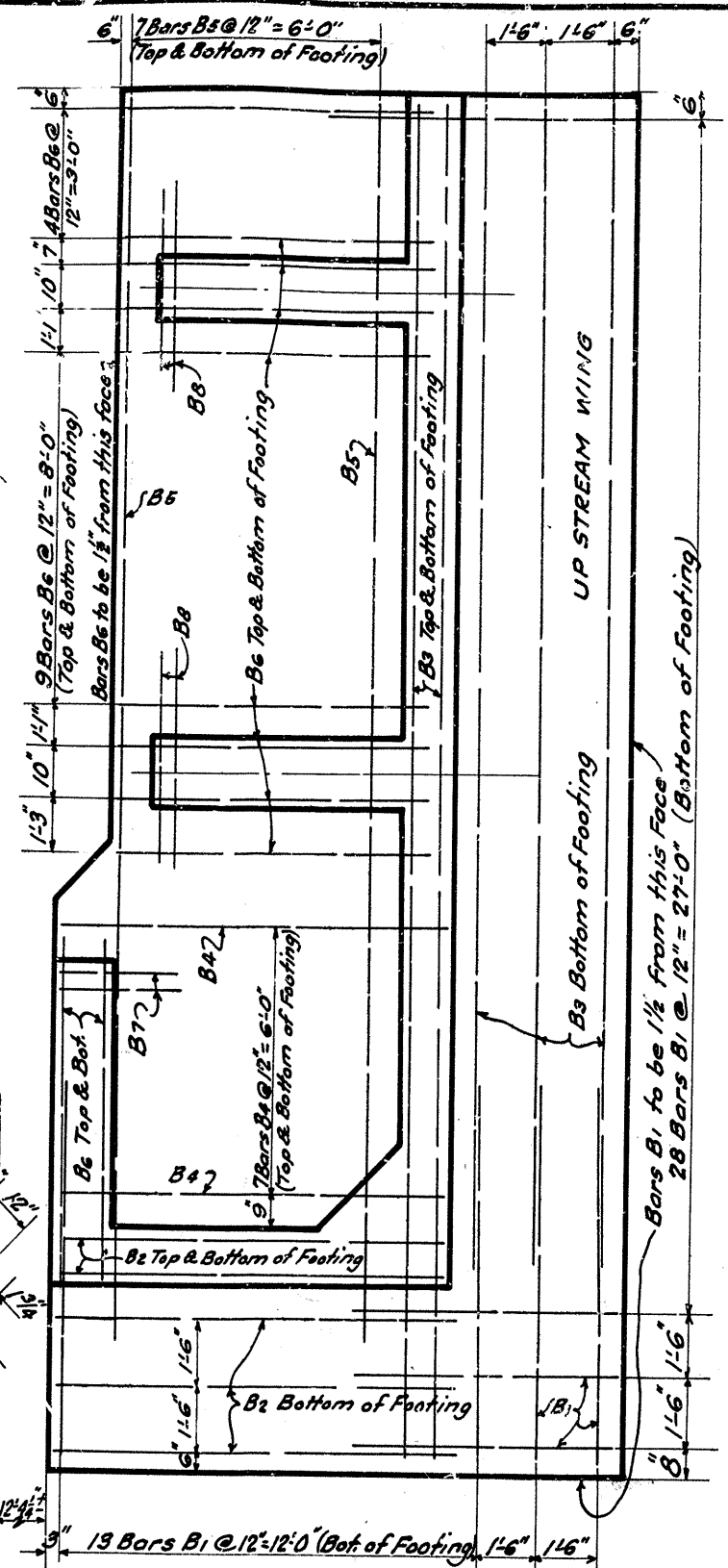
SECTION R-R
(See Sheet 3 for Location)



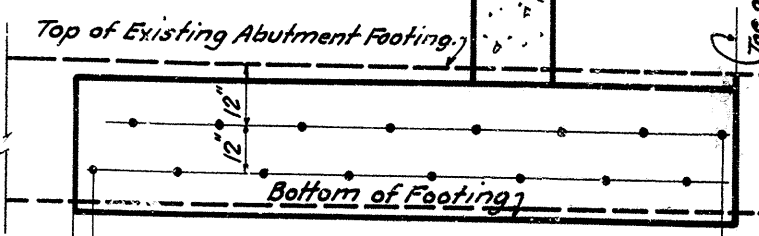
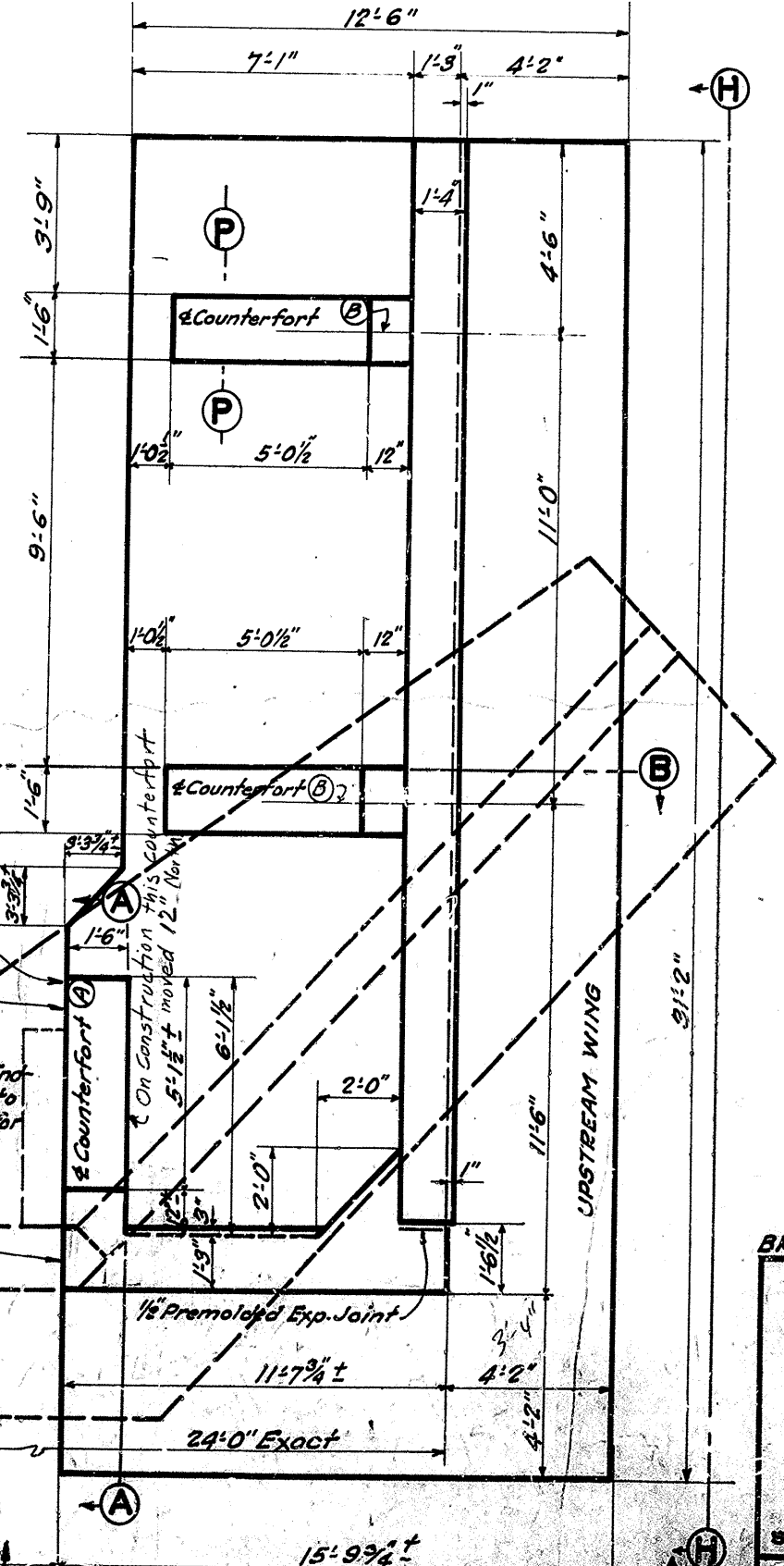
SECTIONAL PLAN OF FOOTING



PLAN

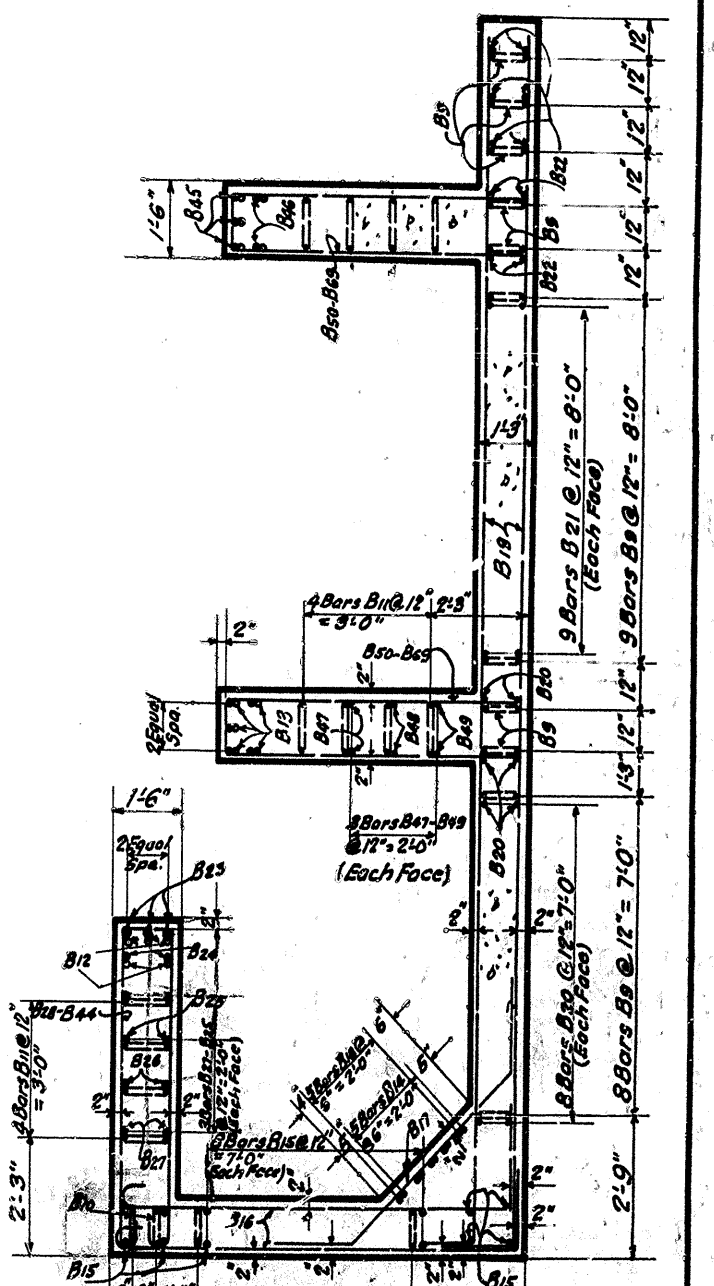


SECTIONAL ELEVATION N-N



SECTIONAL ELEVATION M-M

DETAILS OF ABUTMENT NO. 1
(3 SHEETS)



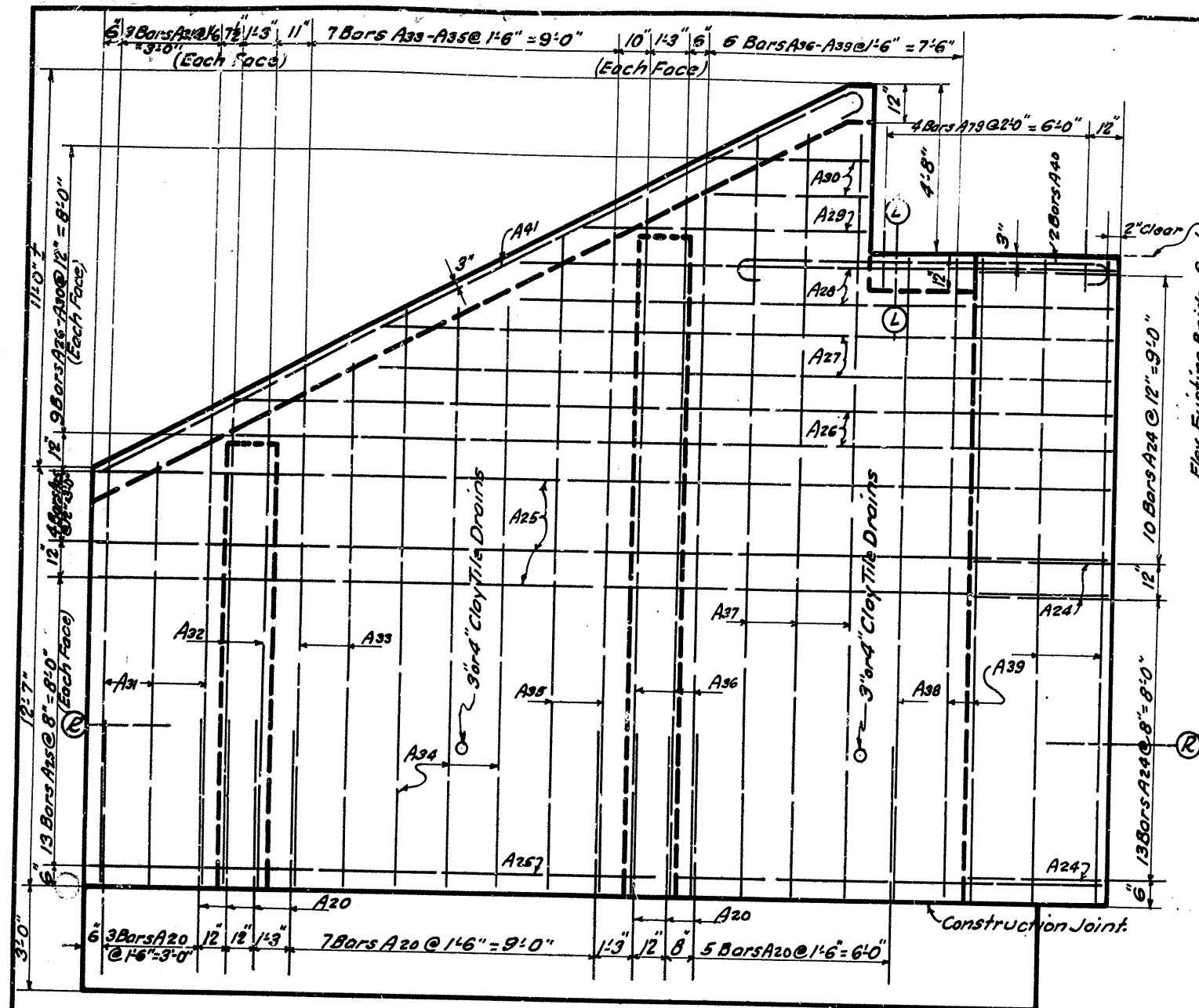
SECTION S-S (See Sheet 3 for Location)

BRIDGE OVER CLEAR CREEK Sheet 2 of 11

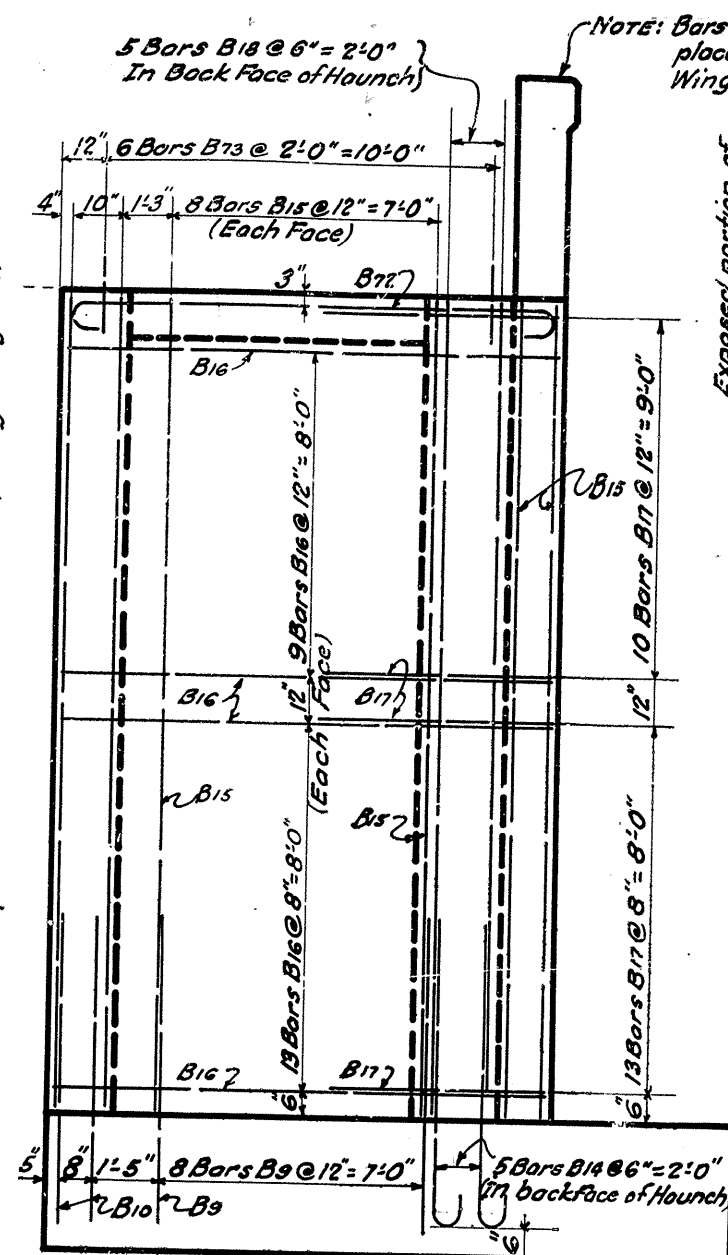
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE - FRANKFORT

