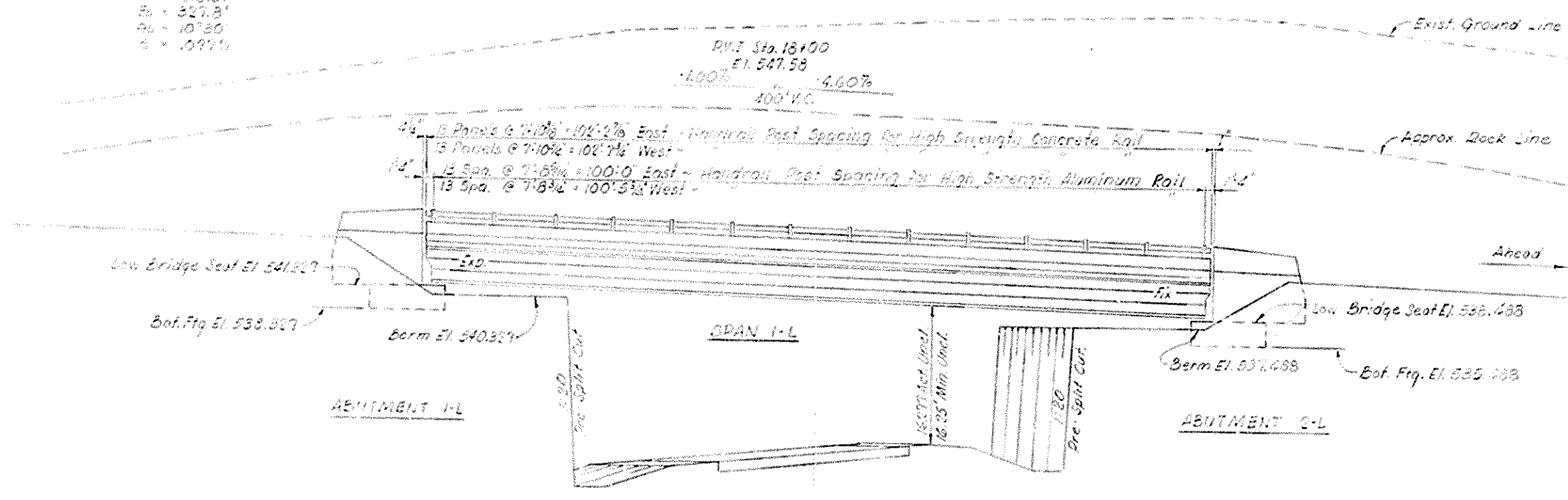
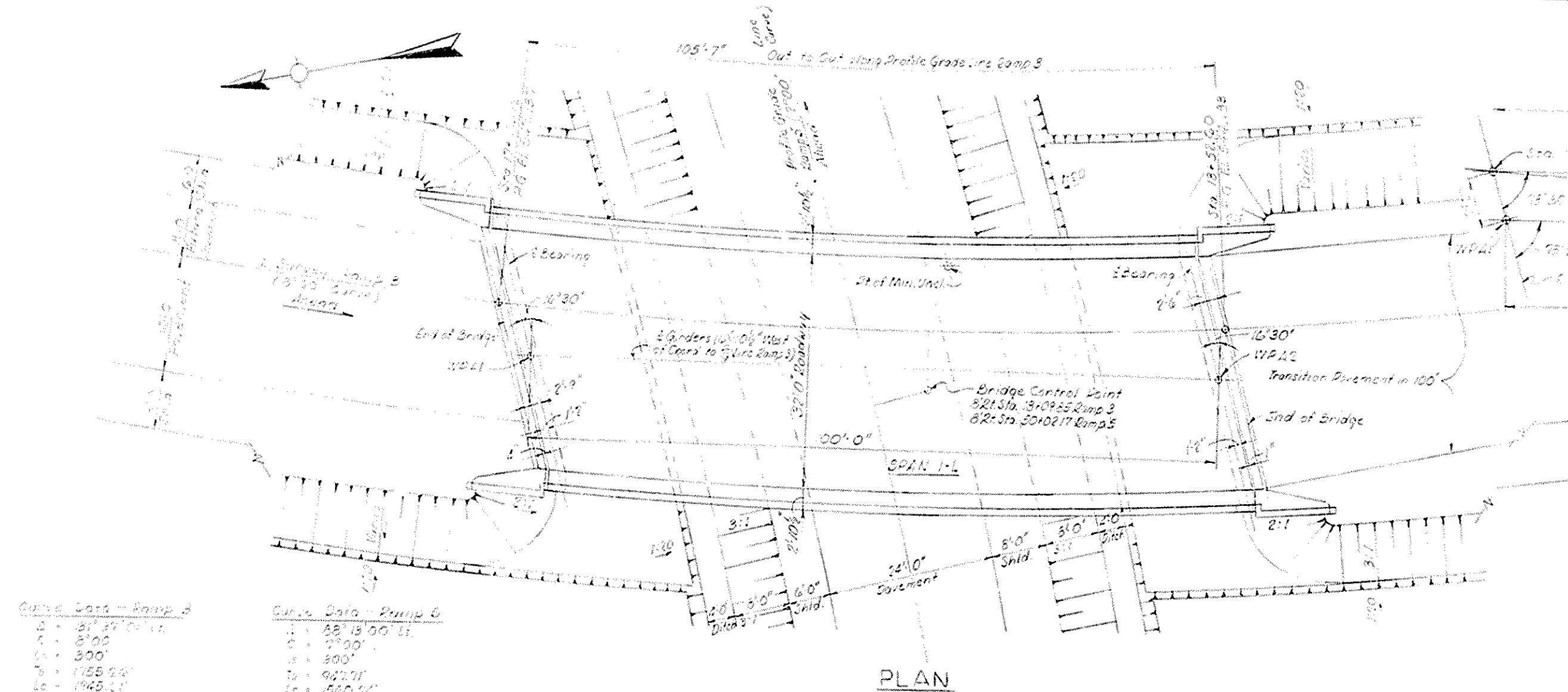
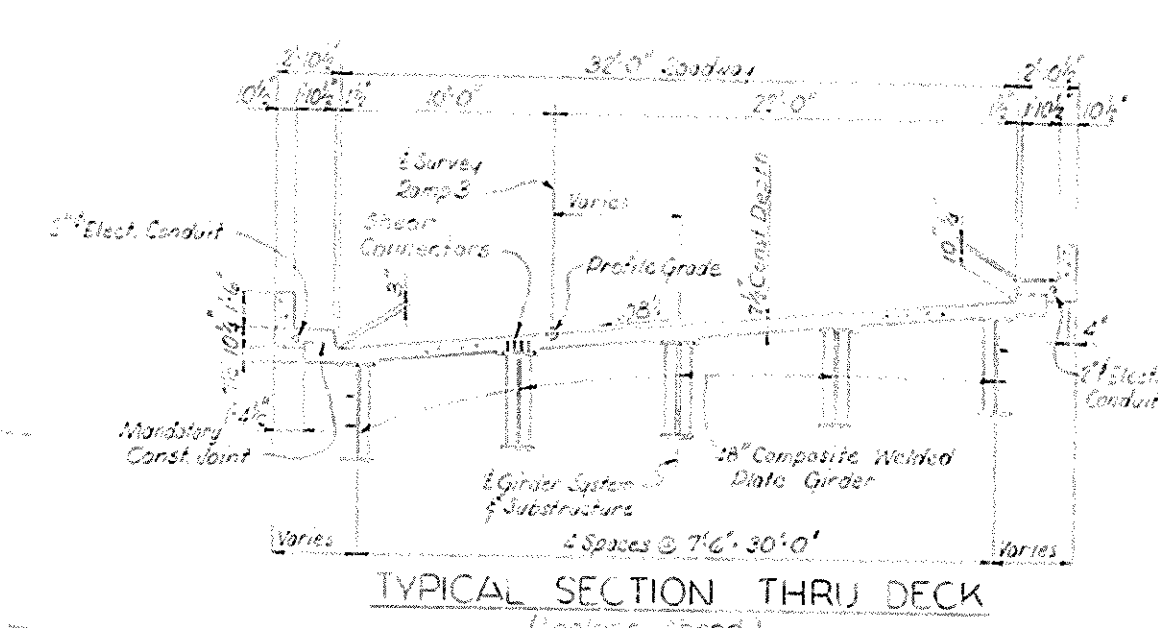




LAYOUT ~ LOWER BRIDGE

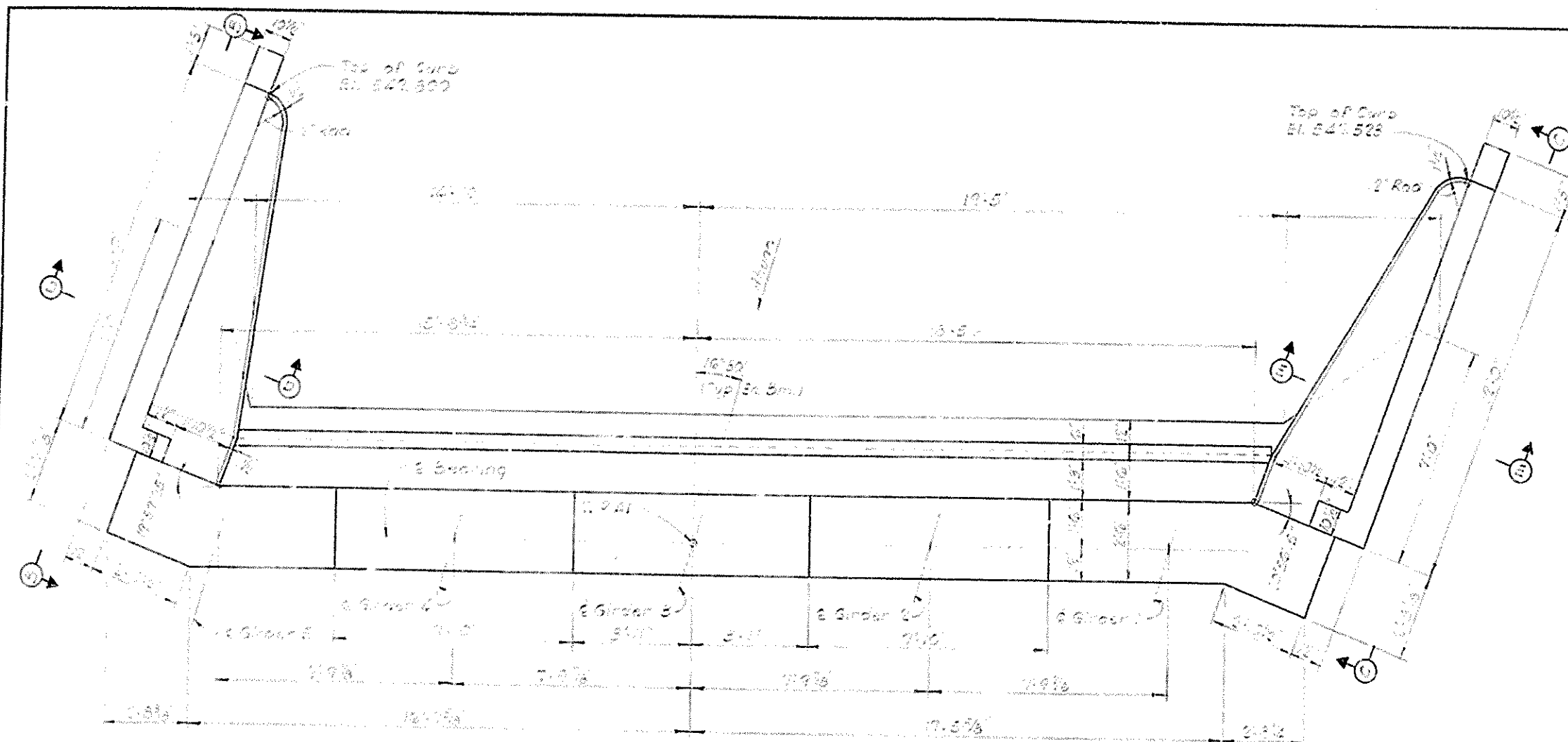
CHECKED BY	DATE		DIVISION	DATE
H7B	8-9-60	ENTERED IN	FVND	8-10-60
ZSA	DGM	ENTERED IN	FVND	8-10-60
HANDLED BY	DATE		DIVISION	DATE