ROAD PROJECT NO.
STATION 591+28.32

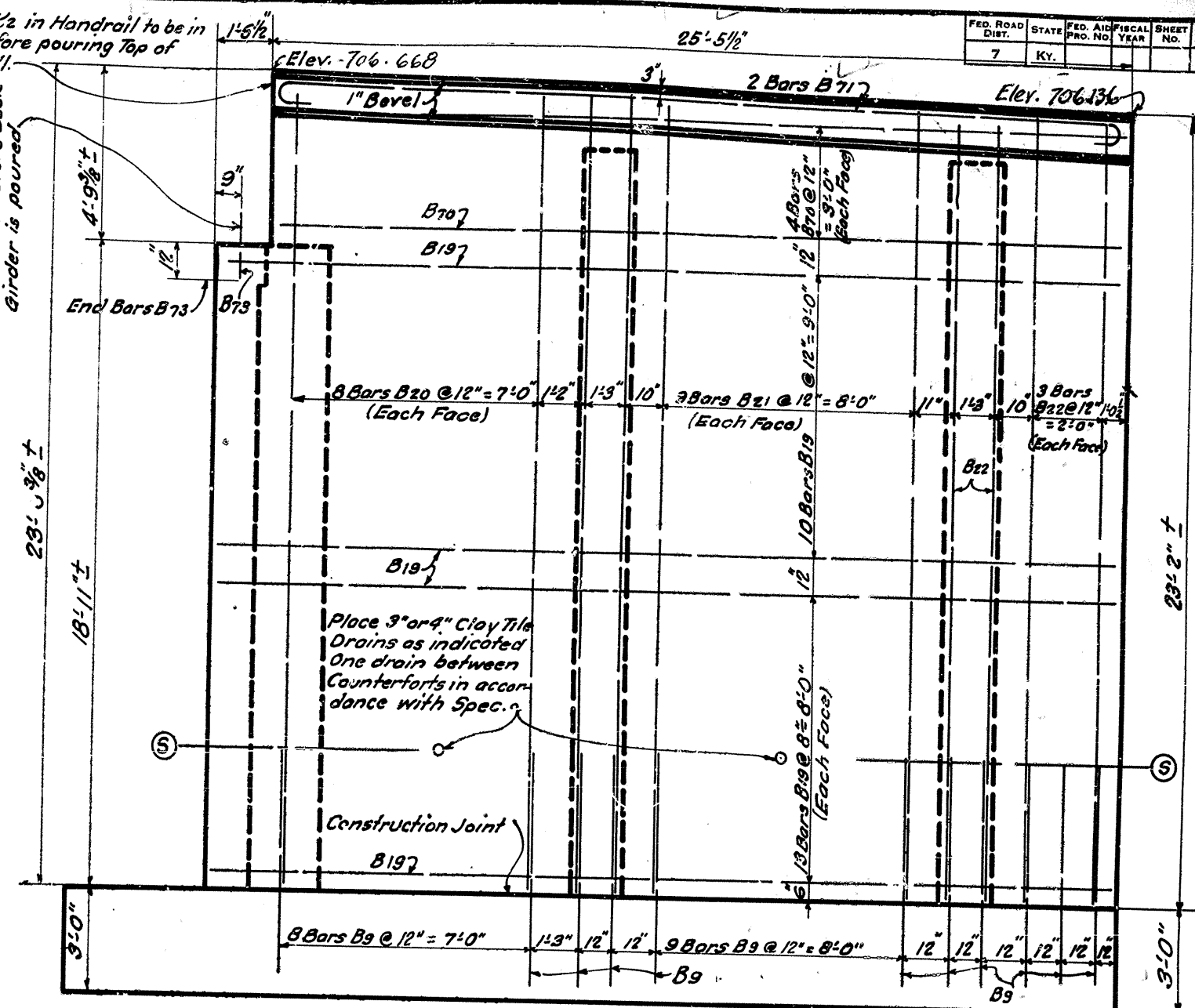
106-106-3



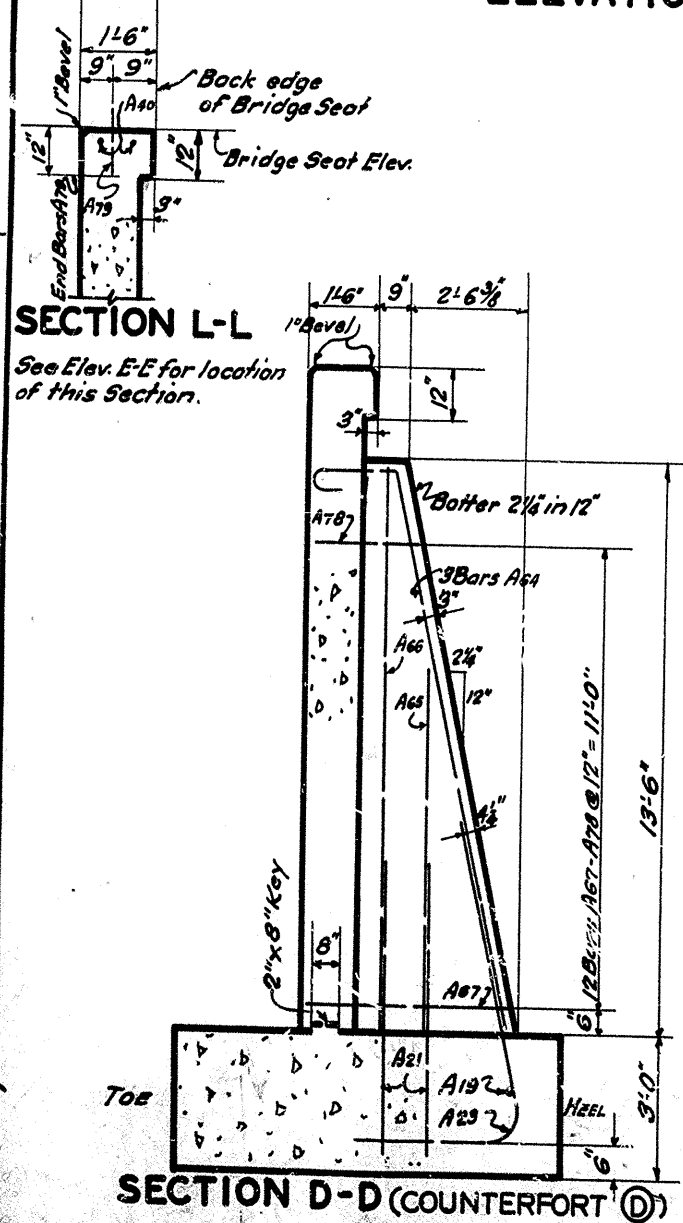
ELEVATION E-E



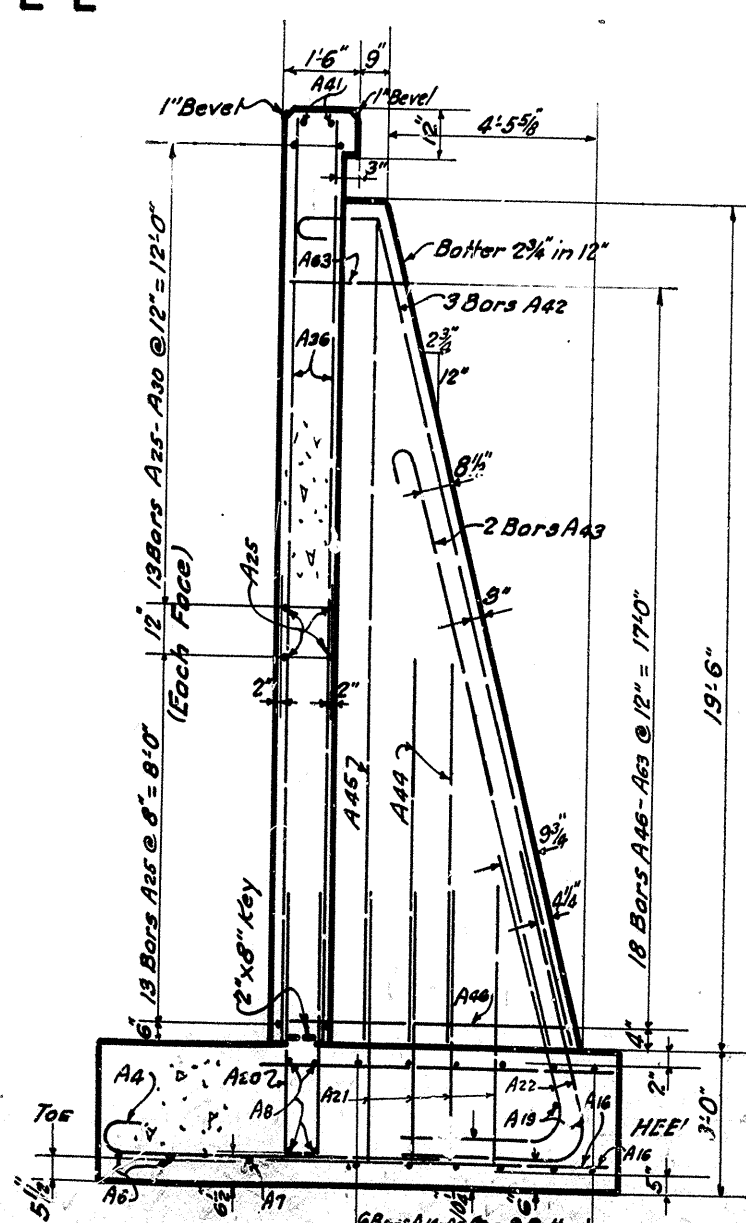
ELEVATION G-G



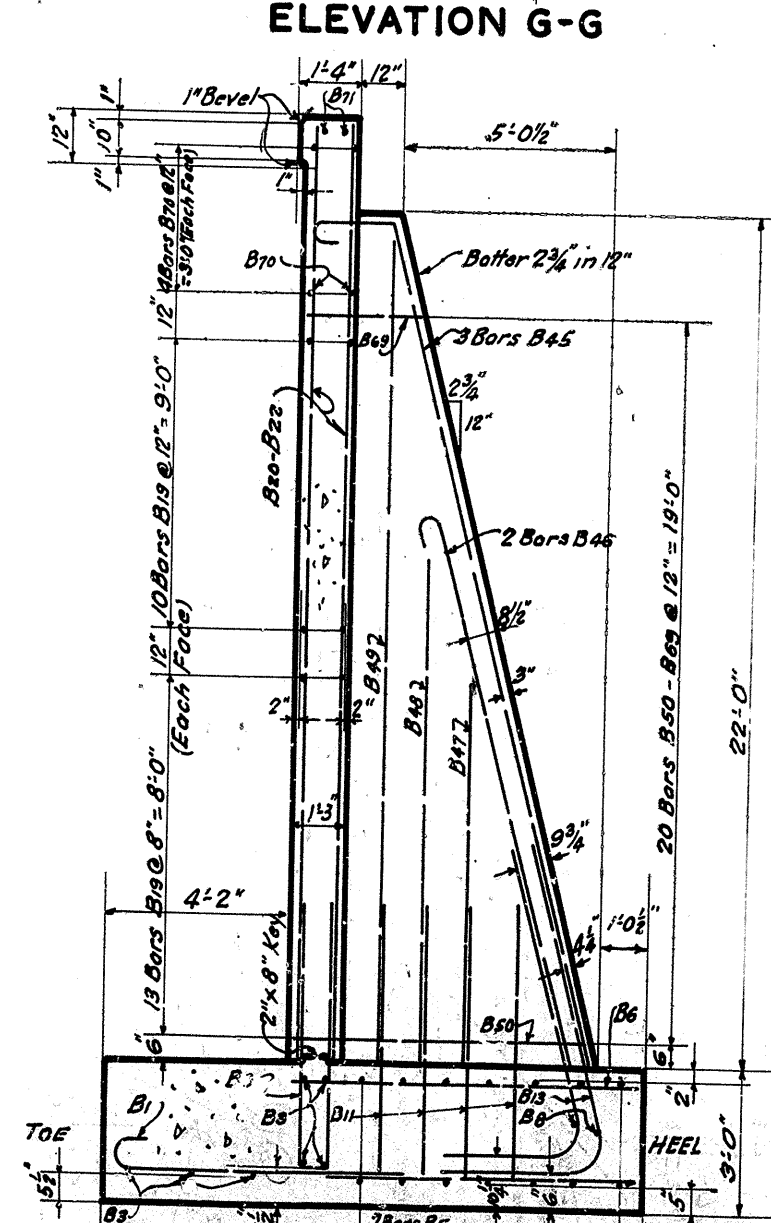
ELEVATION H-H



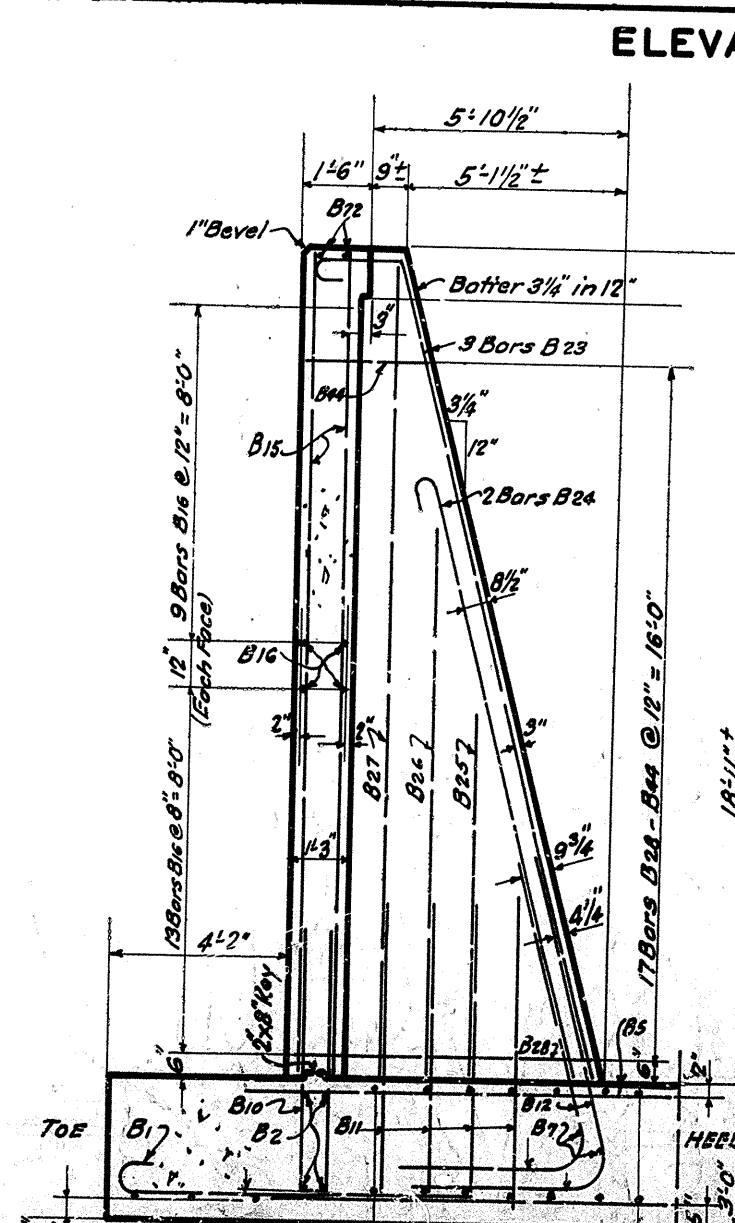
SECTION D-D (COUNTERFORT ①)



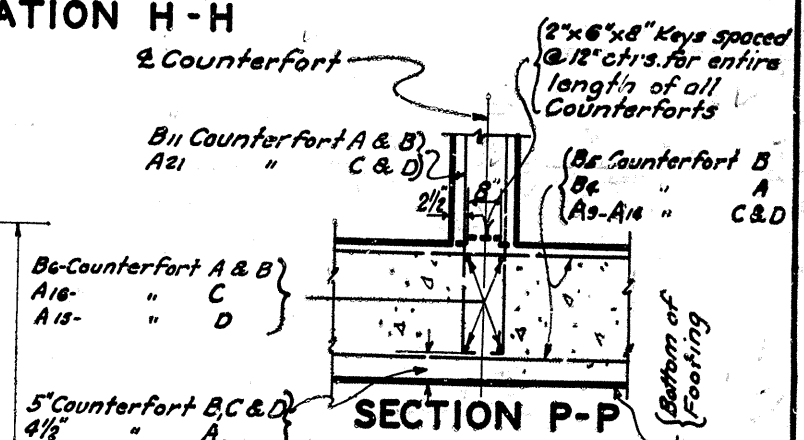
SECTION C-C (COUNTERFORT ③)



SECTION B-B (COUNTERFORT ②)



SECTION A-A (COUNTERFORT ④)



SECTION P-P (TYPICAL FOR ALL COUNTERFORTS)

DETAILS OF ABUTMENT NO. 1 (3 SHEETS)

For location of Sections & Elevations shown on this sheet, see Sheet No. 2.

BRIDGE OVER CLEAR CREEK Sheet 3 of 11

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE - FRANKFORT

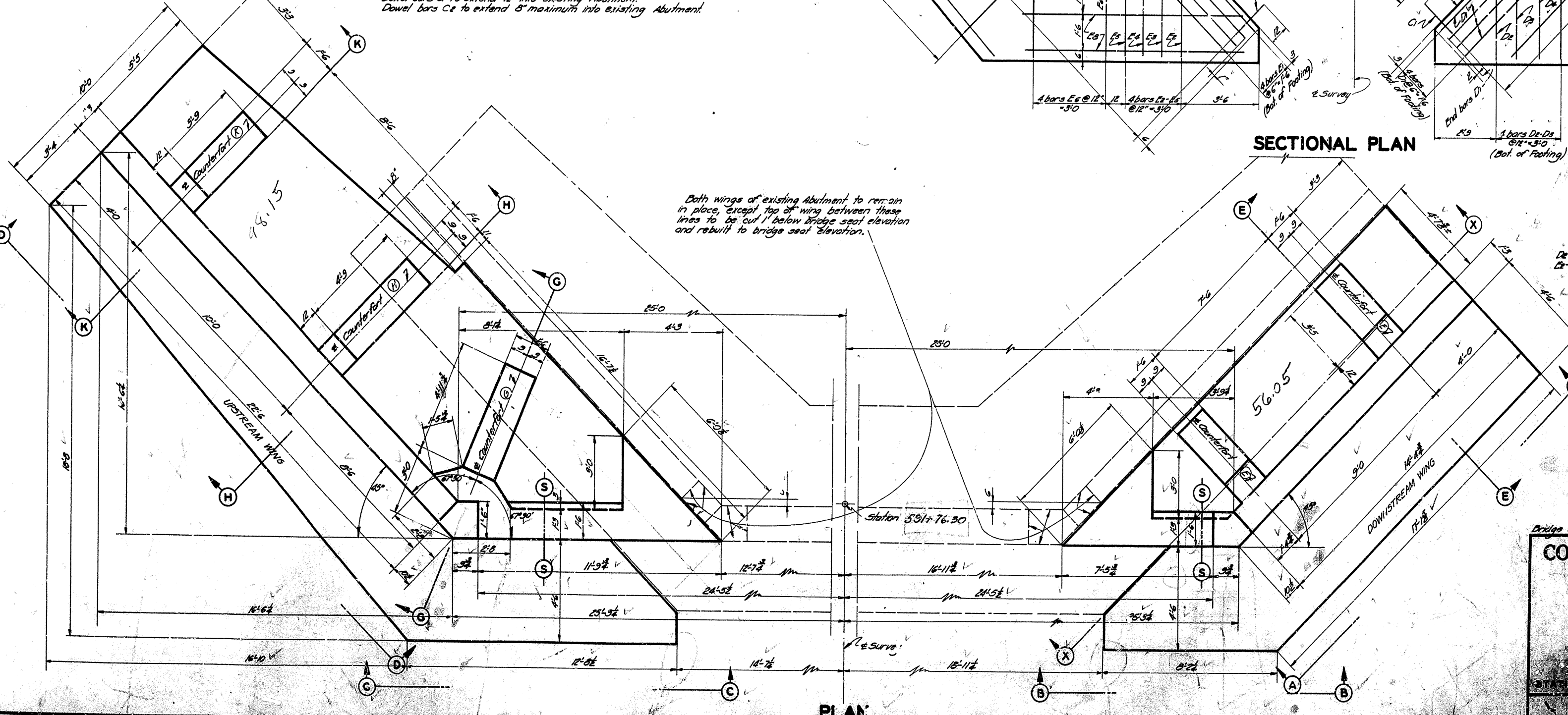
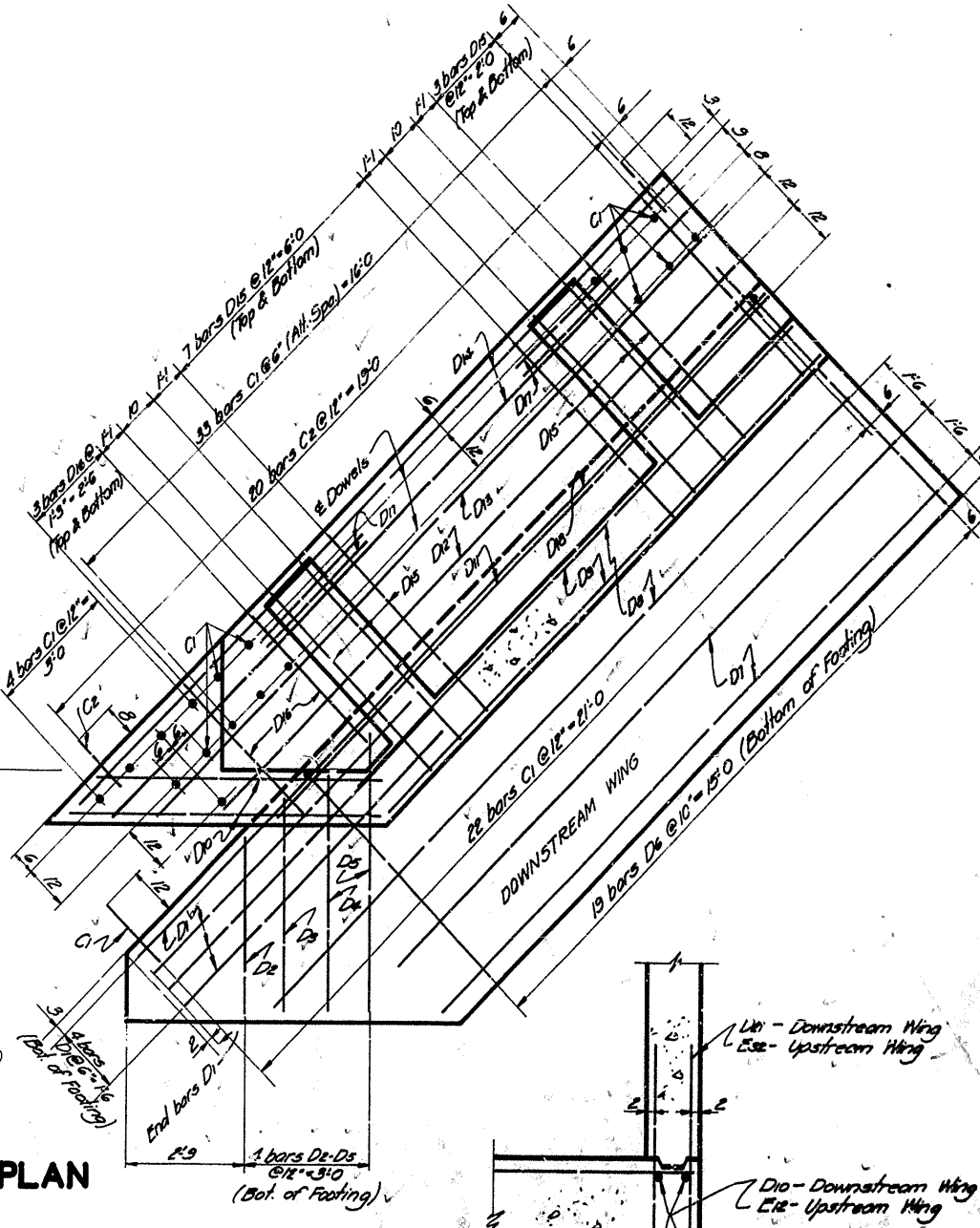
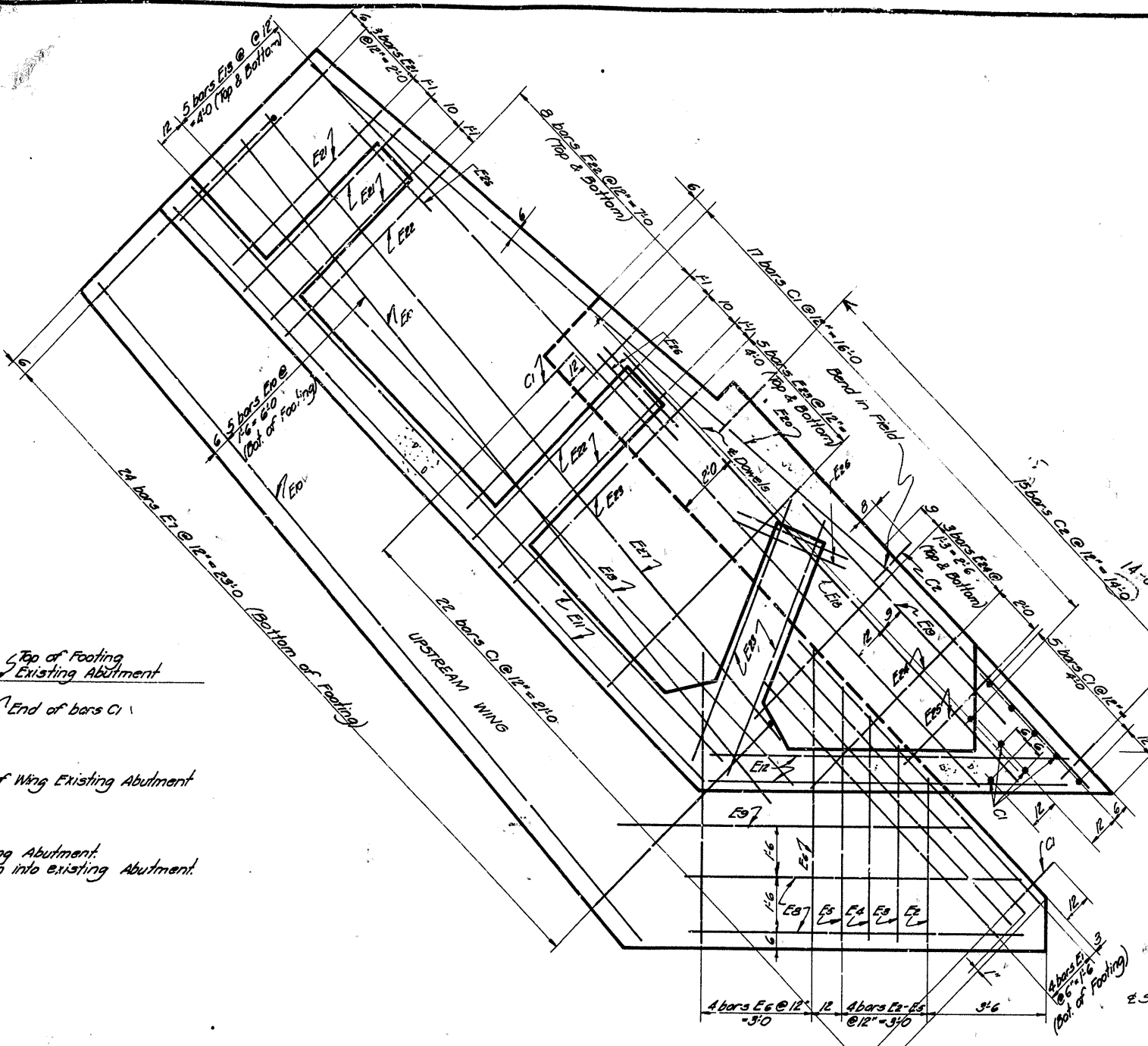
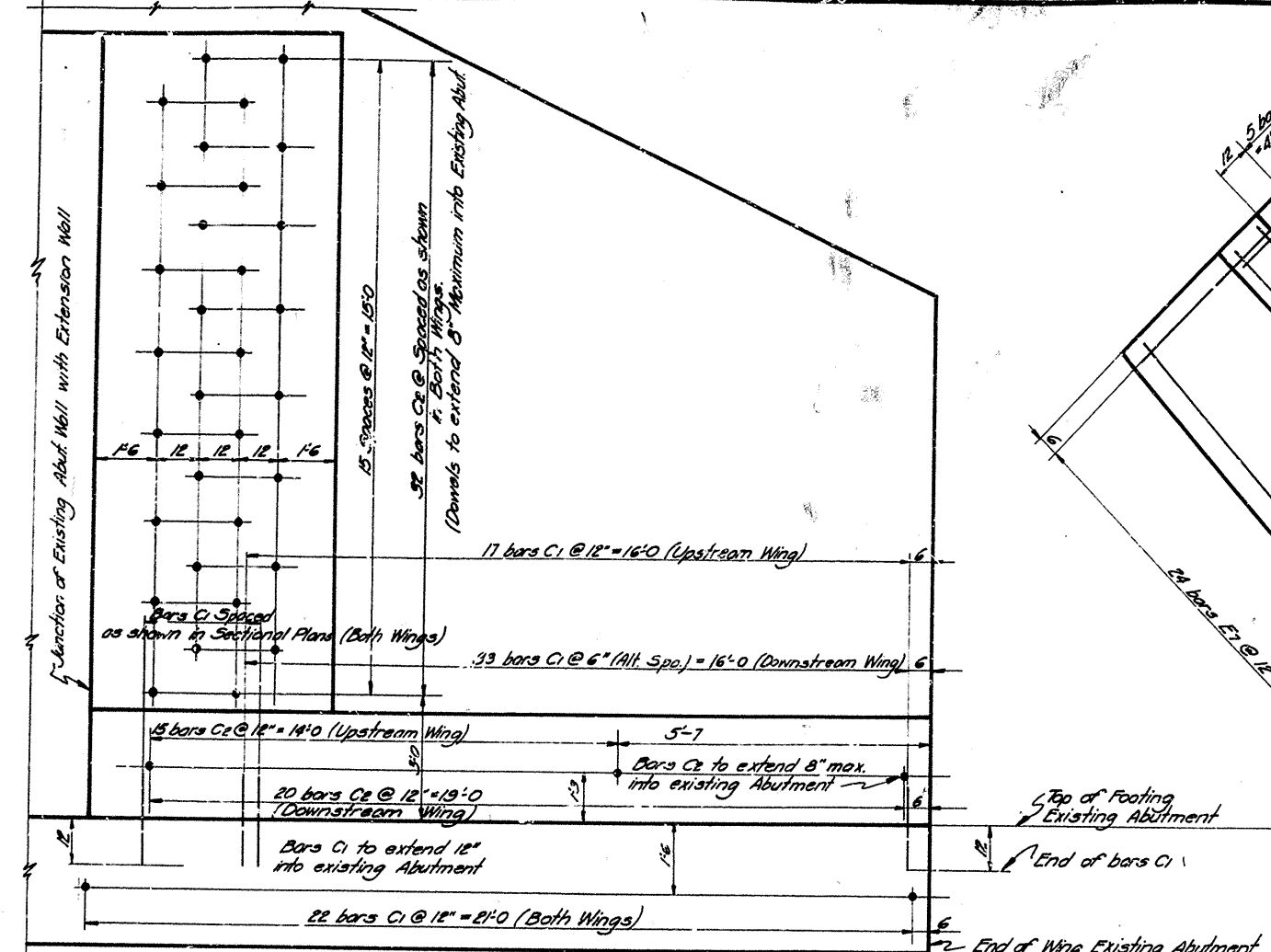
ROAD PROJECT NO.
106-106-3

STATION 591 + 23.32

BILL & TYPES OF REINFORCEMENT FOR ABUTMENT NO.1

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a				MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a			
						FT.	IN.	FT.	IN.							FT.	IN.	FT.	IN.
A1	Str.	25	1/2" D	2	Downstream End					B1	Str.	25	1/2" D	2	Upstream End				
A2	Str.	25	1/2" D	1	Dowels Ext. into Ext. Wall					B2	Str.	25	1/2" D	1	Bottom of Footing				
A3	Str.	25	1/2" D	1	Bottom of Footing	6	11	6	0	B3	Str.	25	1/2" D	1	Top & Bottom of Footing	7	9	1	6
A4	Str.	25	1/2" D	1	"	7	8	1	6	B4	Str.	25	1/2" D	1	"	11	10	1	6
A5	Str.	25	1/2" D	1	"	8	9	1	6	B5	Str.	25	1/2" D	1	"	27	2	1	6
A6	Str.	25	1/2" D	1	"	9	10	1	6	B6	Str.	25	1/2" D	1	"	27	2	1	6
A7	Str.	25	1/2" D	1	"	10	11	1	6	B7	Str.	25	1/2" D	1	"	27	2	1	6
A8	Str.	25	1/2" D	1	"	11	12	1	6	B8	Str.	25	1/2" D	1	"	27	2	1	6
A9	Str.	25	1/2" D	1	"	12	13	1	6	B9	Str.	25	1/2" D	1	"	27	2	1	6
A10	Str.	25	1/2" D	1	"	13	14	1	6	B10	Str.	25	1/2" D	1	"	27	2	1	6
A11	Str.	25	1/2" D	1	"	14	15	1	6	B11	Str.	25	1/2" D	1	"	27	2	1	6
A12	Str.	25	1/2" D	1	"	15	16	1	6	B12	Str.	25	1/2" D	1	"	27	2	1	6
A13	Str.	25	1/2" D	1	"	16	17	1	6	B13	Str.	25	1/2" D	1	"	27	2	1	6
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A16	Str.	25	1/2" D	1	"	19	20	1	6	B16	Str.	25	1/2" D	1	"	27	2	1	6
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A18	Str.	25	1/2" D	1	"	21	22	1	6	B18	Str.	25	1/2" D	1	"	27	2	1	6
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A51	Str.	25	1/2" D	1	"	54	55	1	6	B51	Str.	25	1/2" D	1	"	27	2	1	6
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A55	Str.	25	1/2" D	1	"	58	59	1	6	B55	Str.	25	1/2" D	1	"	27	2	1	6
A56	Str.	25	1/2" D	1	"	59	60	1	6	B56	Str.	25	1/2" D	1	"	27	2	1	6
A57	Str.	25	1/2" D	1	"	60	61	1	6	B57	Str.	25	1/2" D	1	"	27	2	1	6
A58	Str.	25	1/2" D	1	"	61	62	1	6	B58	Str.	25	1/2" D	1	"	27	2	1	6
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A60	Str.	25	1/2" D	1	"	63	64	1	6	B60	Str.	25	1/2" D	1	"	27	2	1	6
A61	Str.	25	1/2" D	1	"	64	65	1	6	B61	Str.	25	1/2" D	1	"	27	2	1	6
A62	Str.	25	1/2" D	1	"	65	66	1	6	B62	Str.	25	1/2" D	1	"	27	2	1	6
A63	Str.	25	1/2" D	1	"	66	67	1	6	B63	Str.	25	1/2" D	1	"	27	2	1	6
A64	Str.	25	1/2" D	1	"	67	68	1	6	B64	Str.	25	1/2" D	1	"	27	2	1	6
A65	Str.	25	1/2" D	1	"	68	69	1	6	B65	Str.	25	1/2" D	1	"	27	2	1	6
A66	Str.	25	1/2" D	1	"	69	70	1	6	B66	Str.	25	1/2" D	1	"	27	2	1	6
A67	Str.	25	1/2" D	1	"	70	71	1	6	B67	Str.	25	1/2" D	1	"	27	2	1	6
A68	Str.	25	1/2" D	1	"	71	72	1	6	B68	Str.	25	1/2" D	1	"	27	2	1	6
A69	Str.	25	1/2" D	1	"	72	73	1	6	B69	Str.	25	1/2" D	1	"	27	2	1	6
A70	Str.	25	1/2" D	1	"	73	74	1	6	B70	Str.	25	1/2" D	1	"	27	2	1	6
A71	Str.	25	1/2" D	1	"	74	75	1	6	B71	Str.	25	1/2" D	1	"	27	2	1	6
A72	Str.	25	1/2" D	1	"	75	76	1	6	B72	Str.	25	1/2" D	1	"	27	2	1	6
A73	Str.	25	1/2" D	1	"	76	77	1	6	B73	Str.	25	1/2" D	1	"	27	2	1	6
A74	Str.	25	1/2" D	1	"	77	78	1	6	B74	Str.	25	1/2" D	1	"	27	2	1	6
A75	Str.	25	1/2" D	1	"	78	79	1	6	B75	Str.	25	1/2" D	1	"	27	2	1	6
A76	Str.	25	1/2" D	1	"	79	80	1	6	B76	Str.	25	1/2" D	1	"	27	2	1	6
A77	Str.	25	1/2" D	1	"	80	81	1	6	B77	Str.	25	1/2" D	1	"	27	2	1	6
A78	Str.	25	1/2" D	1	"	81	82	1	6	B78	Str.	25	1/2" D	1	"	27	2	1	6
A79	Str.	25	1/2" D	1	"	82	83	1	6	B79	Str.	25	1/2" D	1	"	27	2	1	6
A80	Str.	25	1/2" D	1	"	83	84	1	6	B80	Str.	25	1/2" D	1	"	27	2	1	6
A81	Str.	25	1/2" D	1	"	84	85	1	6	B81	Str.	25	1/2" D	1	"	27	2	1	6
A82	Str.	25	1/2" D	1	"	85	86	1	6	B82	Str.	25	1/2" D	1	"	27	2	1	6
A83	Str.	25	1/2" D	1	"	86	87	1	6	B83	Str.	25	1/2" D	1	"	27	2	1	6
A84	Str.	25	1/2" D	1	"	87	88	1	6	B84	Str.	25	1/2" D	1	"	27	2	1	6
A85	Str.	25	1/2" D	1	"	88	89	1	6	B85	Str.	25	1/2" D	1	"	27	2	1	6
A86	Str.	25	1/2" D	1	"	89	90	1	6	B86	Str.								