Camp 2, I-75 over Camp 5, I-75 Sheet 2
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON
ROAD
STATION 621.13+29.85 Camp 5 PROJECT NO. SP56-013-17

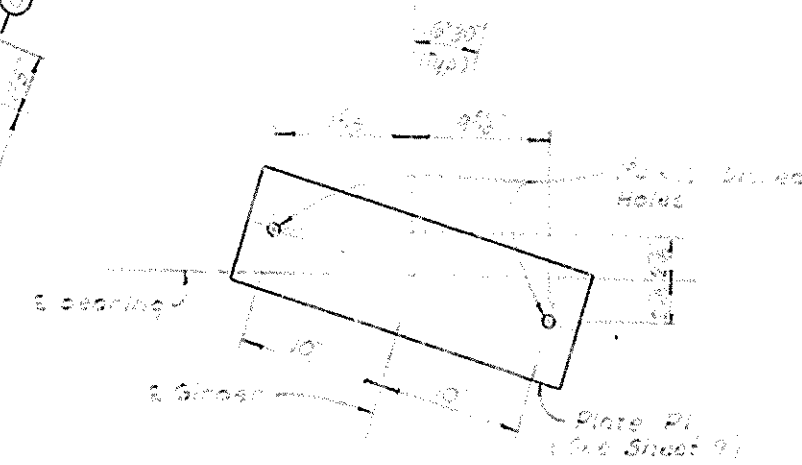
BRIDGE	DRAWING	INDEX
NUMBER	16346	
	NO.	

BRIDGE

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

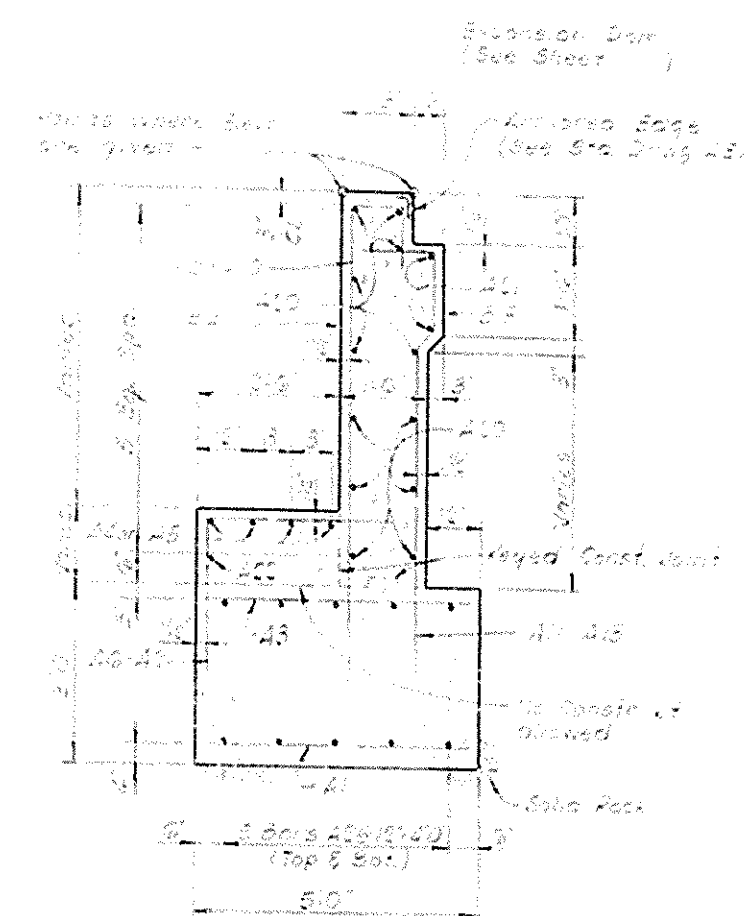


PLAN
(Showing Dimensions)

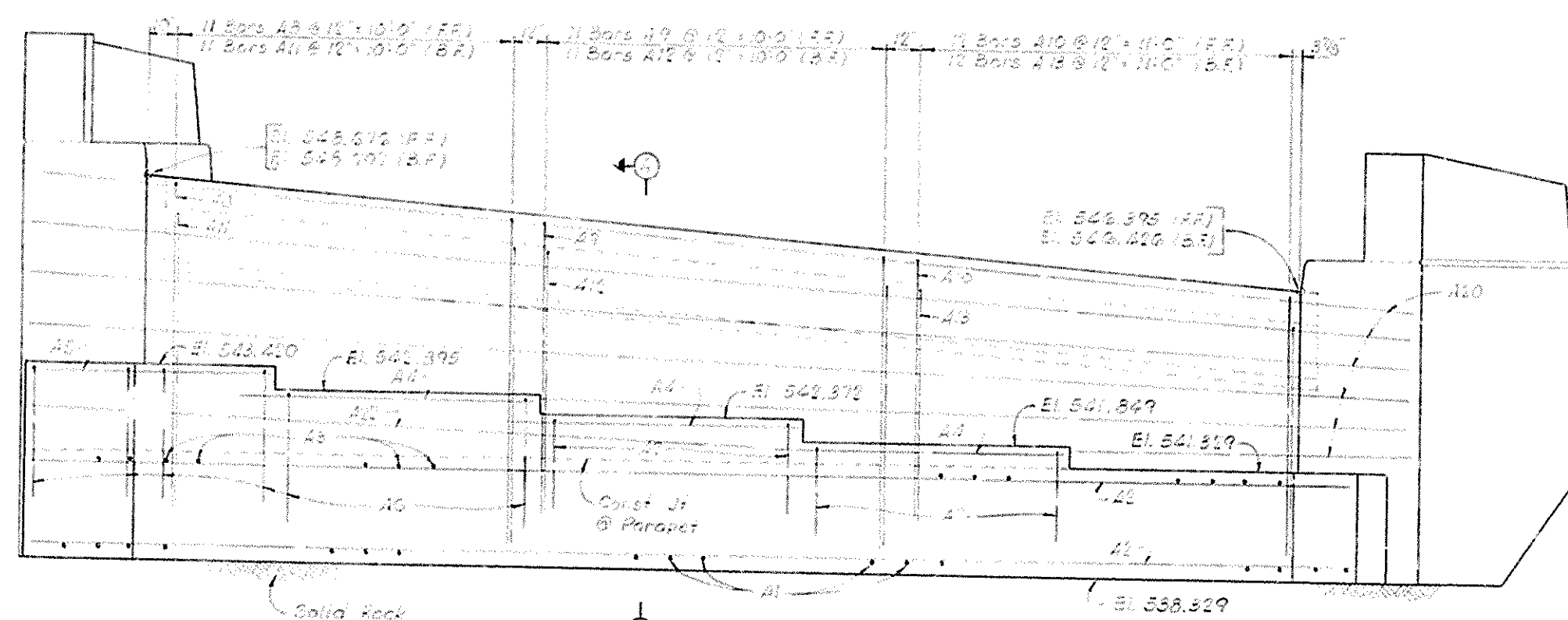


ANCHOR BOLT LAYOUT

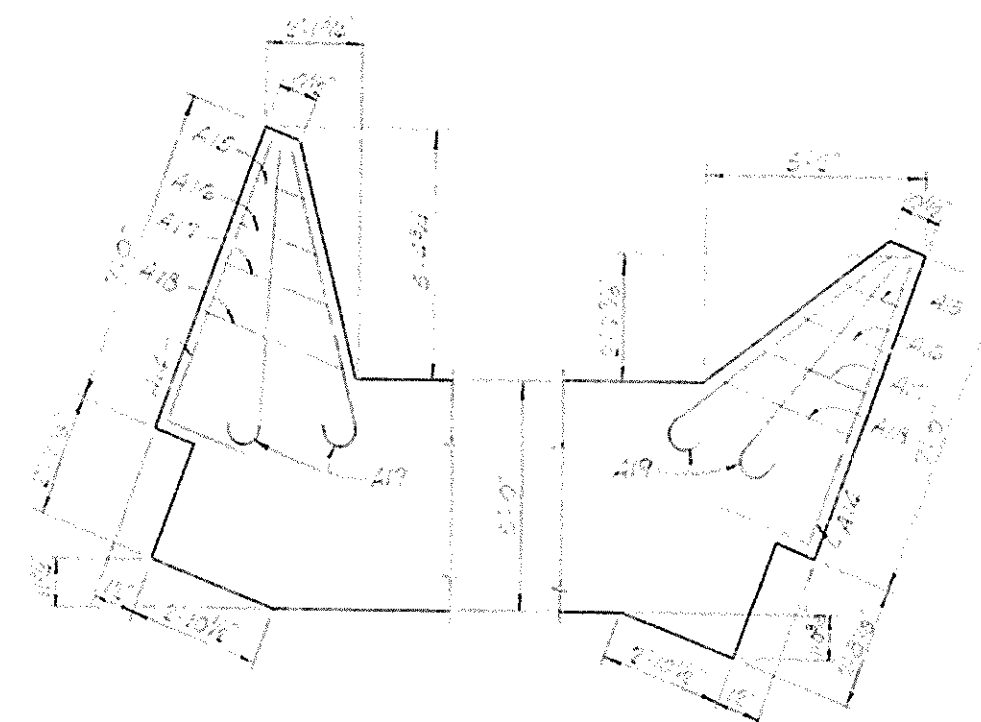
Note : Top of Cas were are to be accurately located in accordance with the plans so that they did not interfere with drilling another well noise.



SECTION A-A



ELEVATION



WING CAP PLAN

ABUTMENT I-L

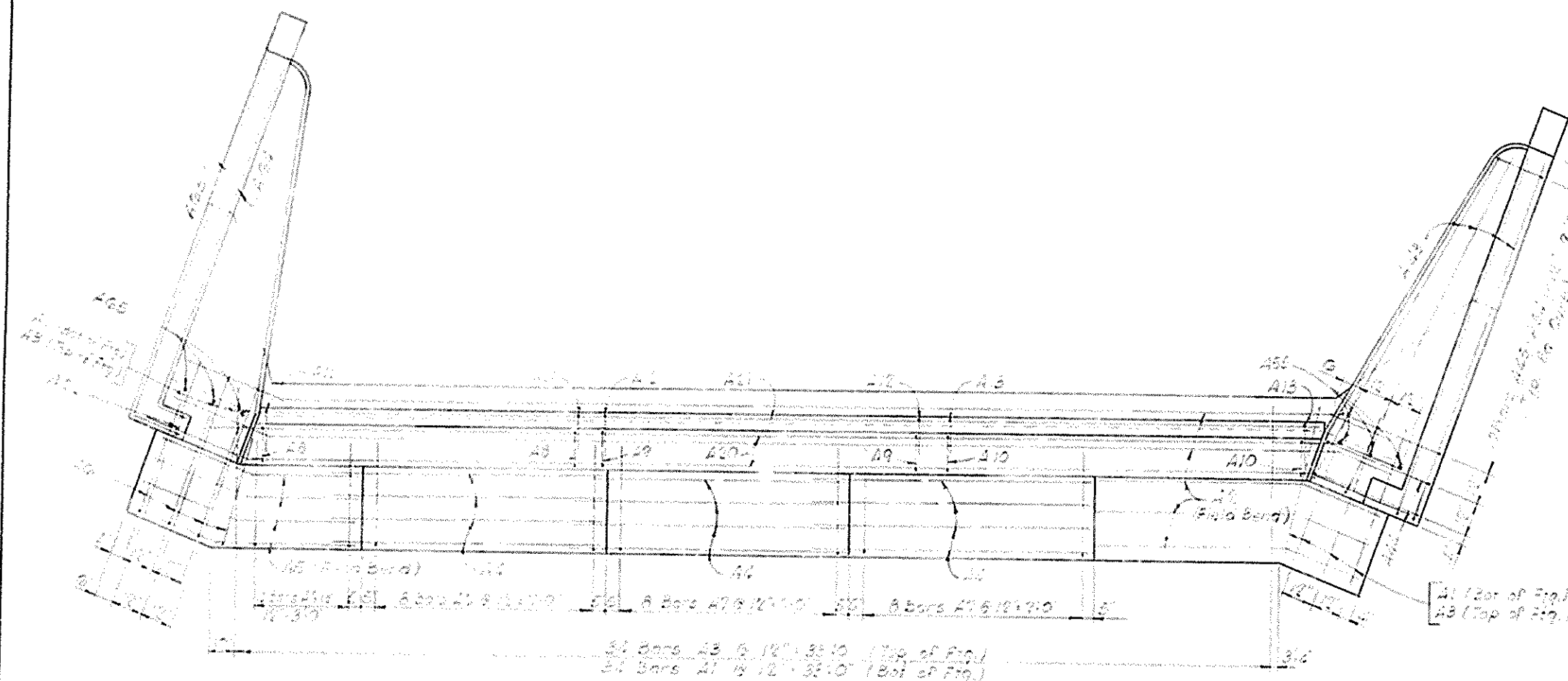
Ramp 8, I-75 over Ramp 6, I-75 Sheet 3

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON
ROAD

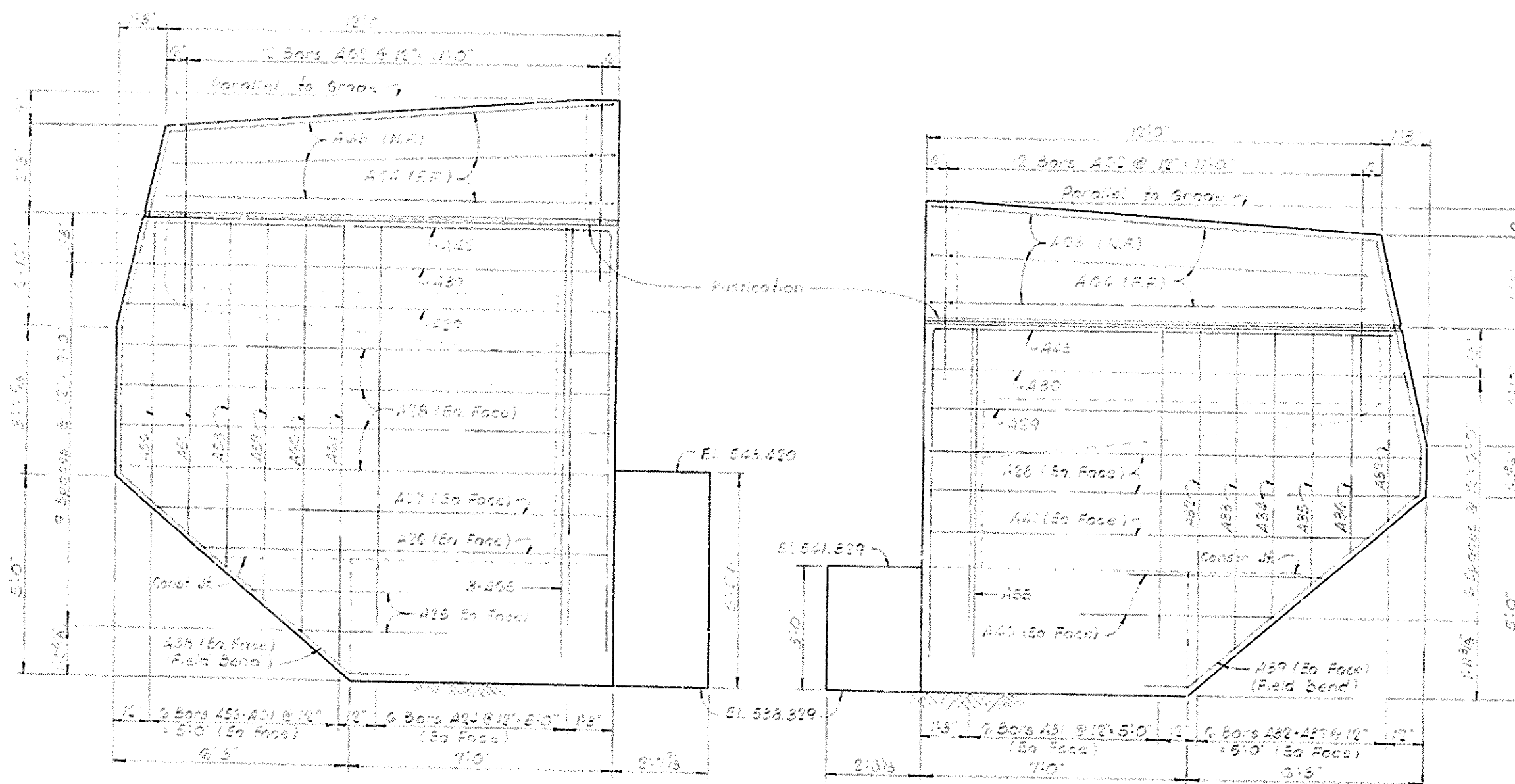
STATION 6+21.0-27.35 Ramp 8 PROJECT NO.