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				

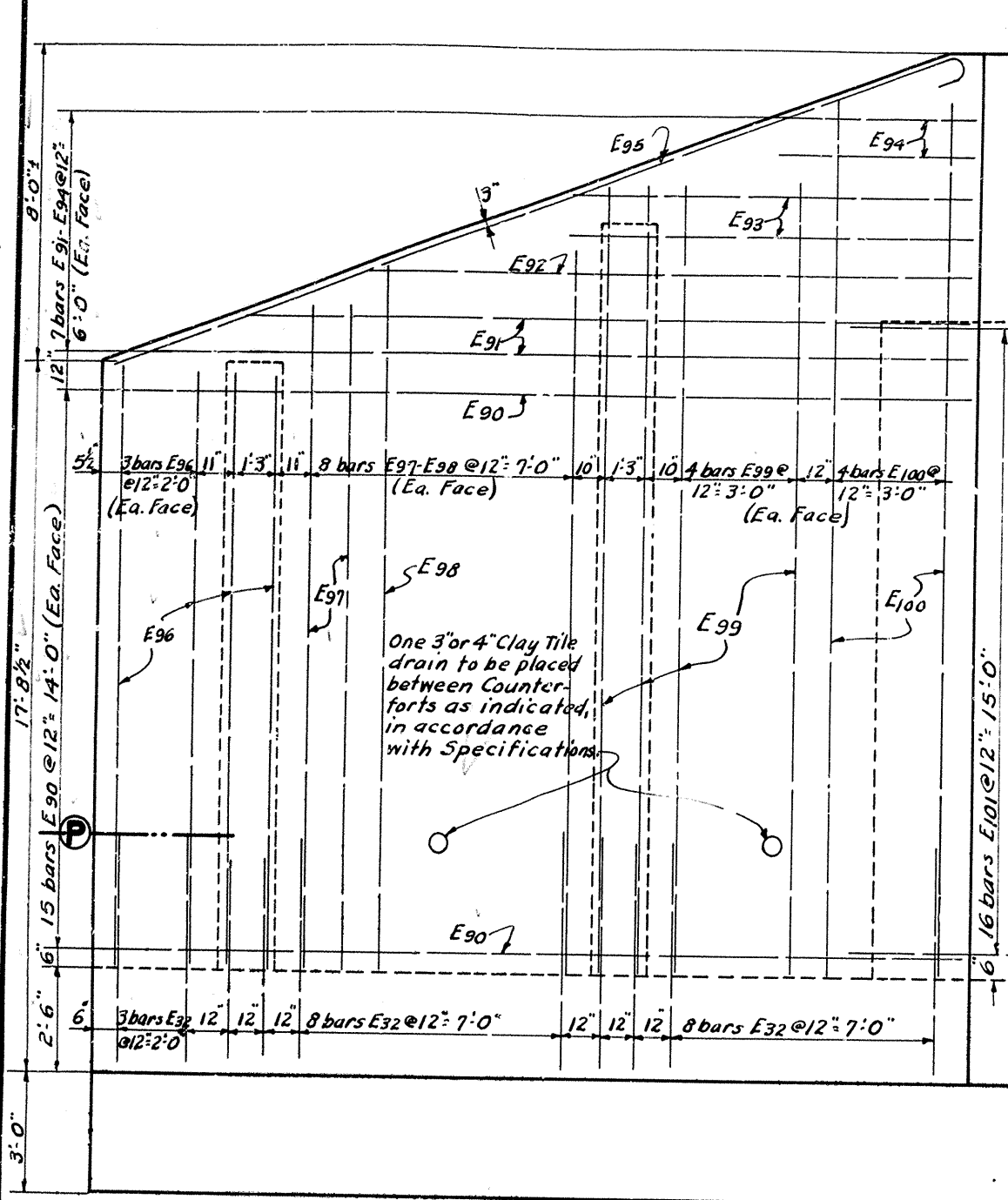


DETAILS OF ABUTMENT NO. 2 3 SHEETS

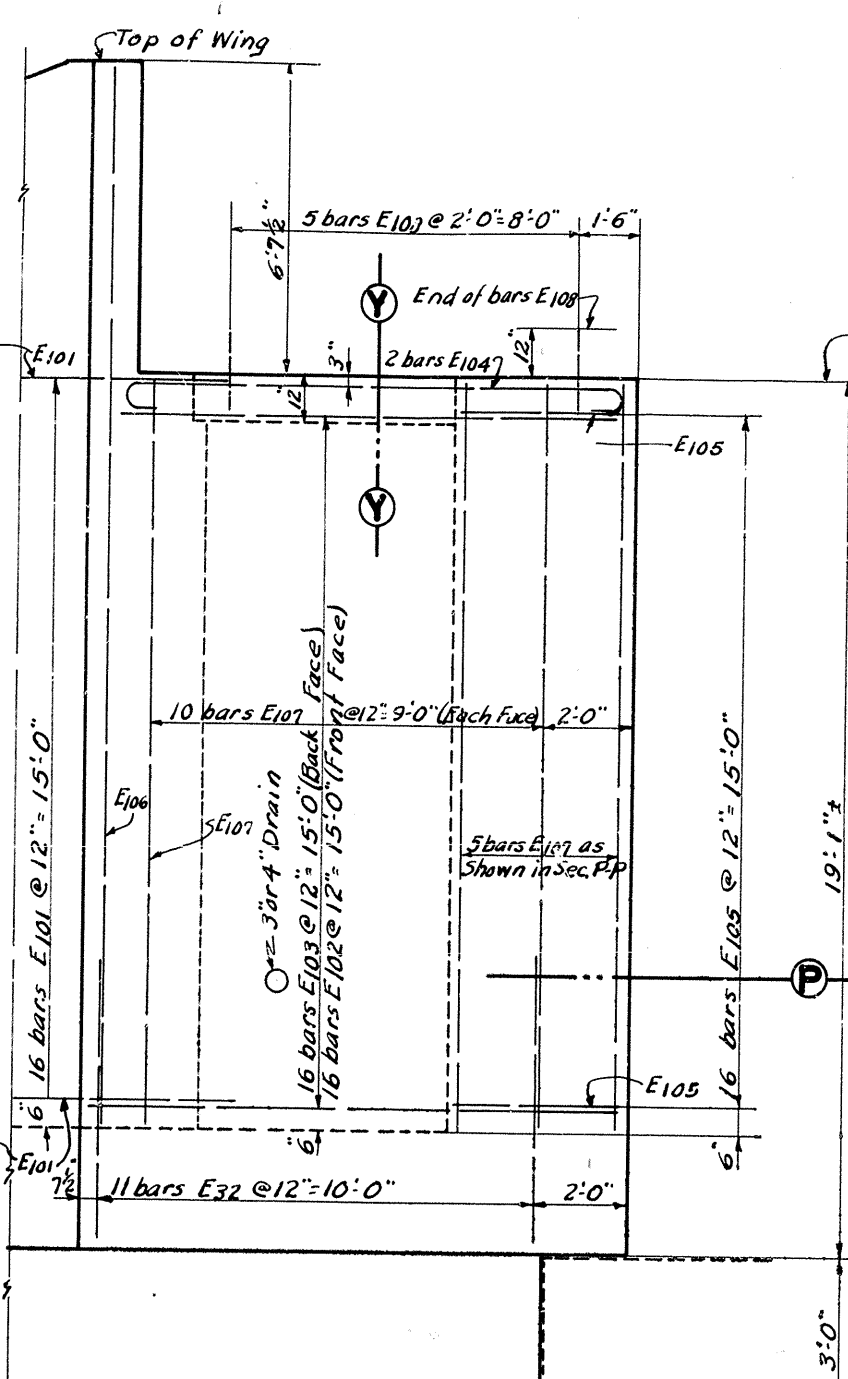
Bridge over Clear Creek Sheet 5 of 8

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE - FRANKFORT
ROAD
STATION 106+72.15 PROJECT NO.
106-106-3

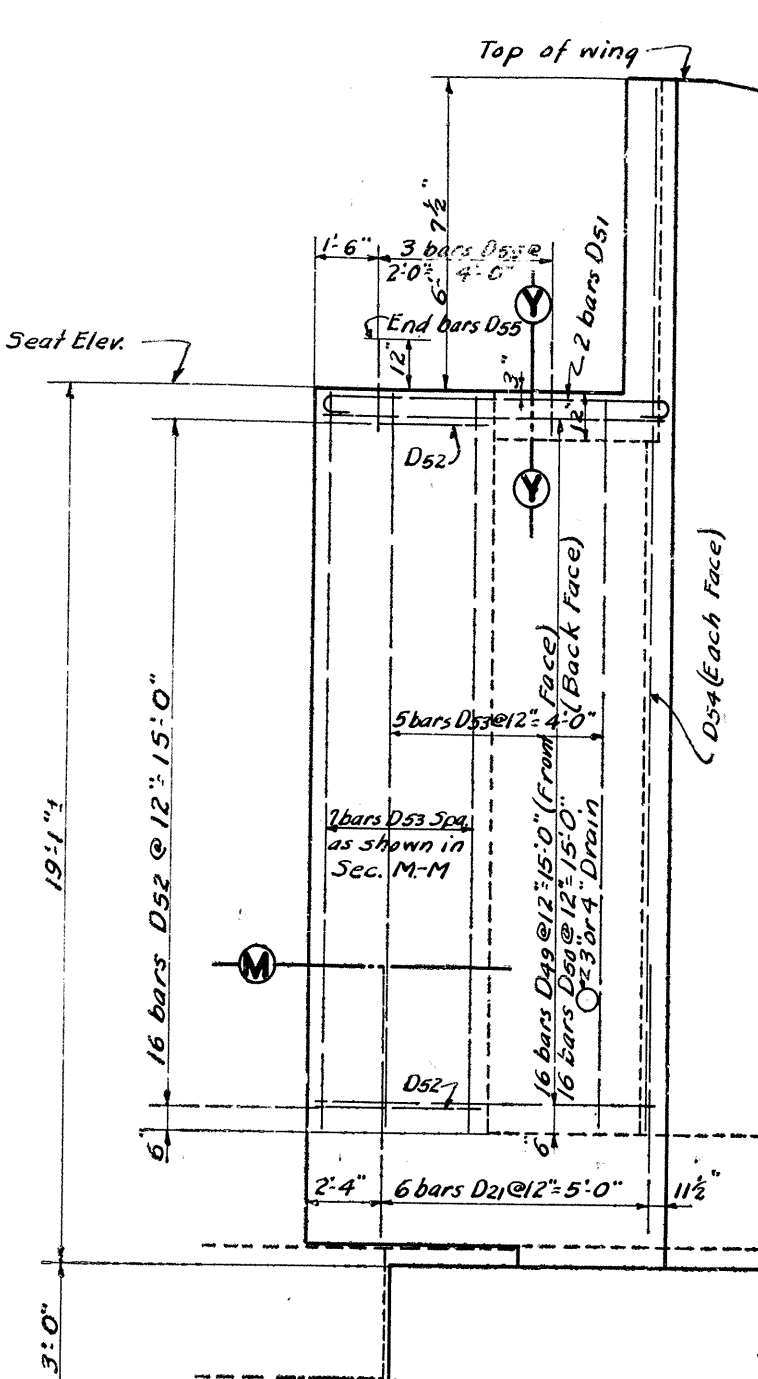
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CHECKED BY: [Signature] DATE: [Date]
APPROVED BY: [Signature] DATE: [Date]