BRIDGE NUMBER	DRAWING 103246 NO.	INDEX
--------------------------------	--	--------------

BRIDGE

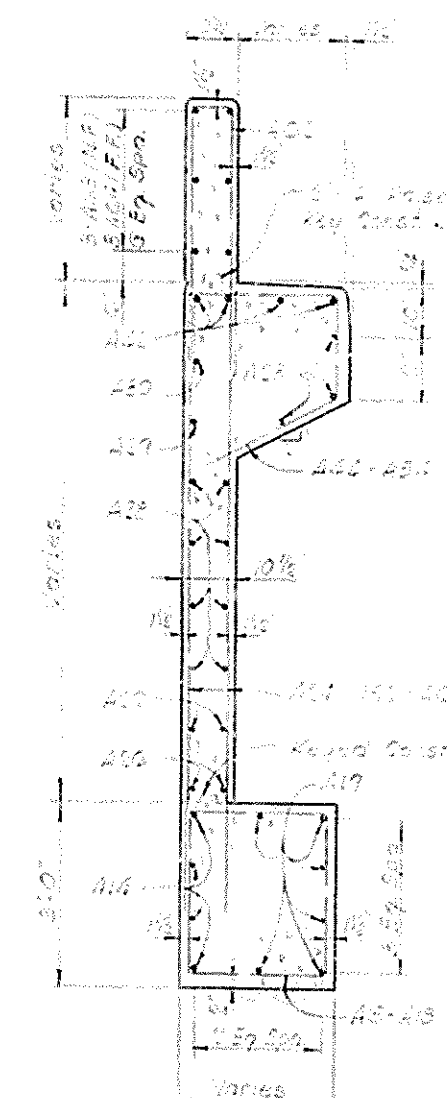


PLAN
Showing Reinforcement

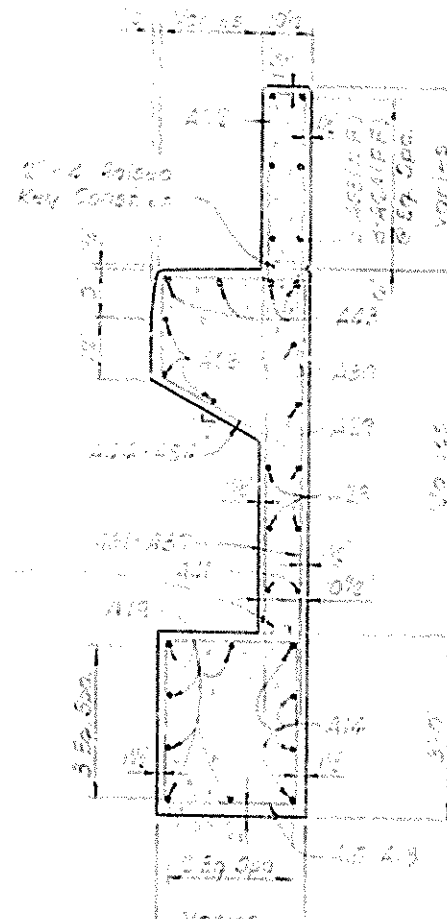


ELEVATION B-B

ELEVATION C-C



SECTION D-D



SECTION E-E

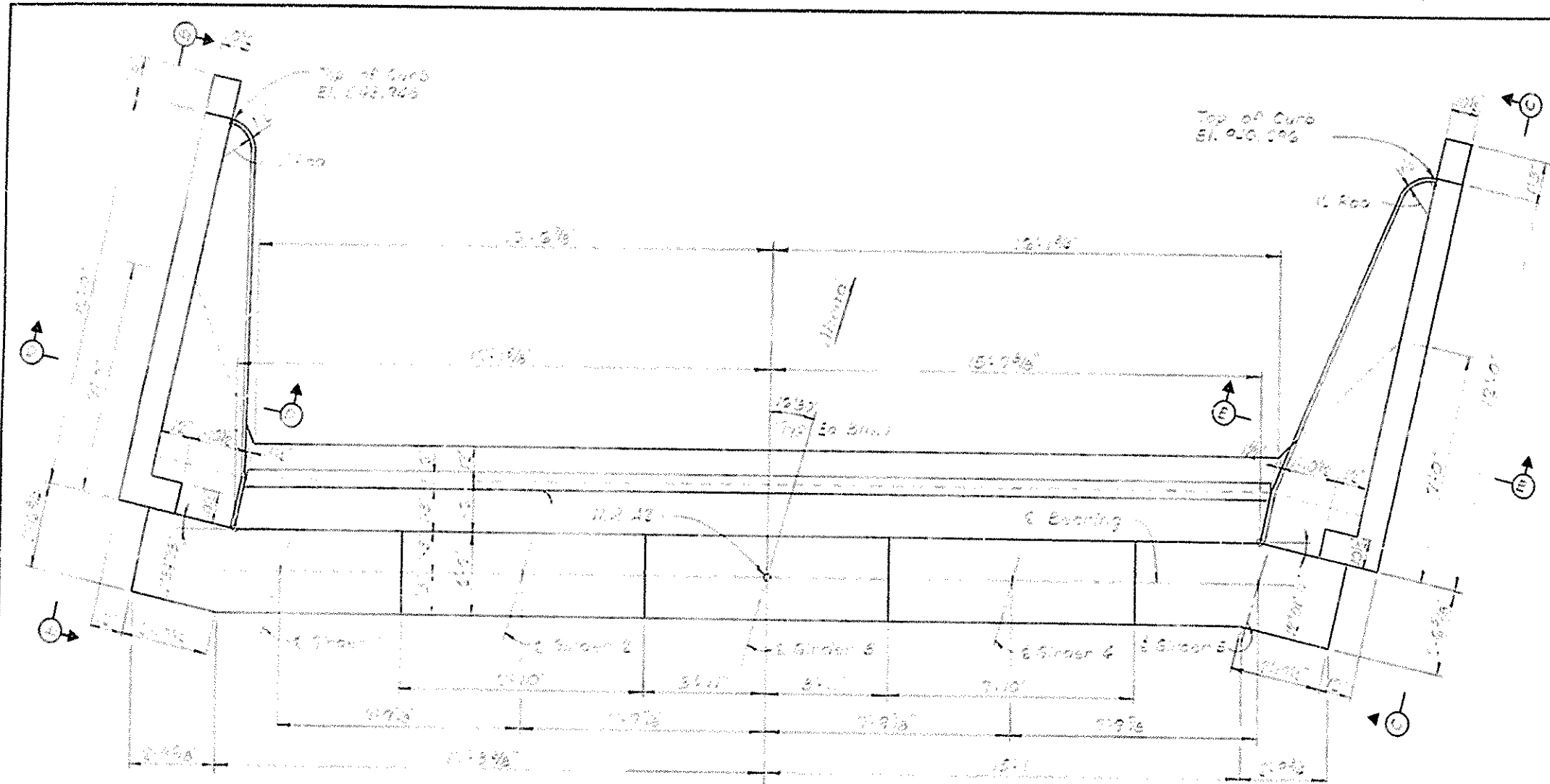
Note:
N.P. indicates near face
F.F. indicates far face

Ramp 5.171 over Ramp 5.171 Sheet 4

COMMONWEALTH OF KENTUCKY	
DEPARTMENT OF HIGHWAYS	
FRANKFORT	
COUNTY OF	
JEFFERSON	
LOUISVILLE - COVINGTON	
ROAD	
STATION 0+00 to 0+05	PROJECT NO.
BRIDGE NUMBER	10346

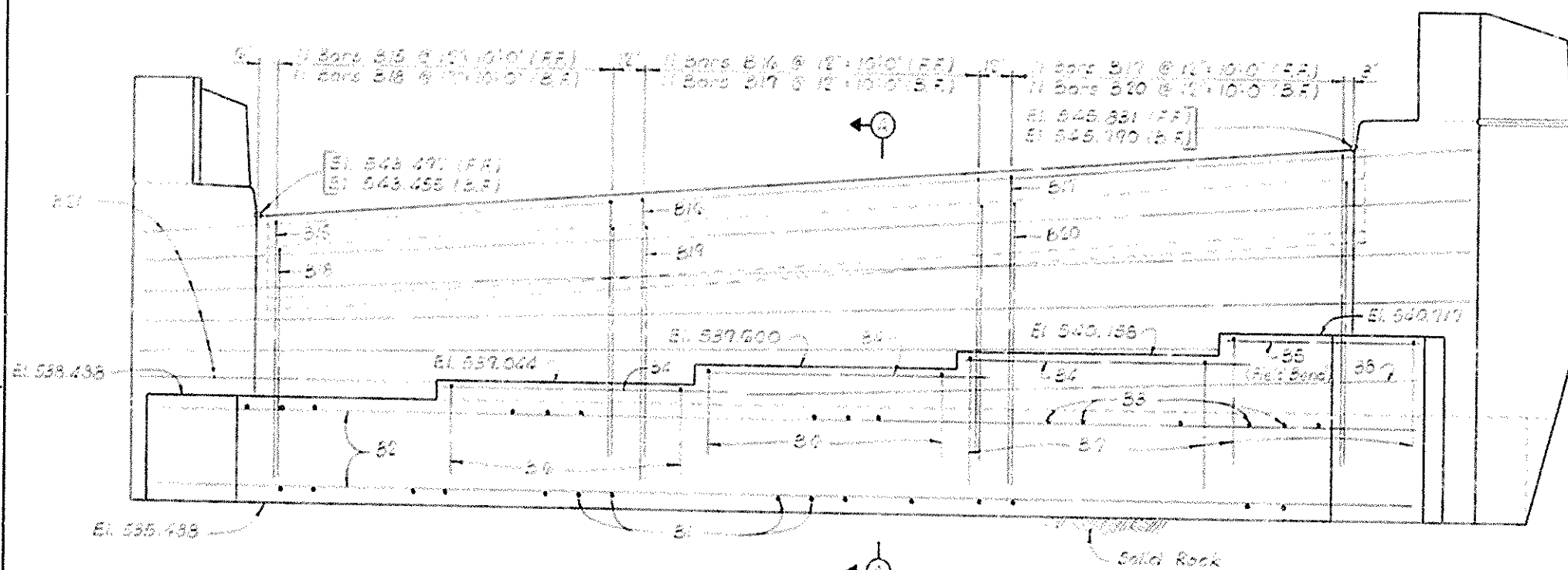
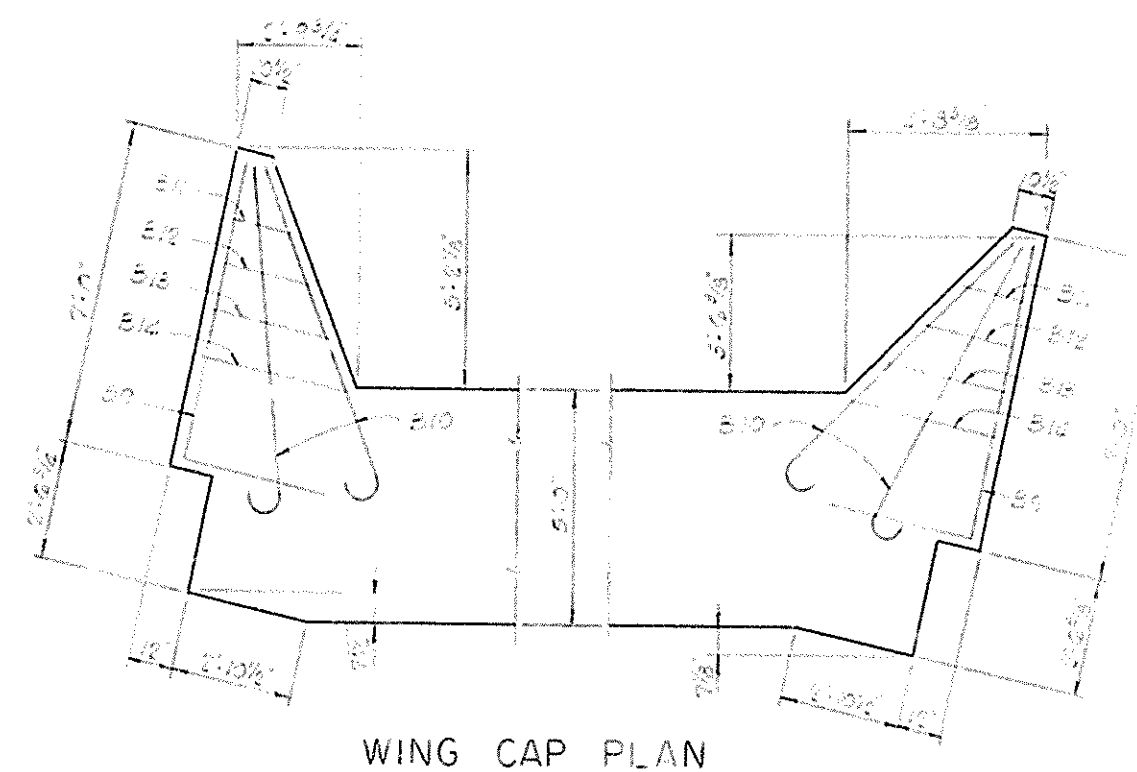
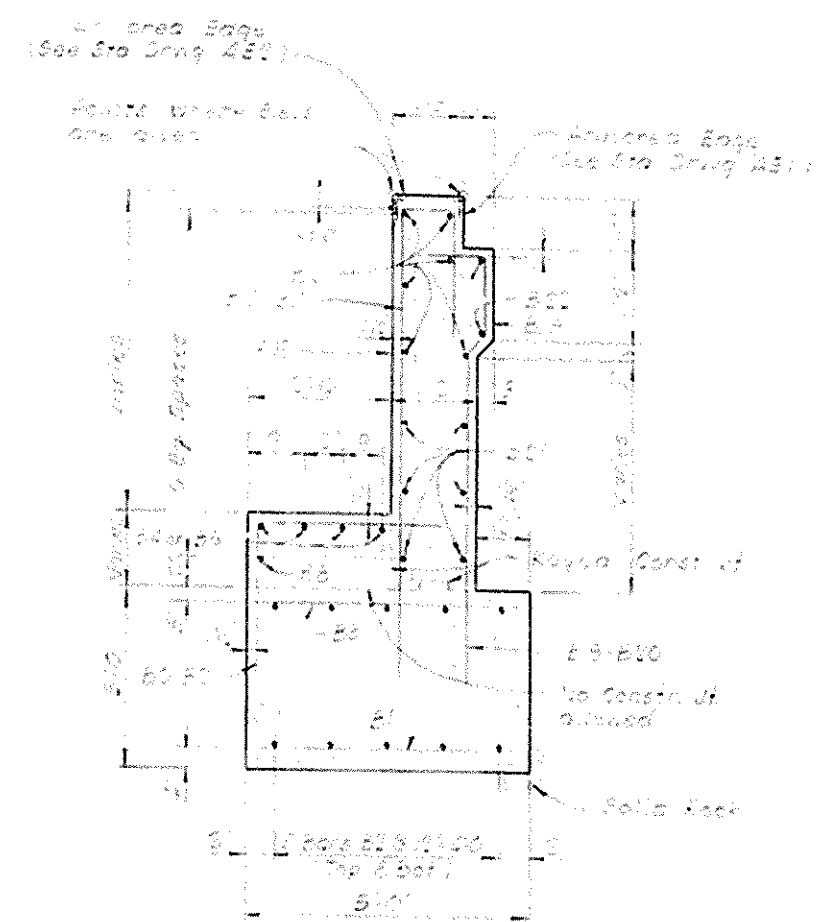
ABUTMENT I-L

BRIDGE



ANCHOR BOLT LAYOUT

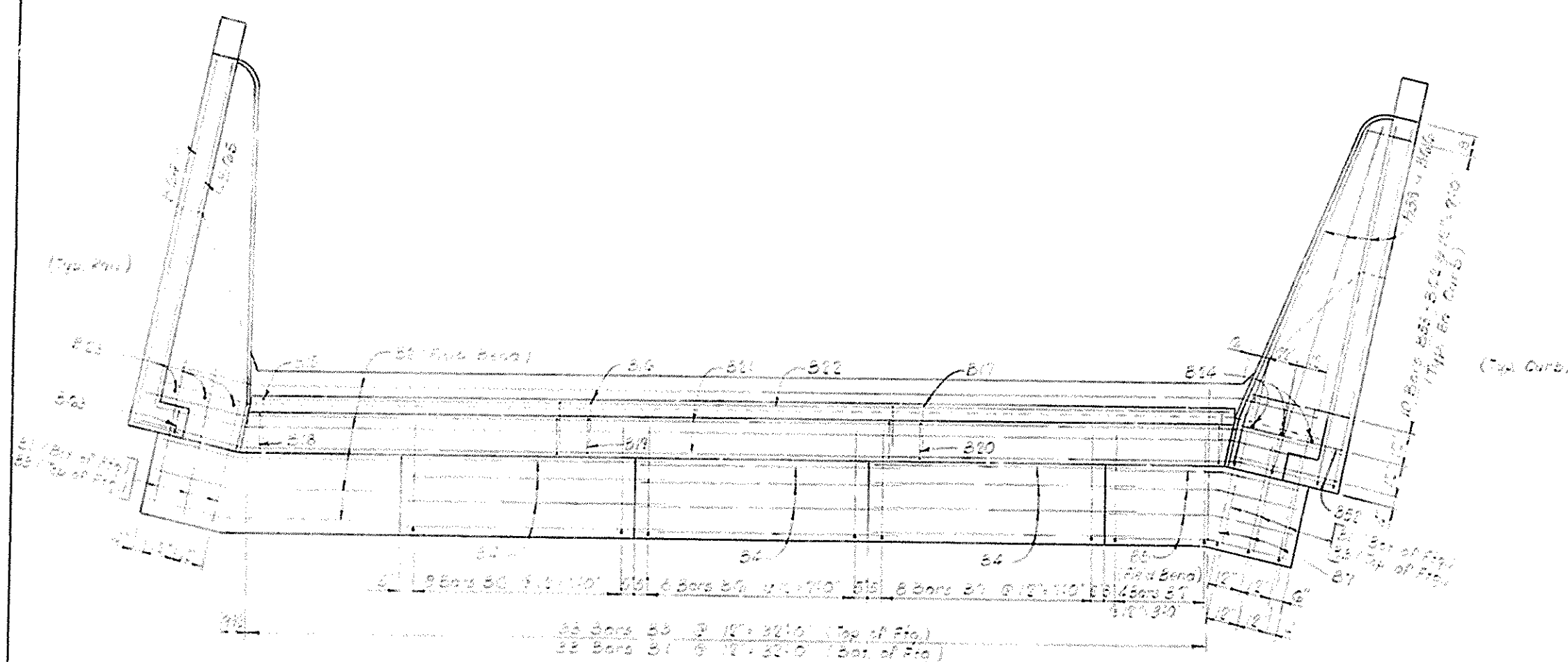
Note: Top of cap bolts are to be accurately located in accordance with the plans so that they will not interfere with drilling anchor bolt holes.



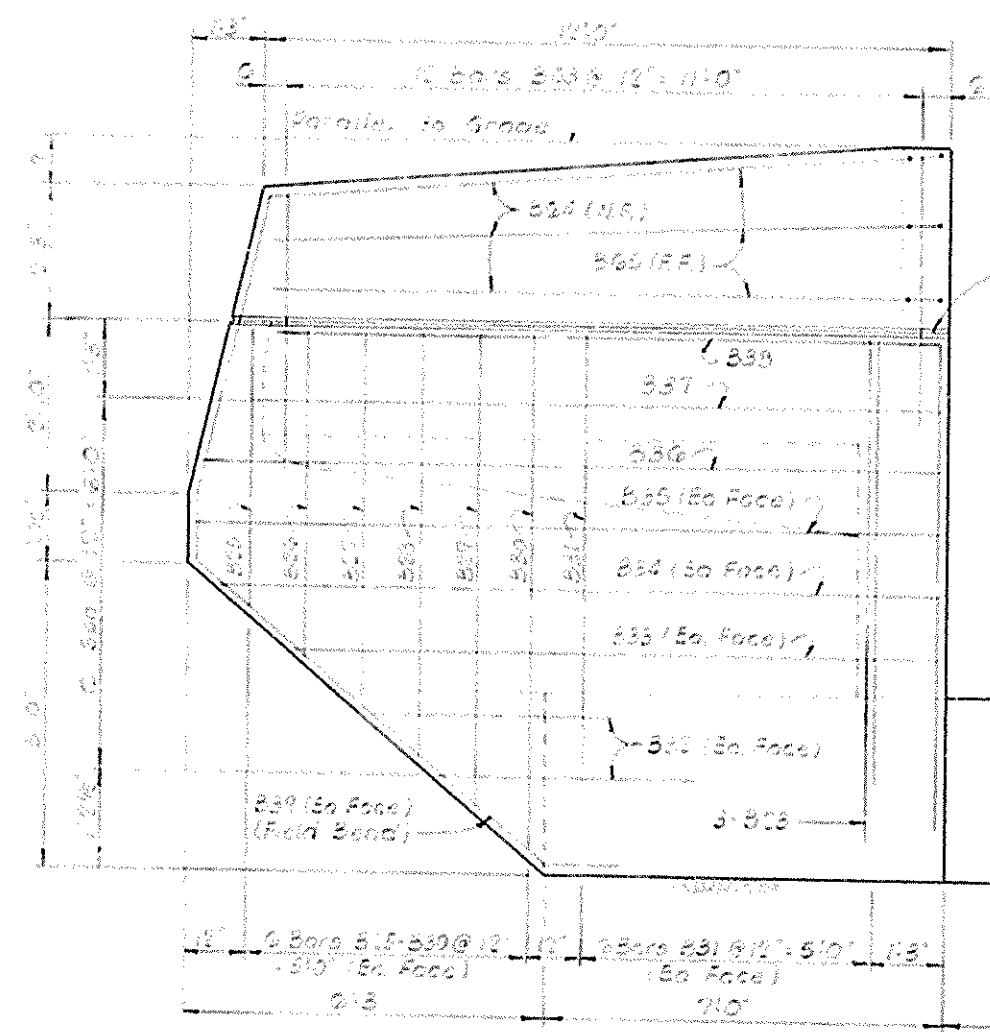
ABUTMENT 2-L

COMMONWEALTH OF KENTUCKY			
DEPARTMENT OF HIGHWAYS			
FRANKFORT			
COUNTY OF			
JEFFERSON			
LOUISVILLE - COVINGTON			
ROAD			
STATION	PROJECT NO.		
BRIDGE NUMBER	DRAWING NO.	INDEX	