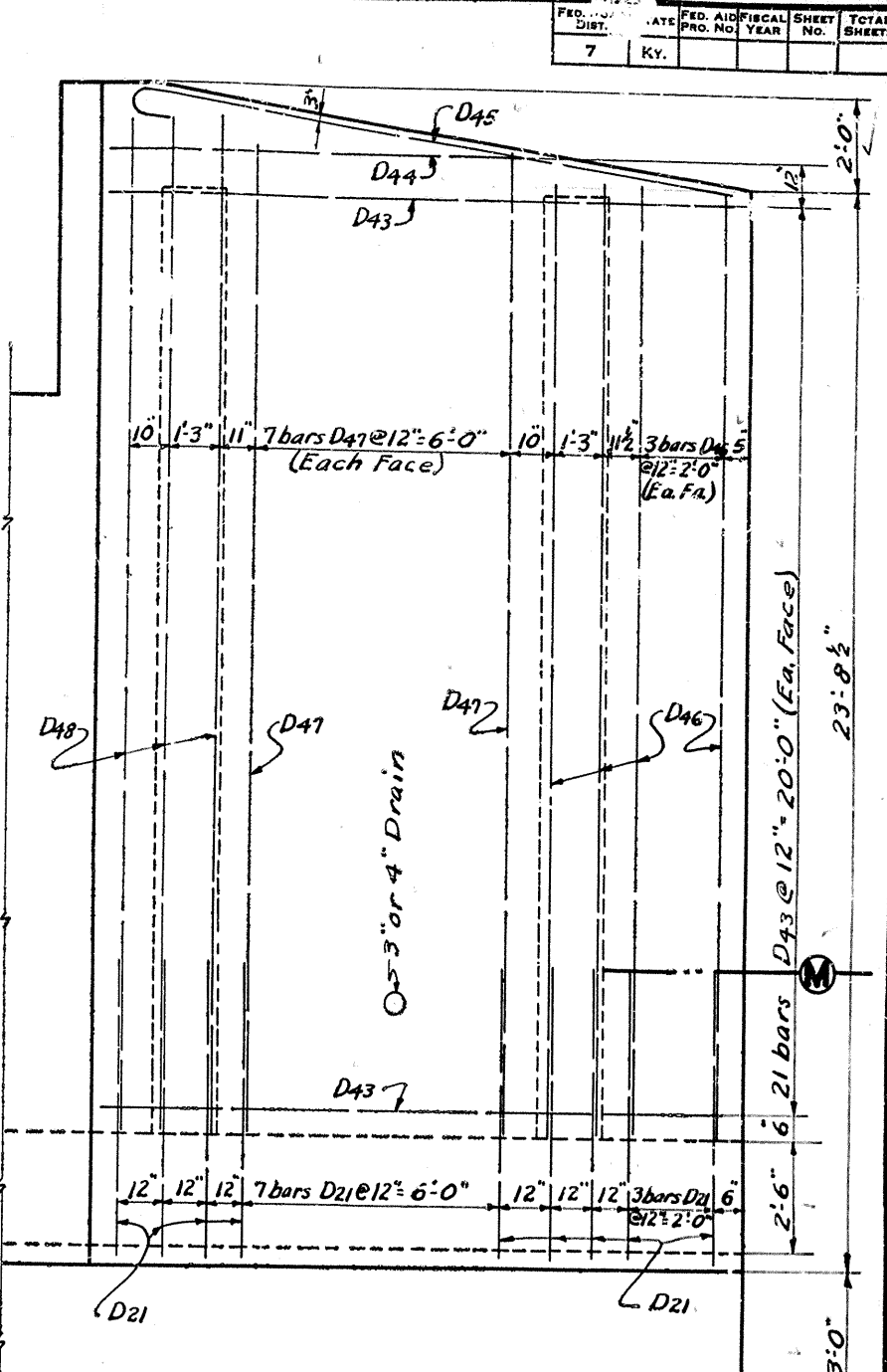
ELEVATION D-D UPSTREAM WING



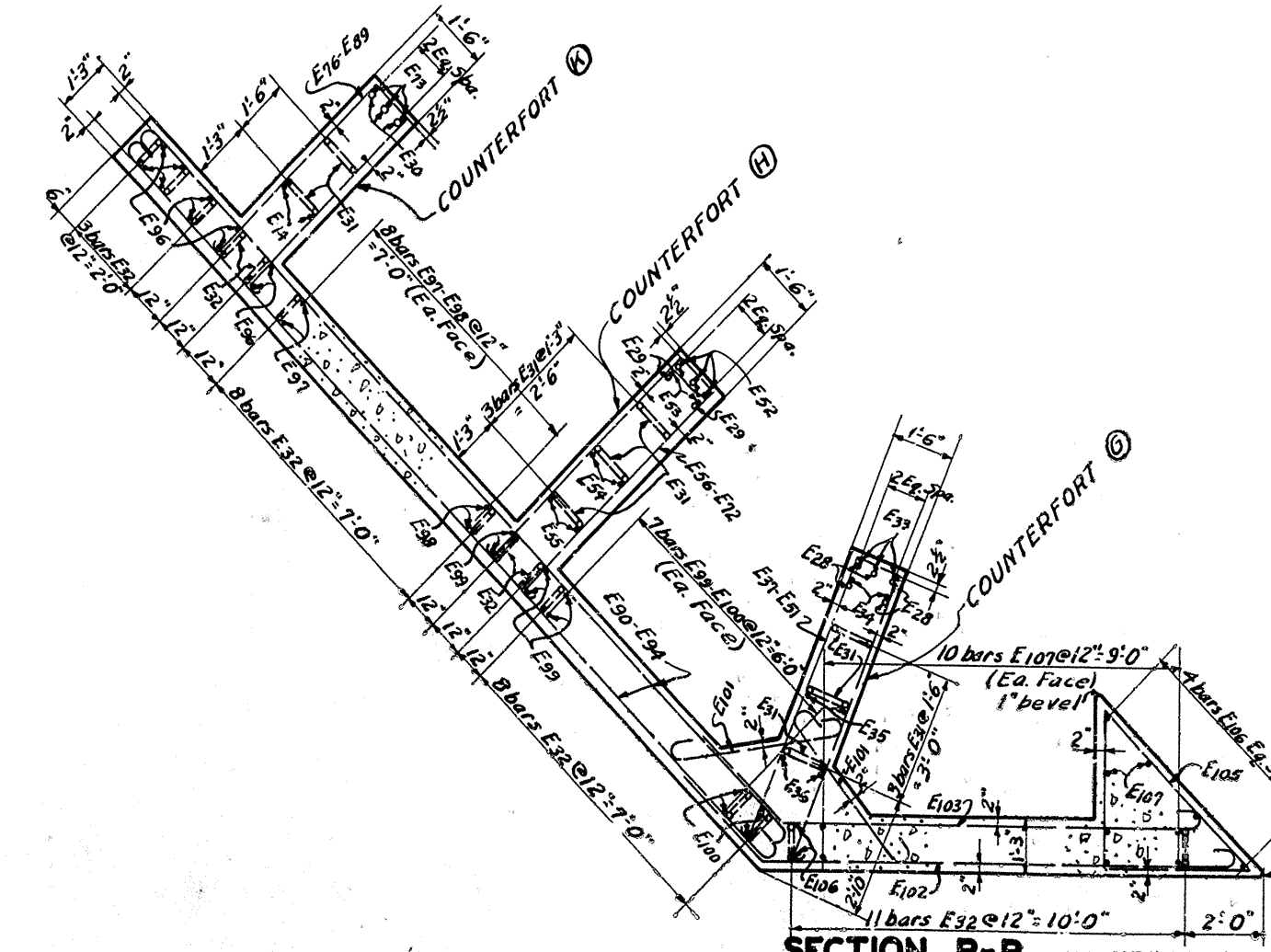
ELEVATION C-C



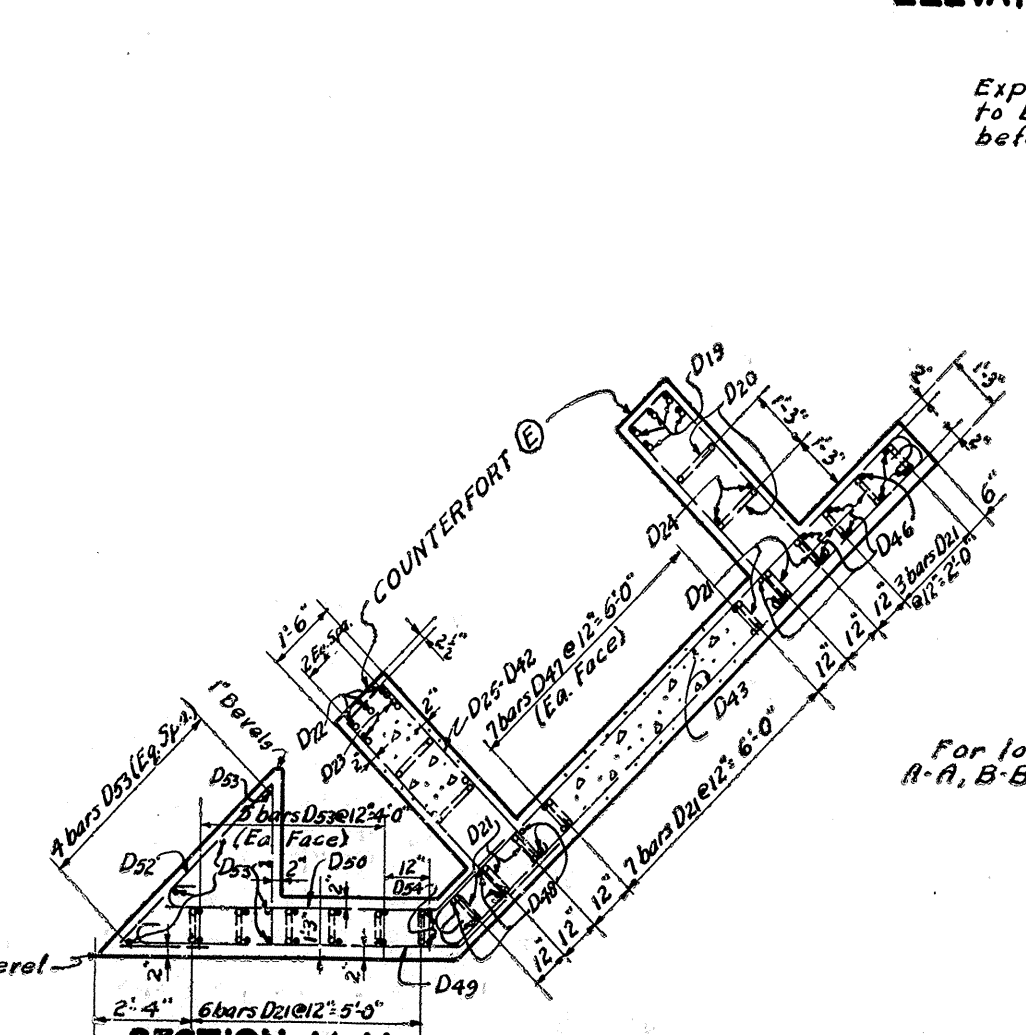
ELEVATION B-B DOWNSTREAM WING



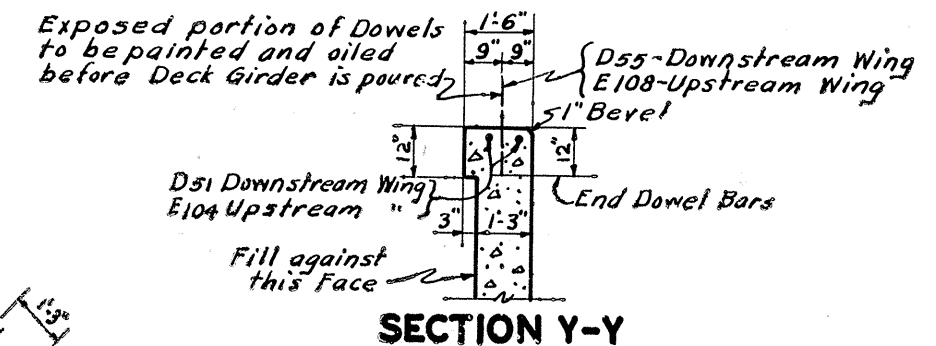
ELEVATION A-A



SECTION P-P UPSTREAM WING



SECTION M-M DOWNSTREAM WING



SECTION Y-Y

For location of Elevations A-A, B-B, C-C, & D-D See Sheet 5 of 11

DETAILS OF ABUTMENT NO. 2 — 3 SHEETS—

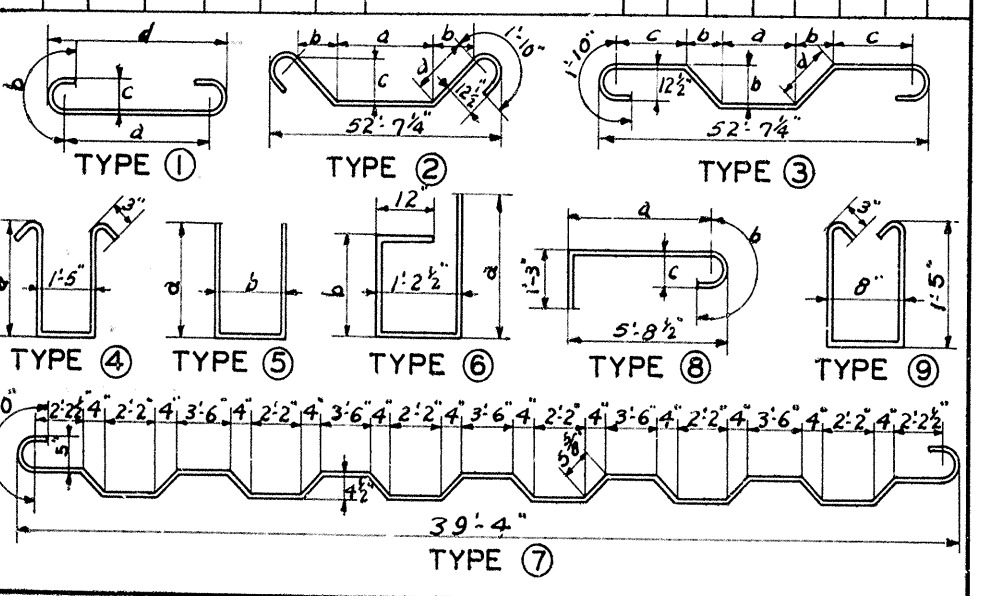
BRIDGE OVER CLEAR CREEK Sheet 6 of 11

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
SHELBY
SHELBYVILLE-FRANKFORT
 ROAD
 STATION 591+23.32 PROJECT NO.
 106-106-3 7716

SECTION E-E

BILL & TYPES OF REINFORCEMENT (FOR DECK GIRDER SPANS)

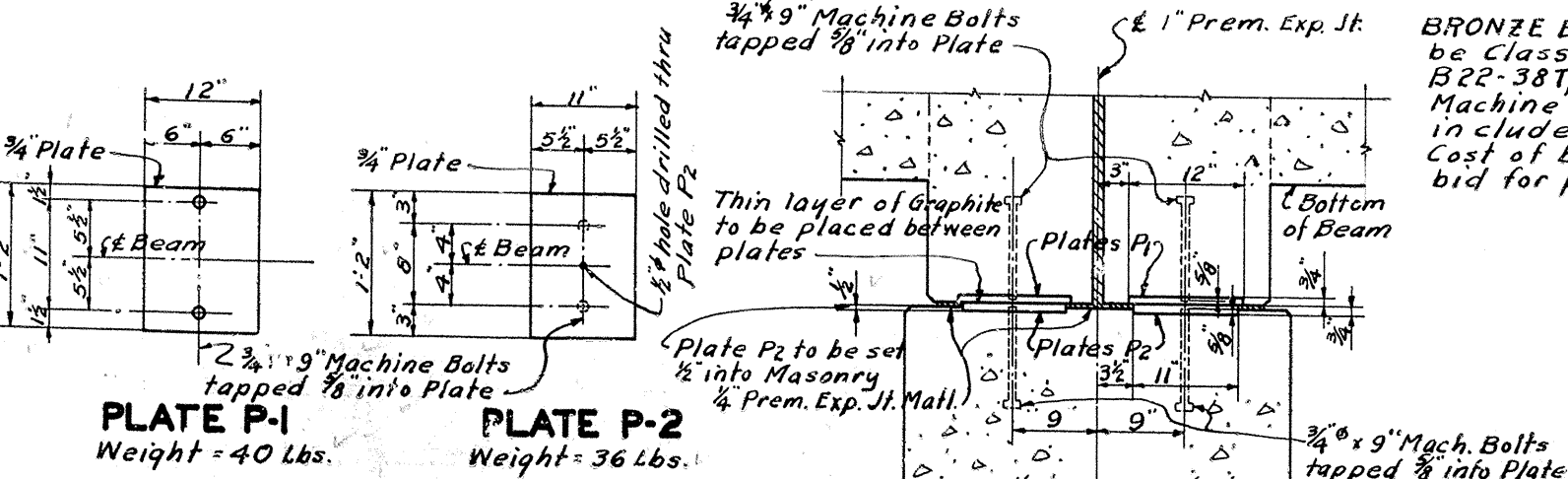
MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d
				FT.		FT.	IN.	FT.	IN.
G1	①	35	1 1/4"	55	Beams	51	7	1	10 1/2
G2	②	4	4"	57	Beam No. 1	43	2	3	10 1/4
G3	③	4	4"	58	" " 1	36	2	4	0 3/4
G4	"	2	2"	58	" " 1	7	2	4	0 3/4
G5	④	4	4"	56	" " 2	44	8	3	1 3/4
G6	⑤	4	4"	57	" " 2	38	8	3	3 3/4
G7	"	2	2"	57	" " 2	32	8	3	3 3/4
G8	⑥	4	4"	57	" " 3	44	6	3	2
G9	⑦	4	4"	57	" " 3	38	6	3	2
G10	"	2	2"	57	" " 3	32	6	3	2
G11	⑧	2	2"	57	" " 4	44	5	3	2 3/4
G12	⑨	2	2"	57	" " 4	38	5	3	2 3/4
G13	"	1	1"	57	" " 4	32	5	3	2 3/4
G14	⑩	148	1/8"	10	" " 1	4	6		
G15	"	148	1/8"	9	" " 2	3	8 1/2		
G16	"	148	1/8"	9	" " 3	3	9 3/4		
G17	"	74	7/16"	9	" " 4	3	10 3/4		
G18	Str.	14	1/4"	39	End walls				
G19	⑪	30	3/8"	9	over Pier	4	1 1/4	1	2 1/2
G20	Str.	8	1/2"	47	Abut.				
G21	⑫	30	"	8	"	3	6 1/4	2	7 1/4
G22	"	8	"	10	"	4	4 1/2	3	8
G23	"	30	"	12	"	5	6 1/4	4	7 1/4
G24	"	8	"	14	"	6	4 1/4	5	9 1/4
G25	Str.	6	1/2"	39	Strut				
G26	⑬	39	3/8"	7	"	3	1	1	0
G27	⑭	100	100	40	Slab	38	11	0	10
G28	⑮	49	49	41	"	38	11	0	10
G29	Str.	164	1/4"	27	Slab & Sidewalk	5	6	0	10
G30	⑯	206	206	7	Sidewalk	5	4 1/2	1	6
G31	"	6	6	8	"	5	4 1/2	1	6



ESTIMATE OF QUANTITIES

FOR SPAN NO. 1
Concrete, Class "A"
Reinforcement 162.7 Cu. Yds.
37300 Lbs.

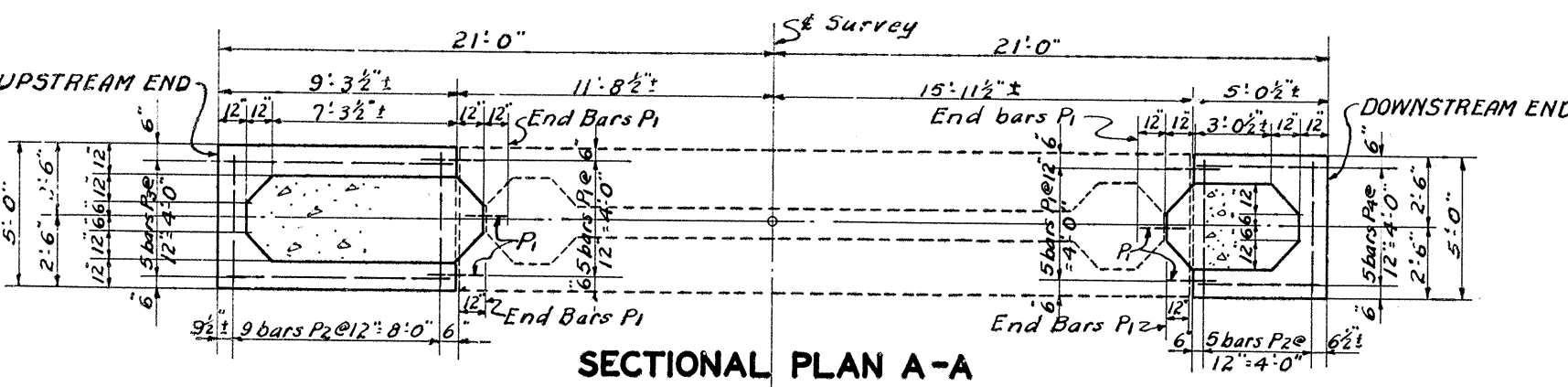
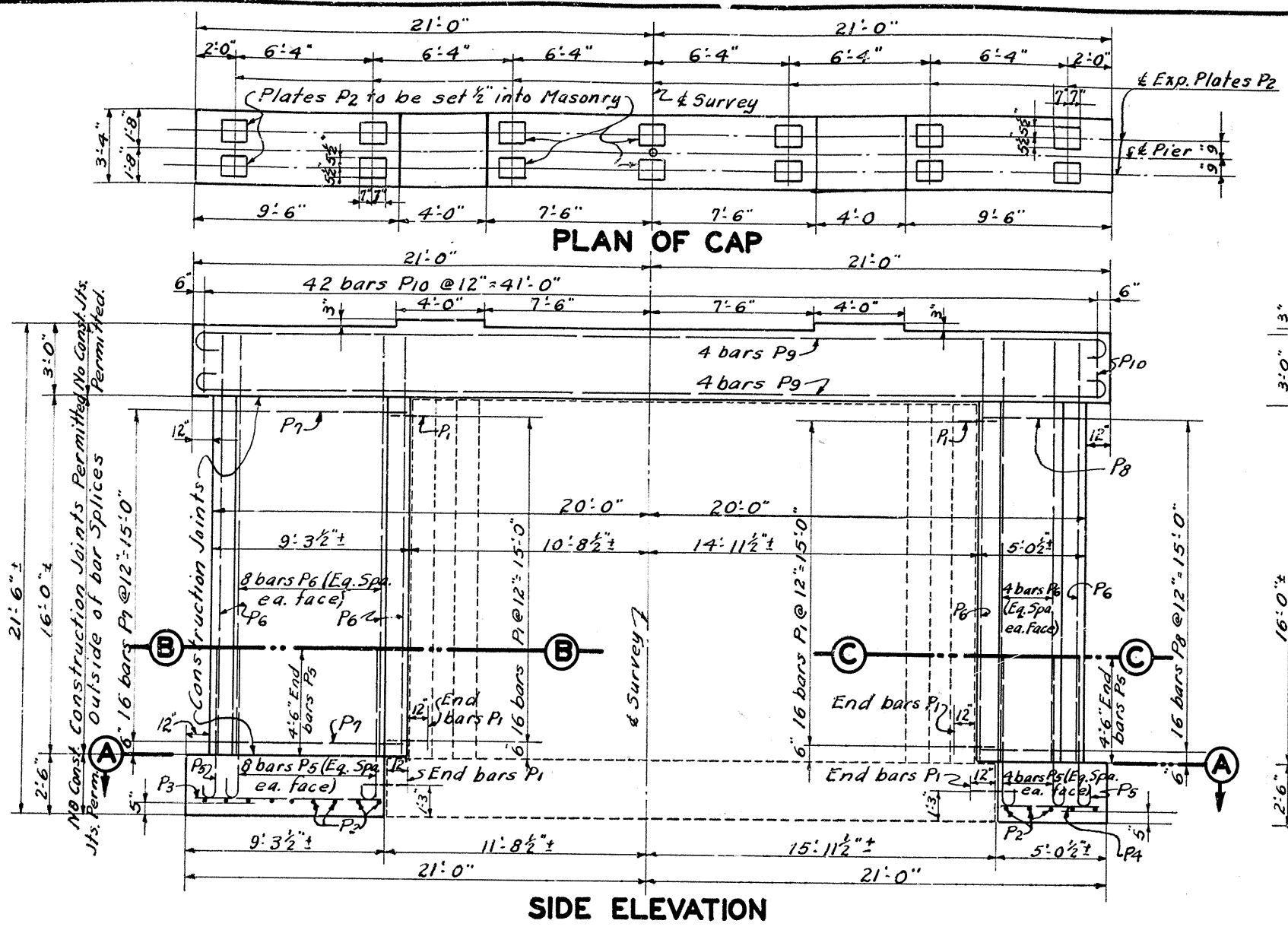
FOR SPAN NO. 2
Concrete, Class "A"
Reinforcement 168.0 Cu. Yds.
37590 Lbs.



DETAILS OF EXPANSION PLATES
14 Plates P1 Required
14 Plates P2 Required

TYPICAL SECTION THRU PLATES ON & BEAMS

DETAILS OF DECK GIRDER SPANS

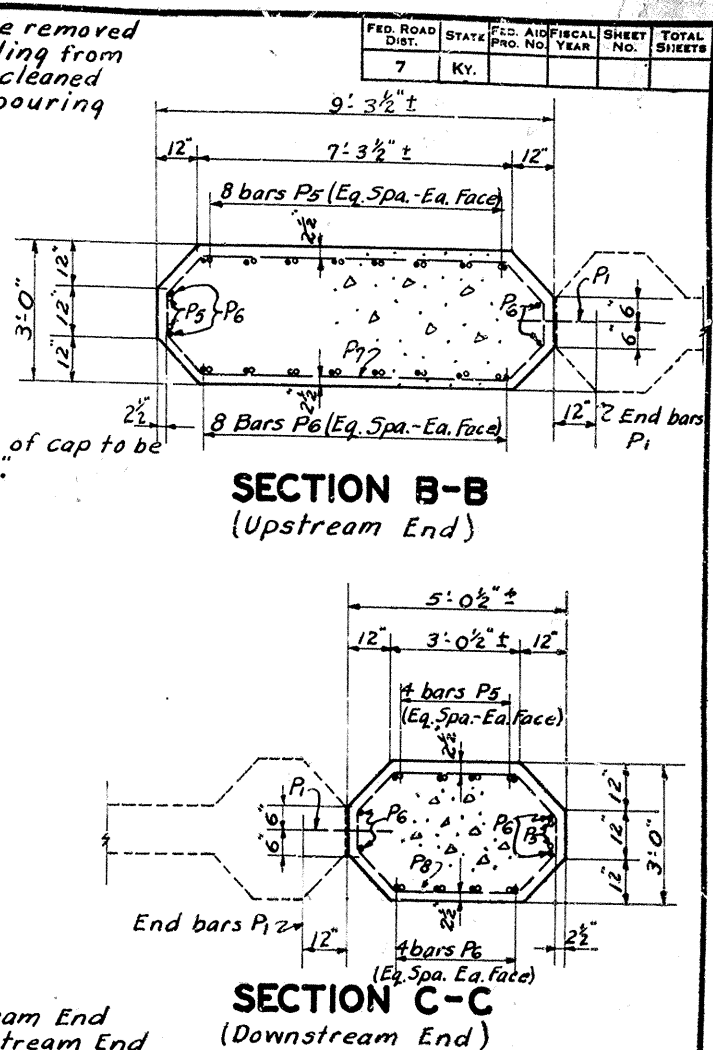
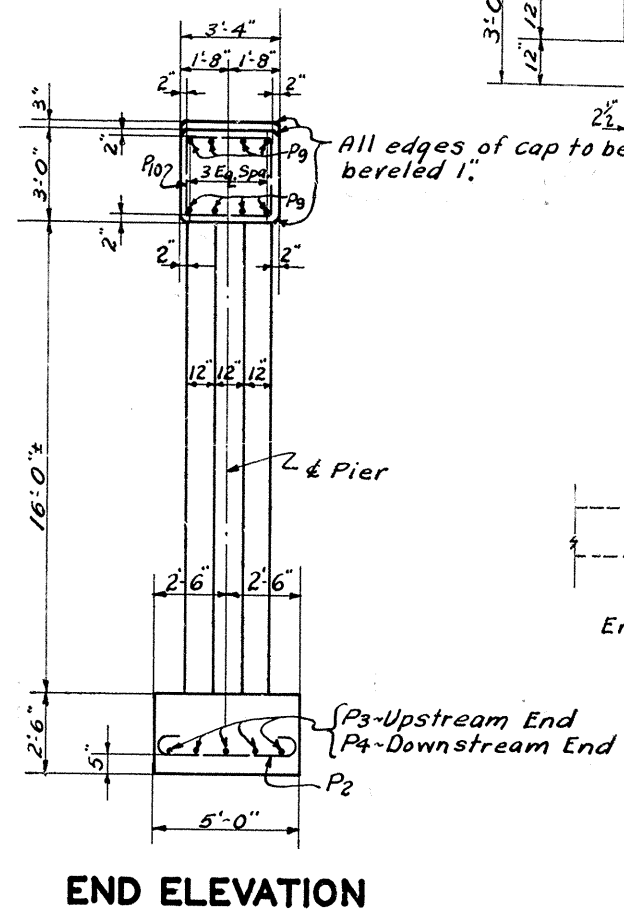


ESTIMATE OF QUANTITIES

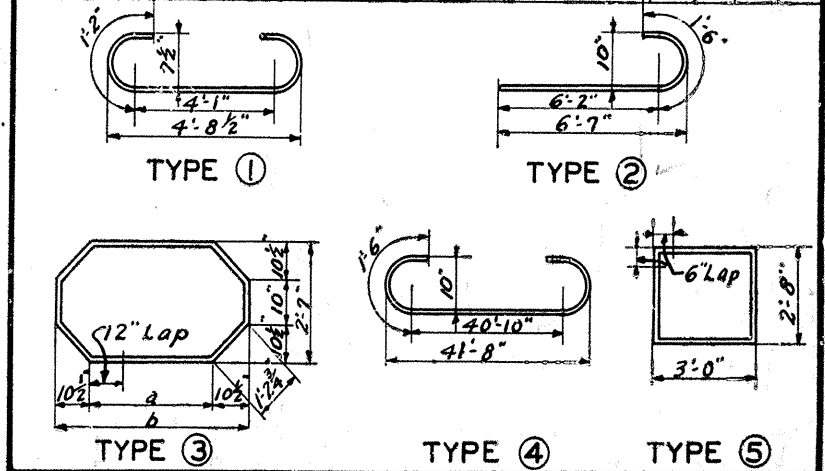
Concrete, Class "A"
Reinforcement 45.5 Cu. Yds.
5070 Lbs.

BRONZE EXPANSION PLATES: ~ All Plates to be Class "B" bronze, A.S.T.M. Specifications B22-38T, with sliding surface finely polished. Machine bolts to be furnished but are not included in weight of Plates given. Cost of bolts to be included in unit price bid for plates.

NOTE: Existing Pier Cap to be removed and Reinforcement extending from Columns and Webwall to be cleaned and straightened before pouring new Cap.



MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d
				FT.		FT.	IN.	FT.	IN.
P1	Str.	42	1/2"	2	Dowels Exist to new Pier				
P2	①	14	3/4"	6	Footing				
P3	Str.	5	1/2"	8	"				
P4	"	5	"	4	"				
P5	②	28	1"	7	Dowels, Footing into Cols.				
P6	Str.	32	"	18	Columns				
P7	③	16	1/2"	21	"	7	1	8	10
P8	"	16	"	13	"	2	10	4	7
P9	④	8	1"	43	Cap				
P10	⑤	42	1/2"	12	"				