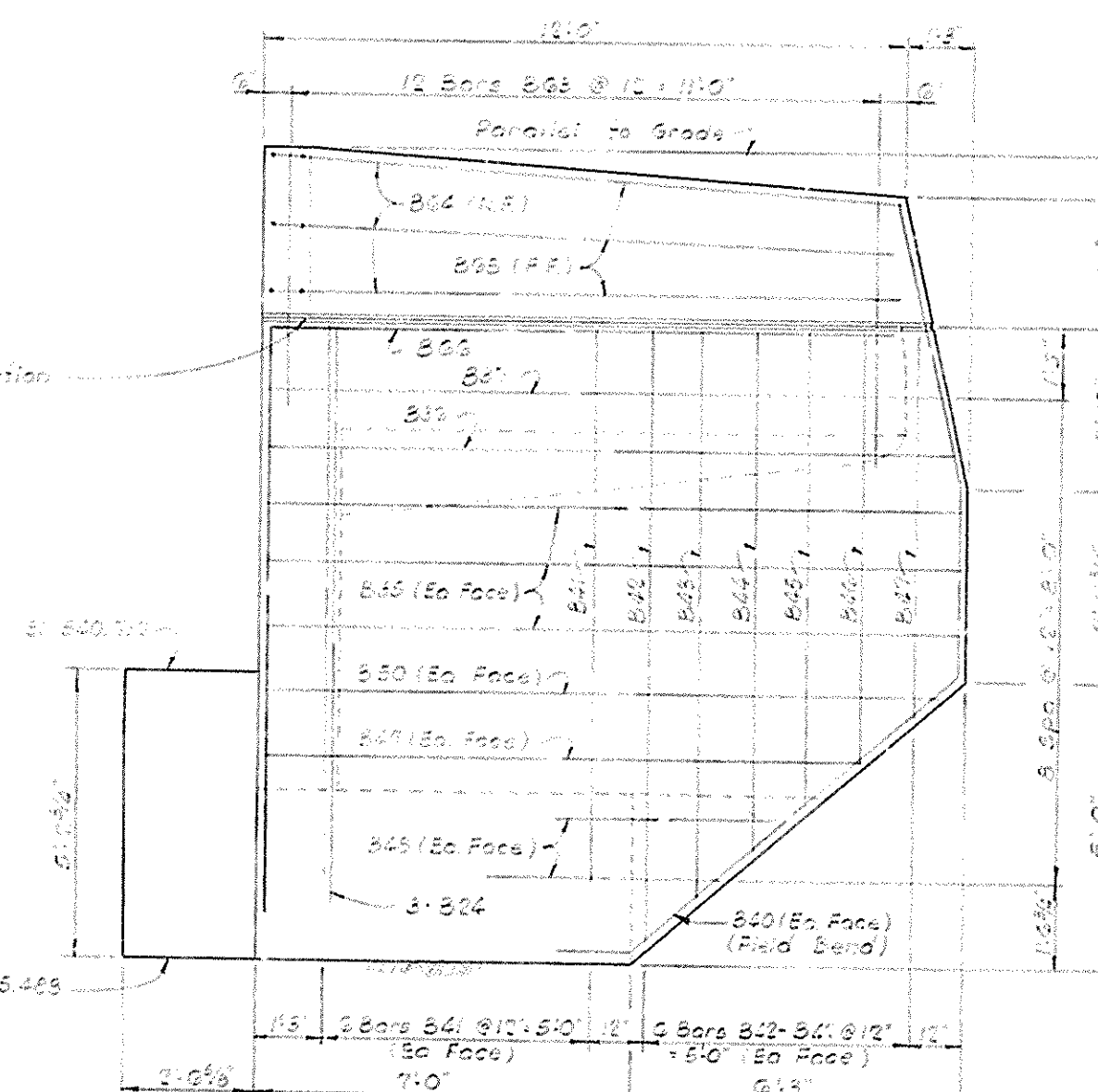
BRIDGE



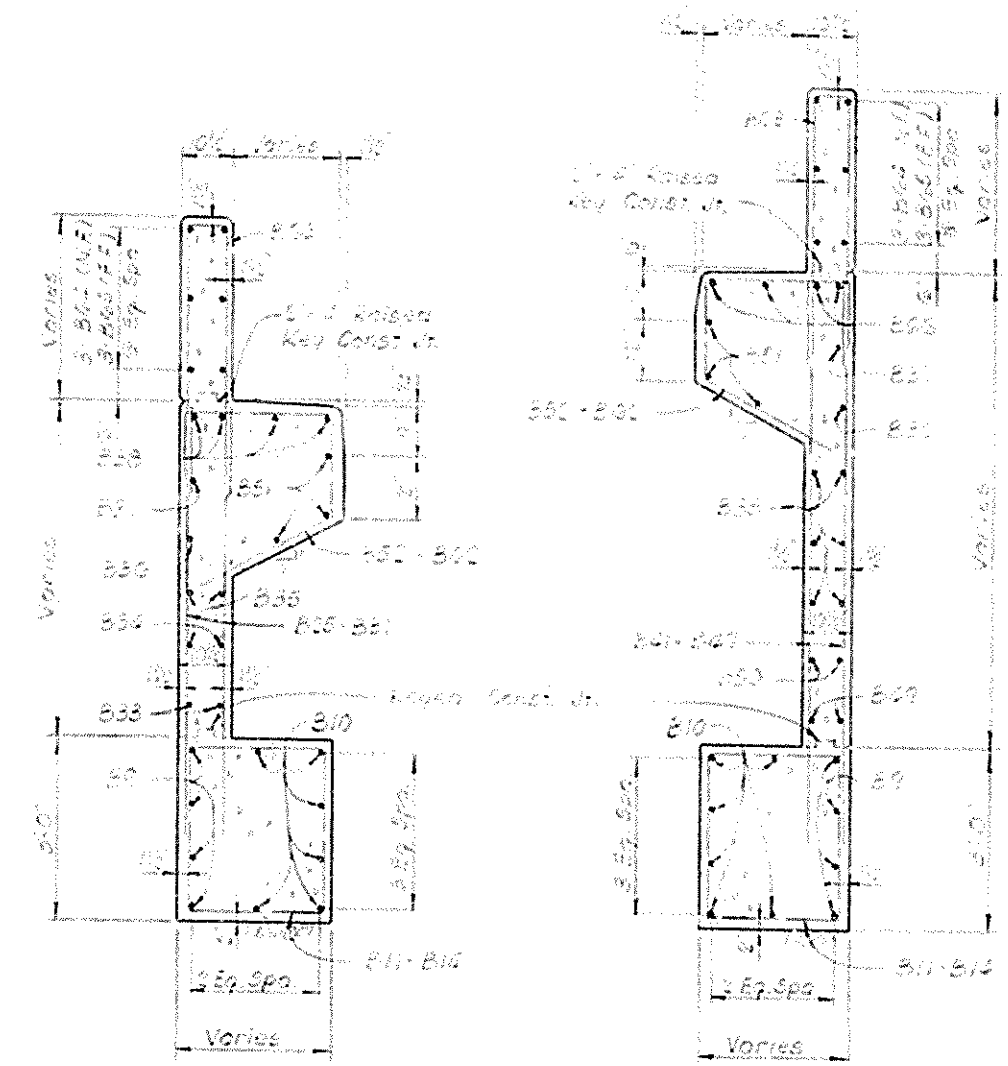
PLAN
(Showing Reinforcement)



ELEVATION B-B



ELEVATION C-C



SECTION D-D

SECTION E-E

Note:
NF indicates Near Face
FF indicates Far Face

ABUTMENT 2-L

Commonwealth of Kentucky
Department of Highways
Frankfort
County of
JEFFERSON
LOUISVILLE - COVINGTON
ROAD
STATION 2+25.25 Ramp 3 PROJECT NO.
BRIDGE NUMBER 116345 INDEX

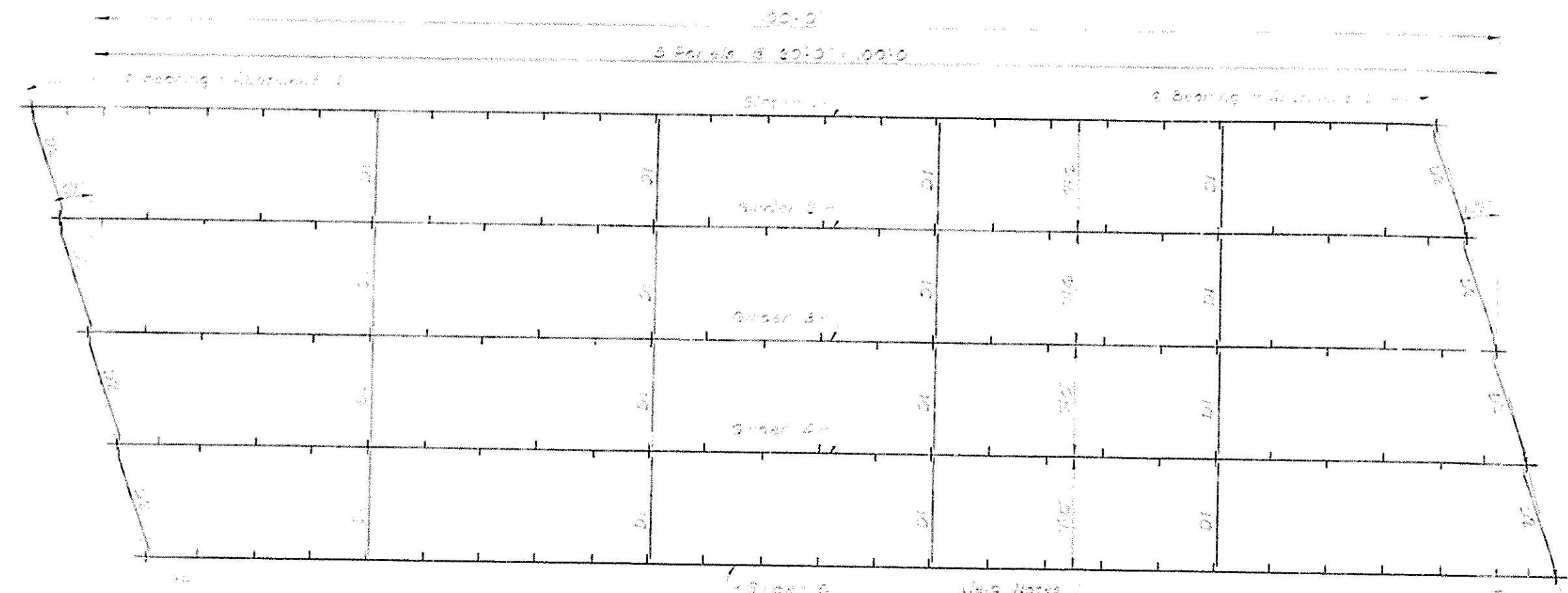
BRIDGE

[illegible][illegible]

ABUTMENT 1-L & 2-L

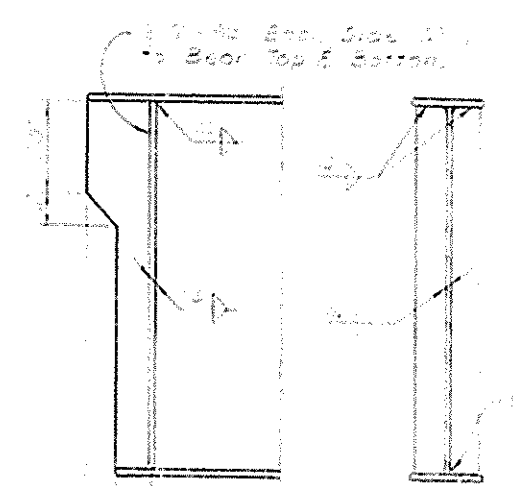
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON
ROAD
STATION 0+00 TO 0+31.25 PROJECT NO.
BRIDGE
NUMBER DRAWING ORDER

BRIDGE

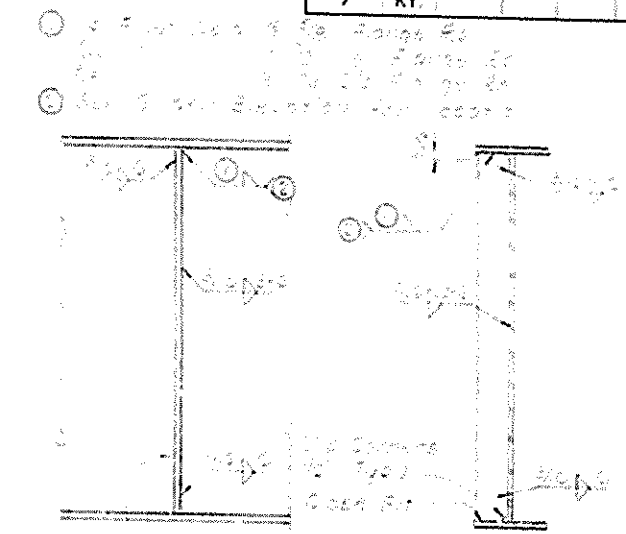


FRAMING PLAN

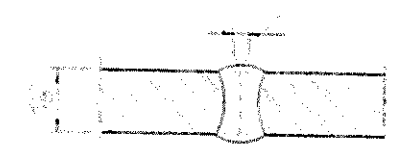
Weld Notes:
 Flange to web weld shall be single pass submerged arc fillet weld in the flat position. Parts are to be assembled with edge of web rigid against flange & before welding.
 See American Welding Society Specifications for Vascular Highway and Railway Bridges, 1963 Edition for prequalified welds shown here.



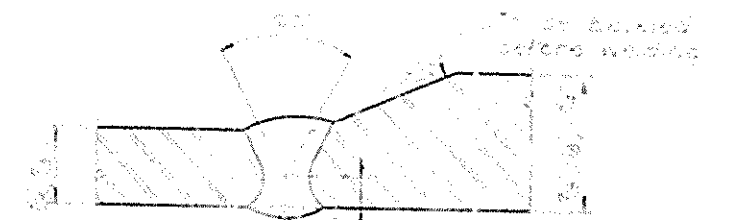
ELEVATION BEARING STIFFENER



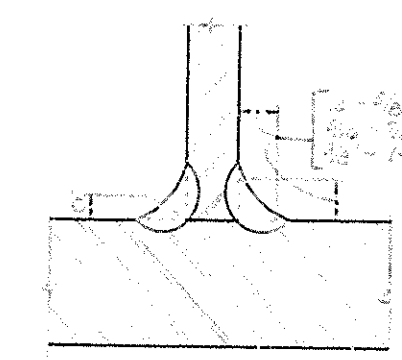
ELEVATION INTERMEDIATE STIFFENERS



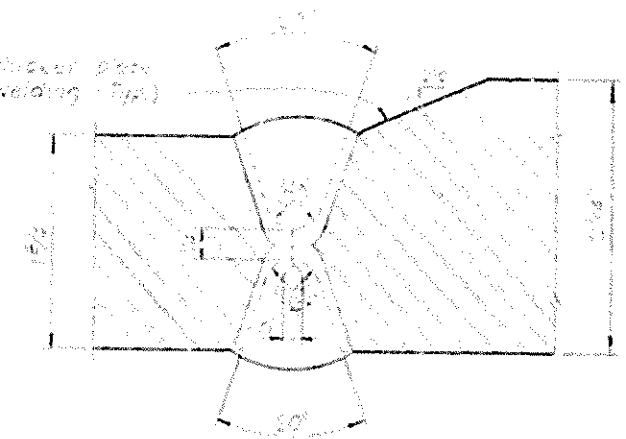
AWS B-LI-S



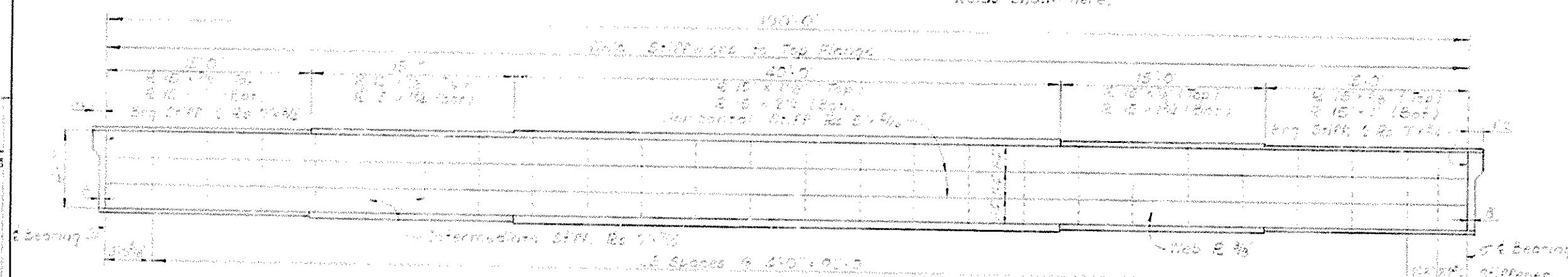
AWS B-L2B-S



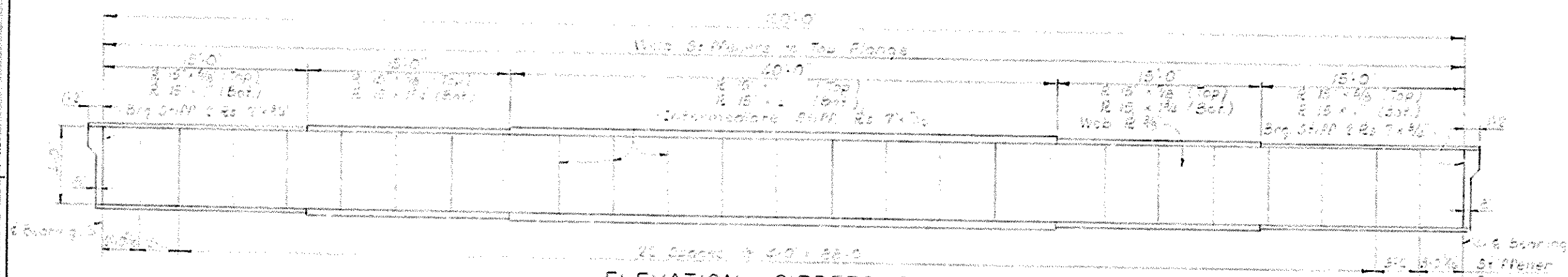
FLANGE TO WEB WELD
 (Submerged Arc Weld)



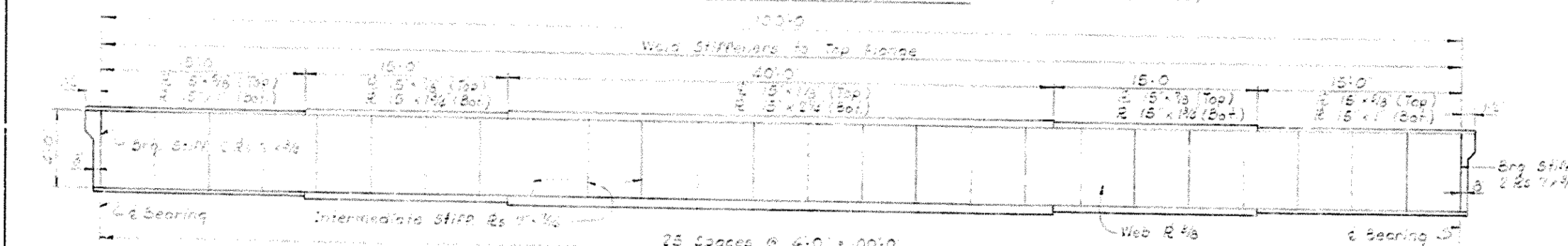
AWS B-U7-S



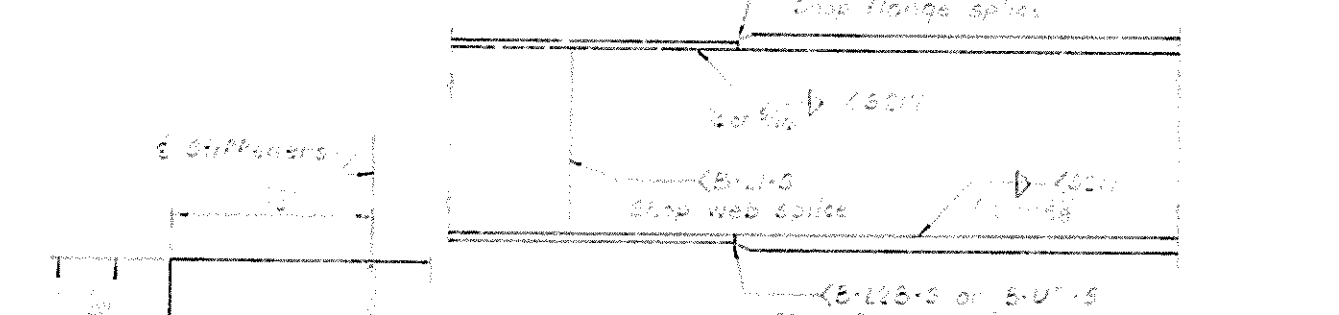
ELEVATION ~ GIRDERS 1 & 5 (Looking from outside)



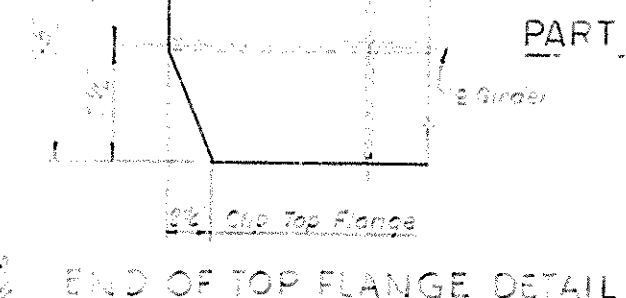
ELEVATION ~ GIRDERS 2 & 4 (Looking from outside)



ELEVATION ~ GIRDER 3



PART GIRDER ELEVATION (Showing Welds)