BRIDGE OVER CLEAR CREEK Sheet 8 of 11

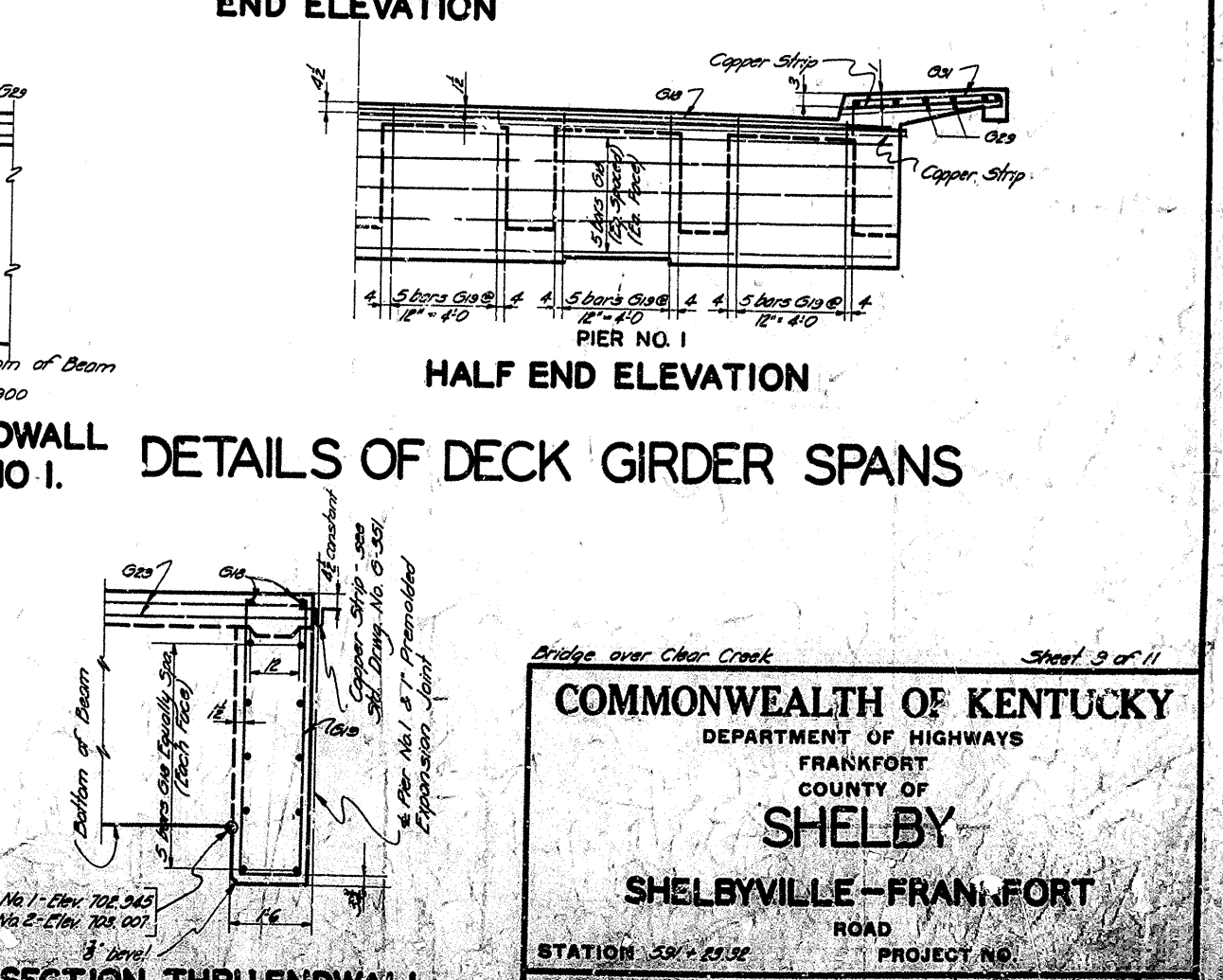
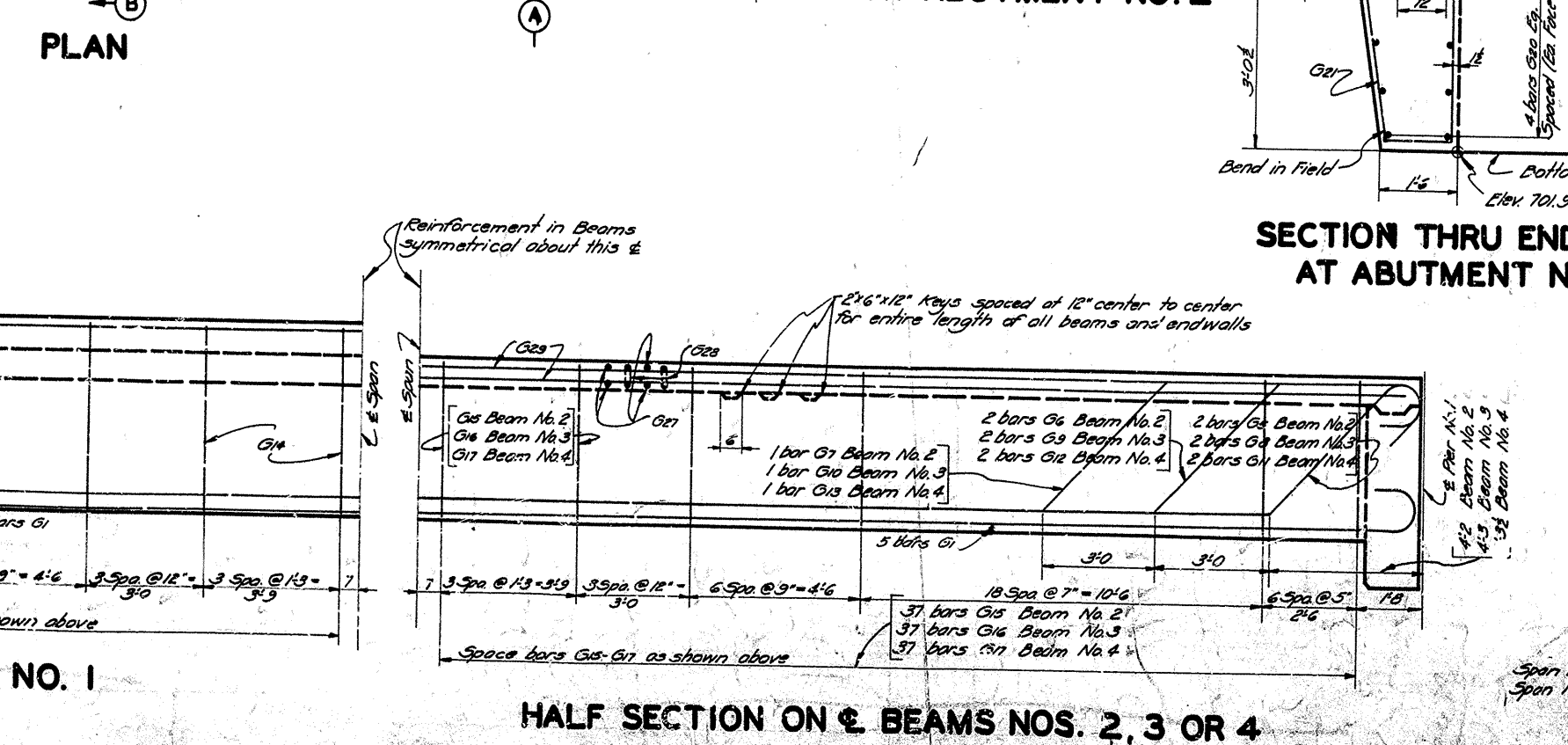
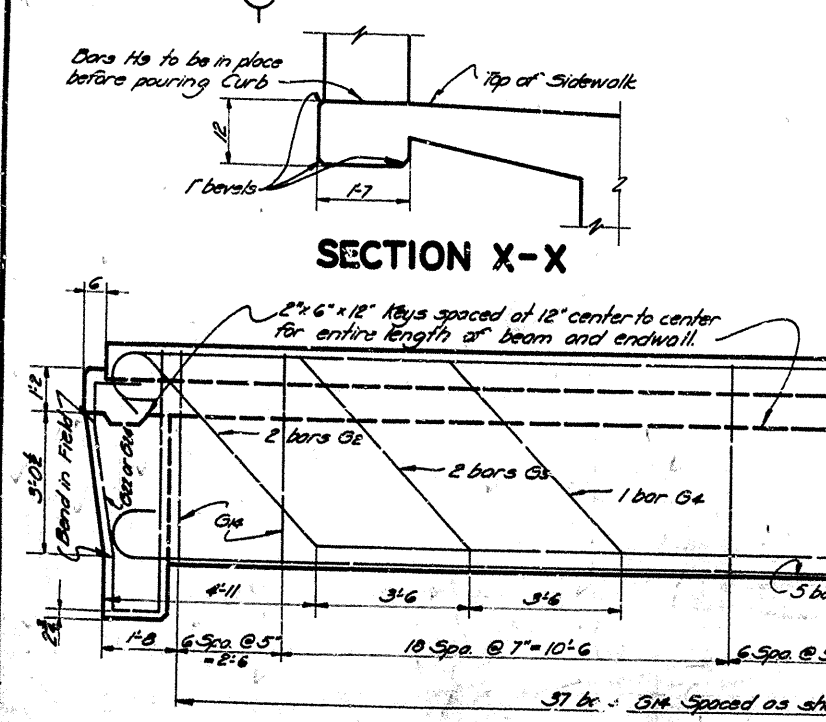
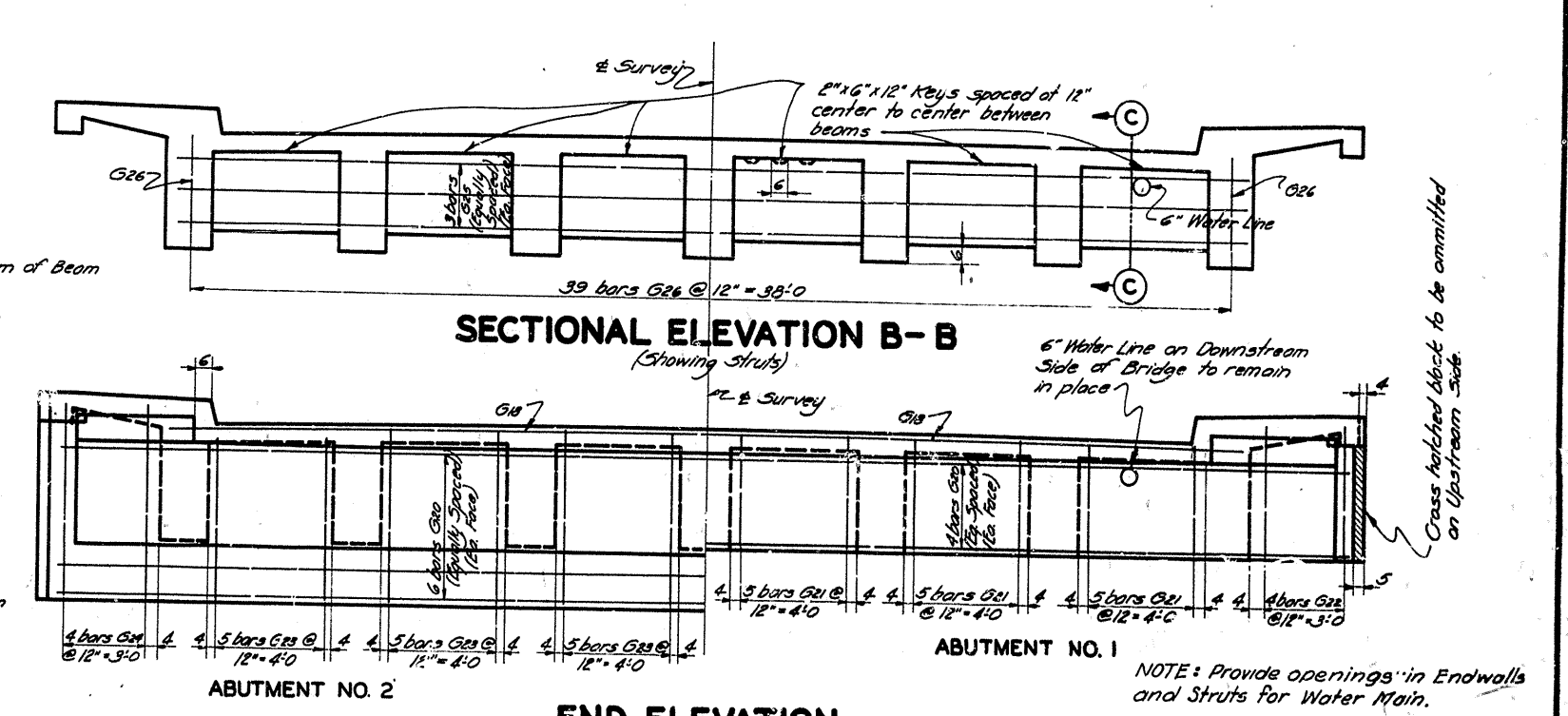
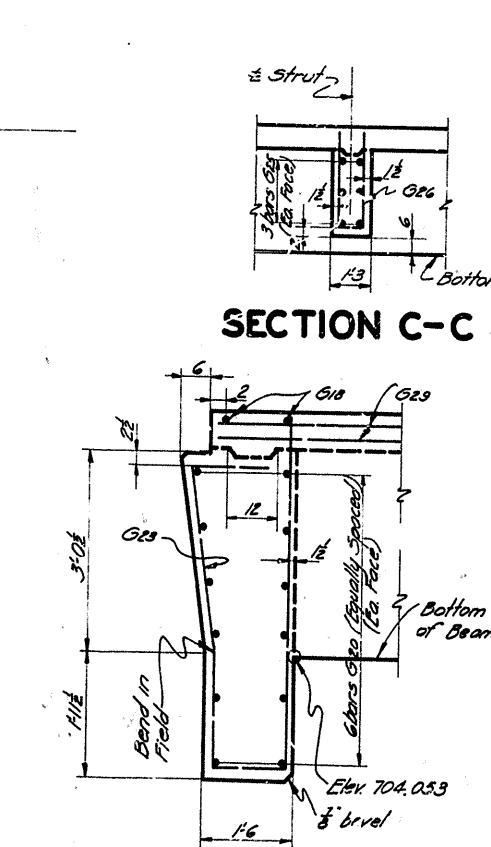
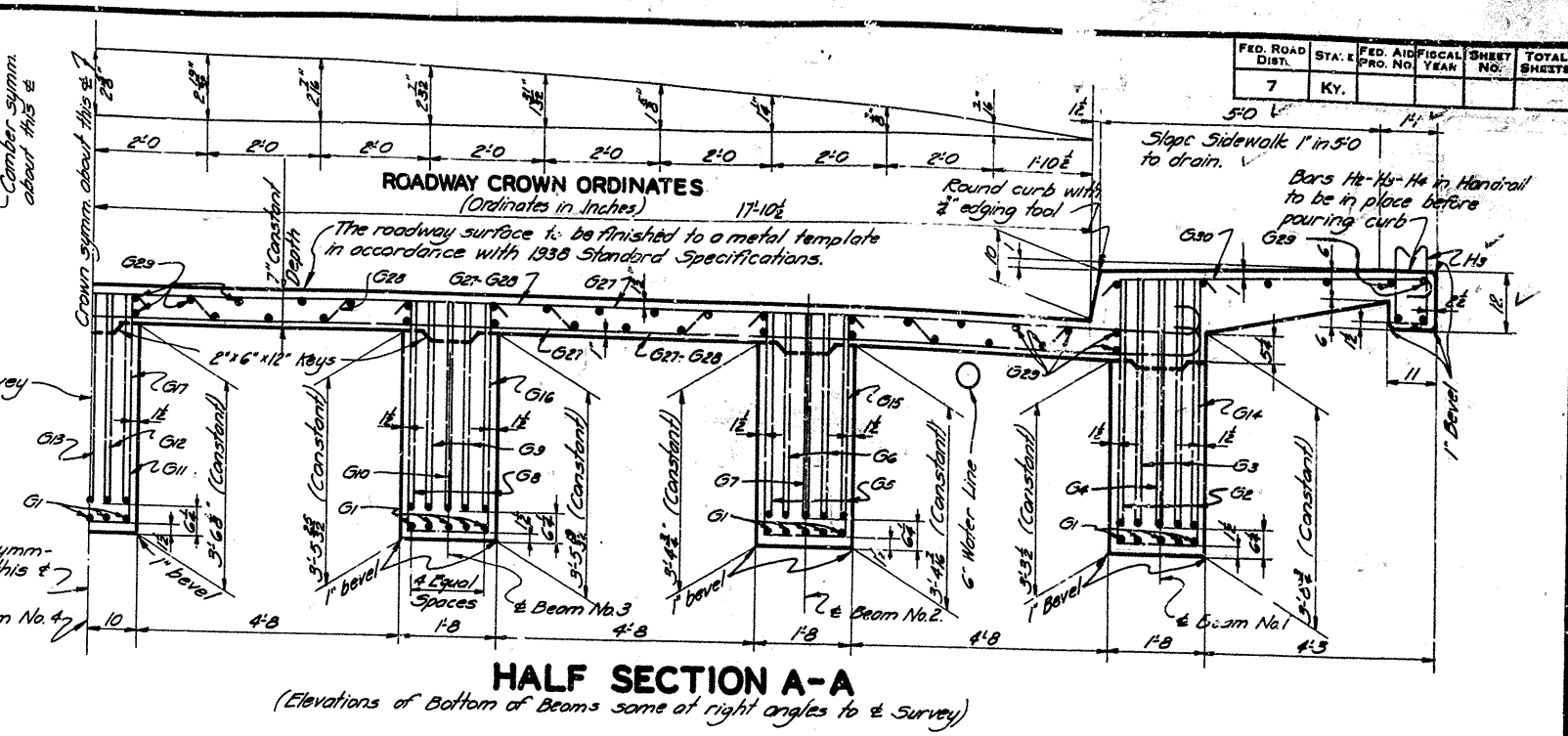
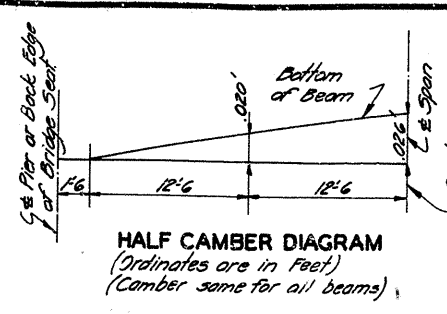
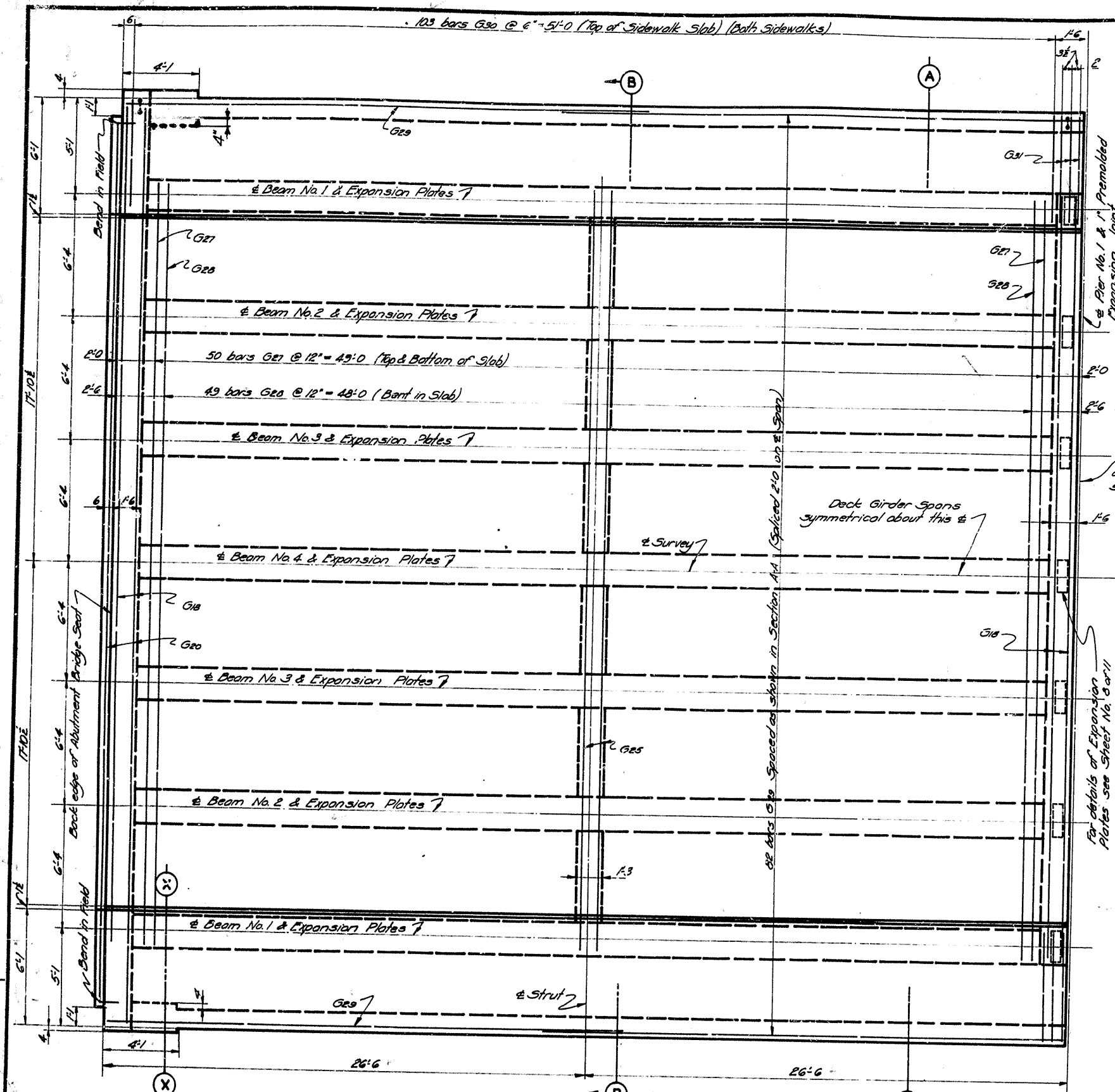
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE-FRANKFORT

ROAD PROJECT NO.
STATION 591+23.32

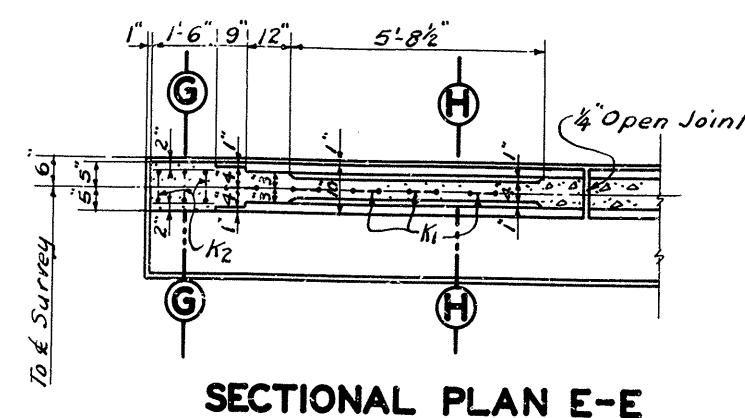
DRAWING NO. 771/6

BRIDGE

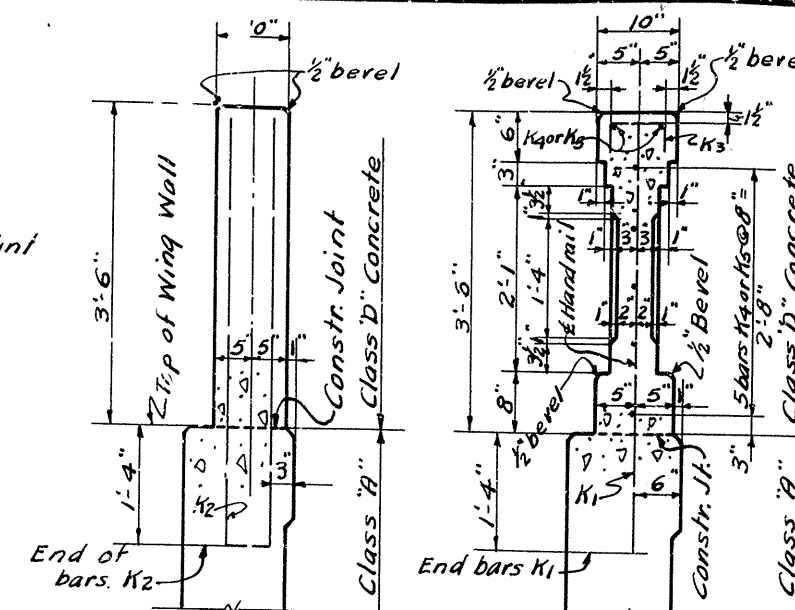
DESIGNED BY: *[Signature]* DATE: *10-41*
 CHECKED BY: *[Signature]* DATE: *10-41*
 REVISIONS: OFFICE FOR MINOR CORRECTIONS
 REVISIONS: *[Signature]* DATE: *10-41*
 REVISIONS: *[Signature]* DATE: *10-41*



Bridge over Clear Creek
 Sheet 9 of 11
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
SHELBY
SHELBYVILLE-FRANKFORT
 ROAD PROJECT NO.
 STATION 39+23.52
 DATE 7/16



SECTIONAL PLAN E-E



SECTION G-G

SECTION H-H

BILL AND TYPES OF REINFORCEMENT						
MARK	TYPE	No	SIZE	LENGTH		LOCATION
				FL	IN.	
K1	(1)	18	½" 9	9	10	Wing Wall into Handrail
K2	"	3	"	9	8	
K3	"	24	"	0	11	Top of Rail
K4	Str.	7	"	9	6	Rail
K5	"	14	"	7	5	"

TYPE (C)

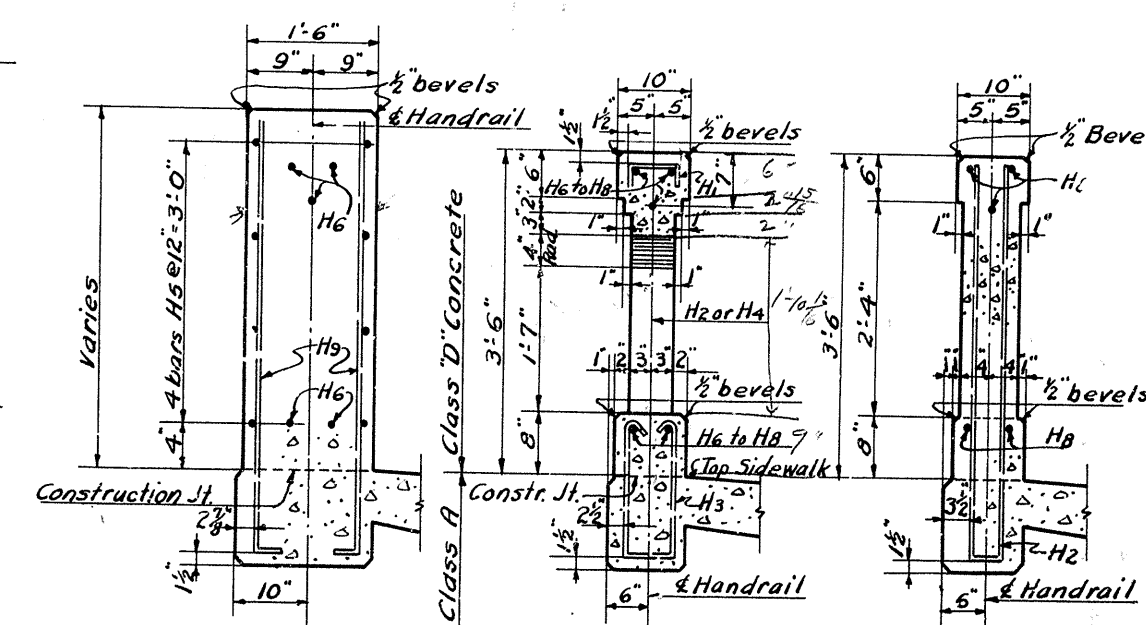
ESTIMATE OF QUANTITIES

Concrete, Class "D"
Reinforcement

2.0 Cu. Yds.
340 Lbs.

SECTION G-G

DETAILS OF HANDRAIL ON UPSTREAM WING OF ABUTMENT NO. 1

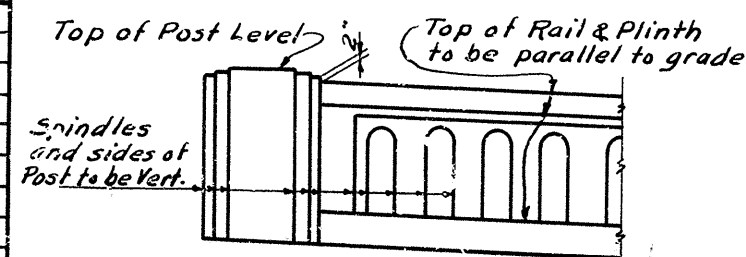


SECTION A-A

SECTION B-B

SECTION C-C

SECTIONAL PLAN-END POST										
BILL & TYPES OF REINFORCEMENT							(For one Span)			
MARK	TYPE	No	SIZE	LENGTH		LOCATION	a		b	
				FT	In.		FT	In.	FT	In.
H1	①	72	1/2"	0	11	Top of Rail	4	3	0	7
H2	"	78	"	8	9	Curb to top of Rail	4	3	0	5
H3	②	70	"	3	9	Curb to Plinth				
H4	③	4	"	4	5	" " top of Rail	4	3		
H5	④	8	3/8"	9	1	End Post				
H6	3tr	10	1/2"	3	0	Top of Rail & Plinth				
H7	"	20	"	11	9	" " " "				
H8	"	10	"	13	8	" " " "				
H9	⑤	28	1/2"	4	7	End Post	4	5		



PART ELEVATION

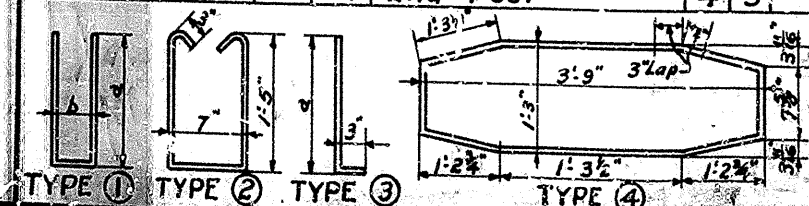
(Showing relation of Spindles & Posts to Grade)

ESTIMATE OF QUANTITIES

FOR ONE SPAN

Concrete, Class "D"	7.9	Cu. Yds.
Reinforcement	1350	Lbs.

NOTE~ Bevel all Corners of Post and rail
1/4" unless shown otherwise.



DETAILS OF HANDRAIL

COMMONWEALTH OF KENTUCKY

DEPARTMENT OF HIGHWAYS

FRANKFORD

COUNTY O

SHELBY

SHELBYVILLE-FRANKFORT

ROAD

STATION 591+23.32

PROJECT NO

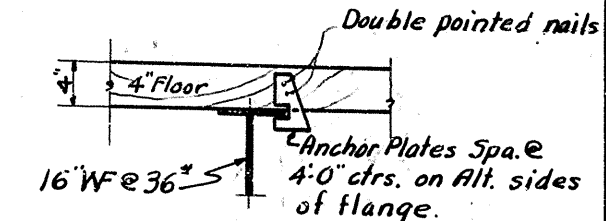
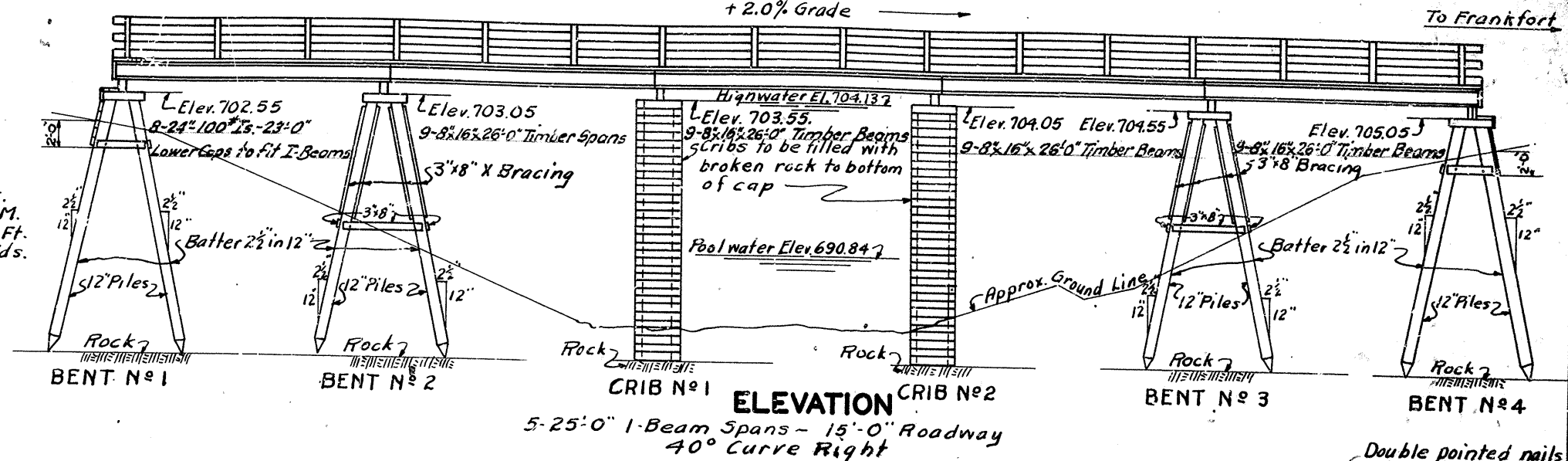
NAME _____

7

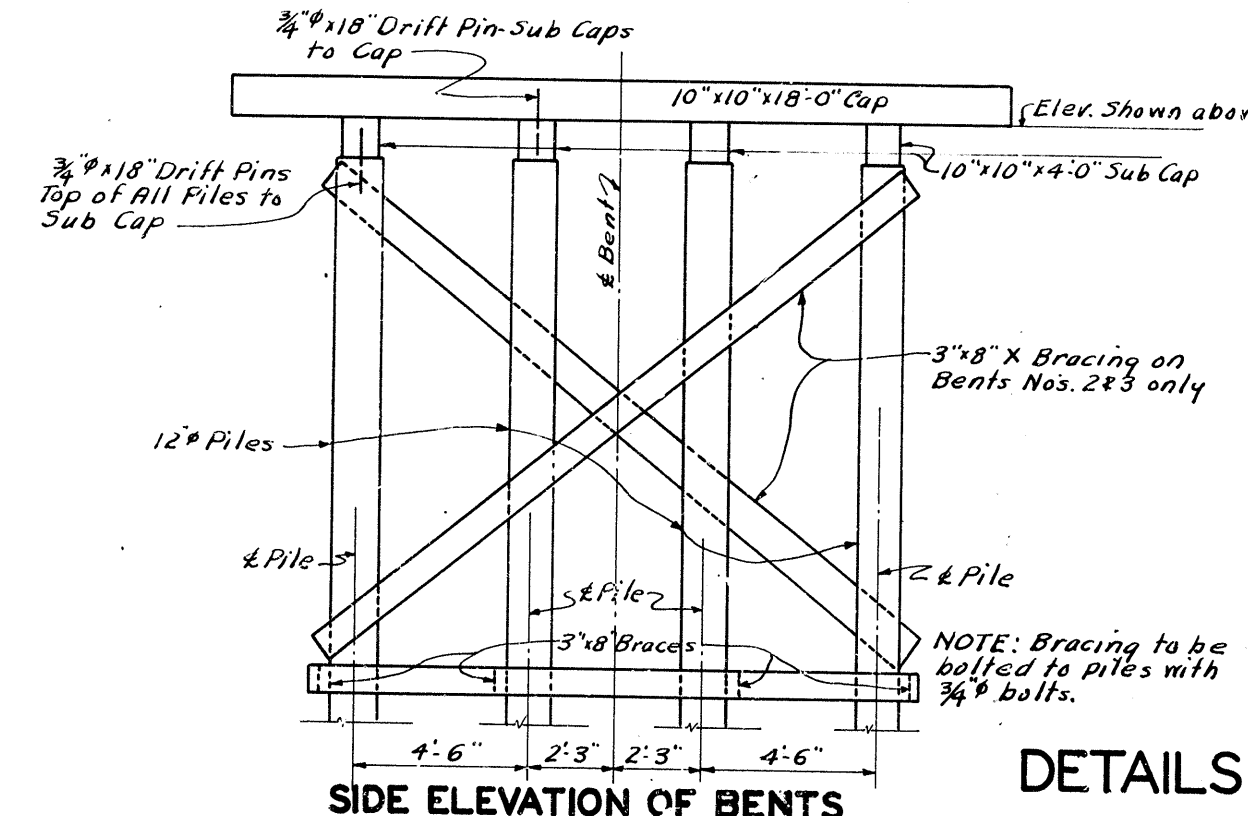
ESTIMATE OF QUANTITIES

~APPROXIMATE ONLY~
(See note for Payment)

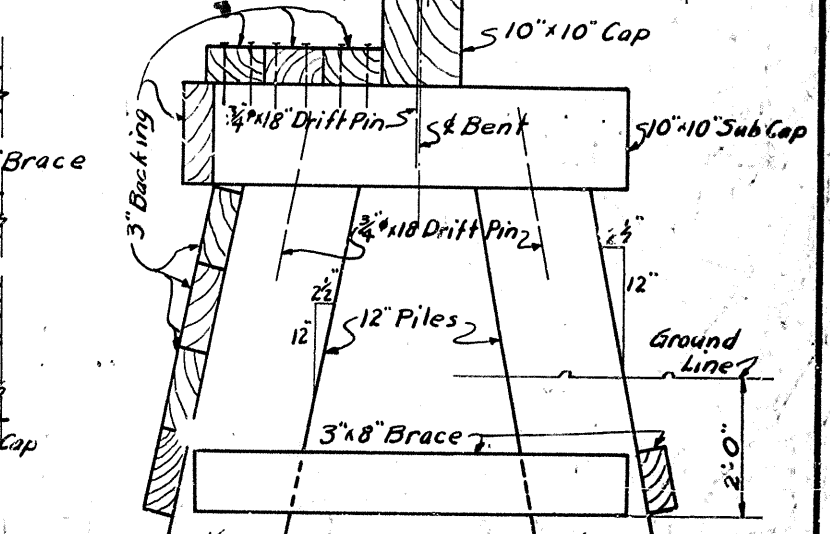
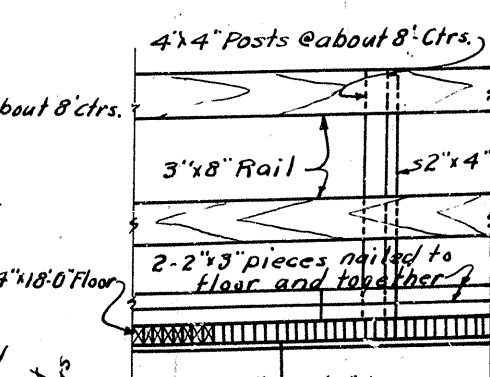
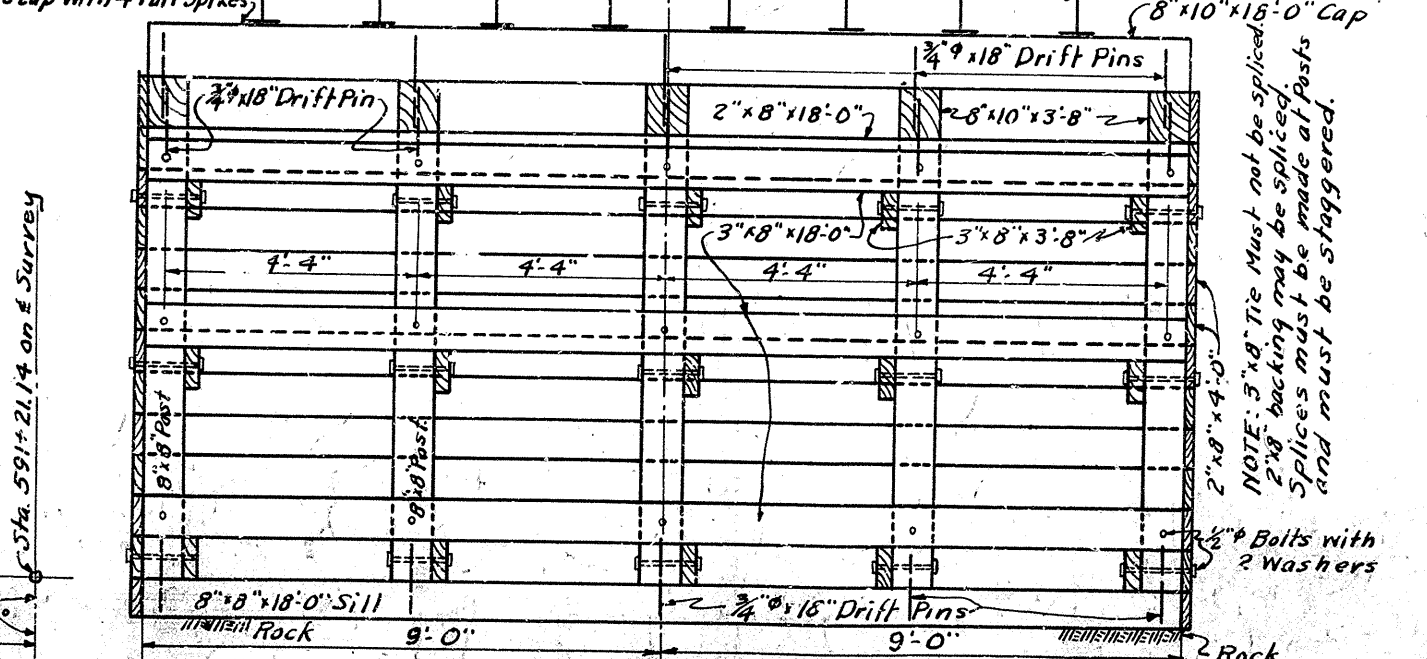
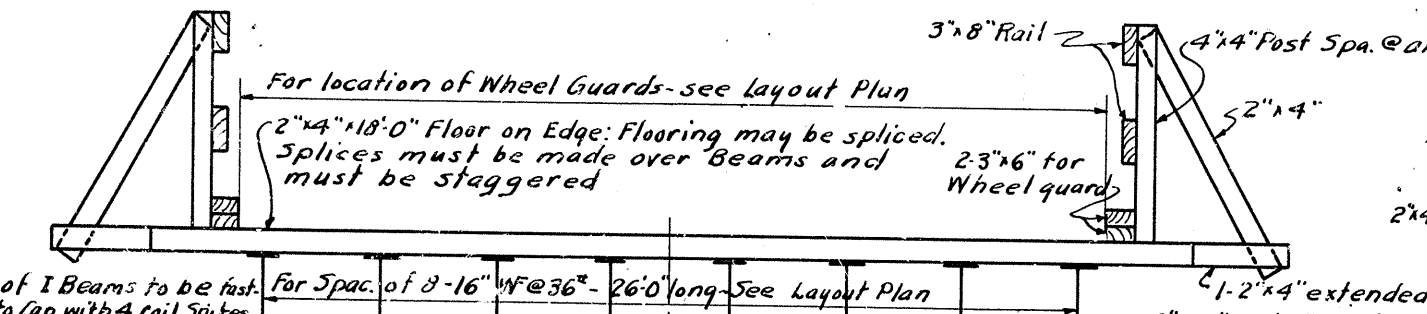
Structural Steel 38000 Lbs.
Hardwood Timber 22,000 M.B.M.
32 Untreated Hardwood Piles 800 Lin. Ft.
Broken Stone 120 Cu. Yds.



NOTE:
LOAD: ~ Designed for H-10
TIMBER: ~ Structural Hardwood Timber and Plank Conforming to Sec. 7.19.3.0 of Specifications.
PILES: ~ To be untreated Hardwood Piling Conforming to Section 7.19.5 of Specifications.
PAYMENT: ~ The cost of materials, labor, maintenance and removal after permanent bridge is open to traffic, (in accordance with Specifications) shall be included in Lump Sum Price Bid.
SALVAGE: ~ After removal, all materials in the temporary bridge remain the property of the Contractor.



DETAILS OF TEMPORARY BRIDGE



Temporary Bridge over Clear Creek Sheet 11 of 11

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
SHELBY
SHELBYVILLE-FRANKFORT

STATION 591+22.92 PROJECT NO. 7/76

DESIGNED BY: [Name] DATE: 2-11-41
CHECKED BY: [Name] DATE: 7-40
APPROVED BY: [Name] DATE: 7-40