END OF TOP FLANGE DETAIL

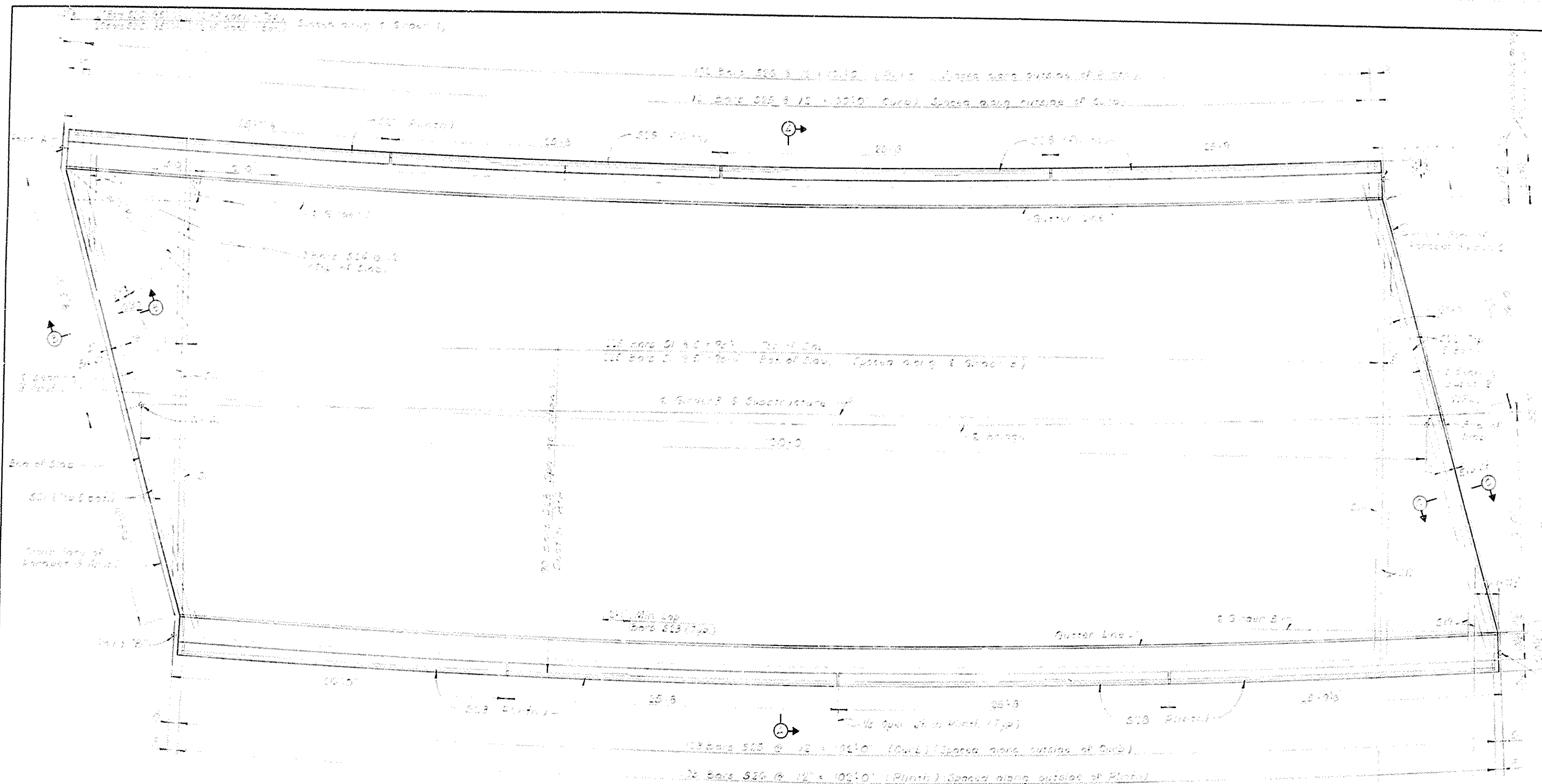
SPAN 1-L
 STRUCTURAL STEEL

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
 JEFFERSON
 LOUISVILLE - COVINGTON
 ROAD

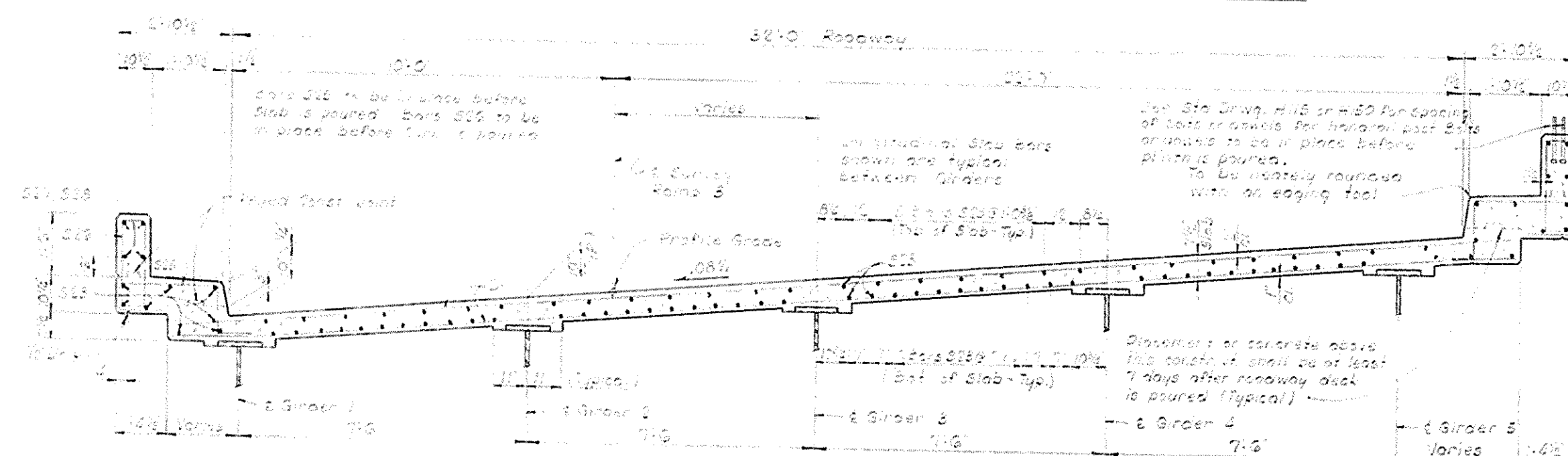
STATION 15+01.05 Ramp 3 PROJECT NO. GP50-312-11
 BRIDGE NUMBER 0326

BRIDGE

BRIDGE



PLAN OF SLAB



SECTION A-A

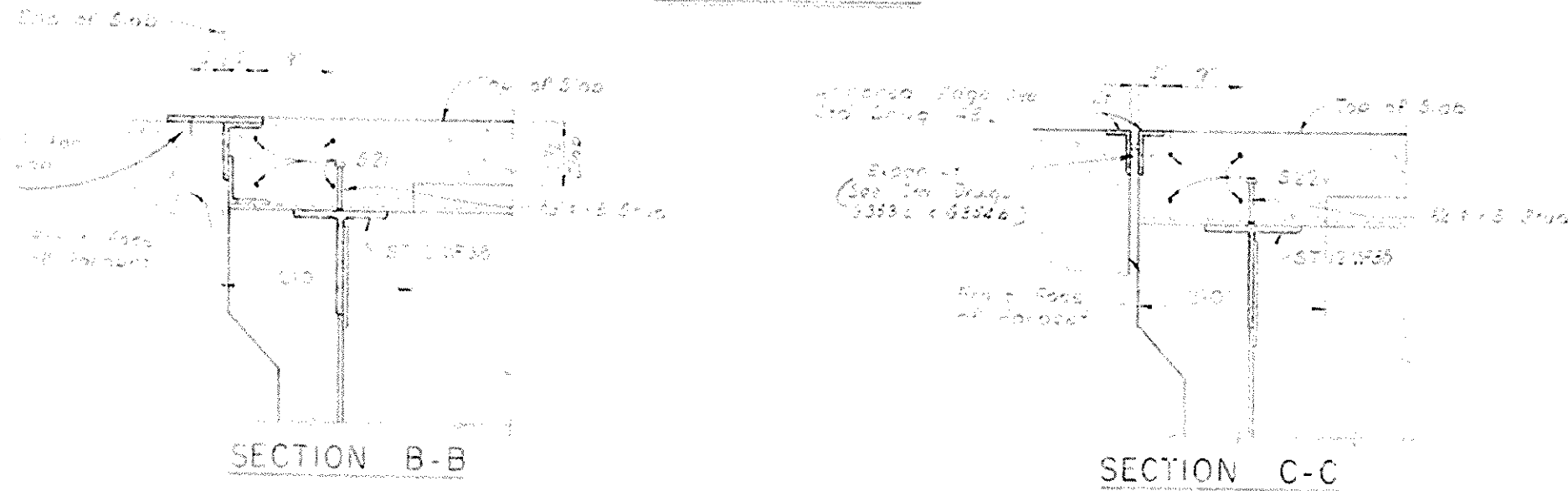
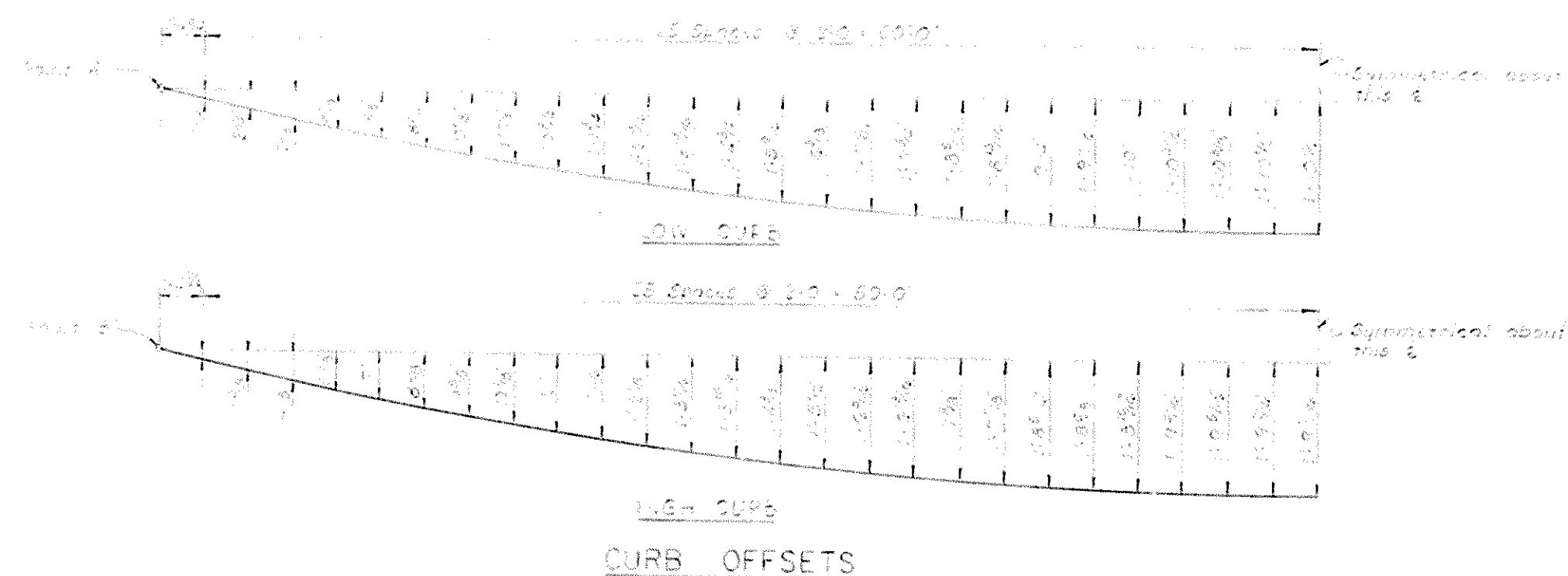
SPAN 1-L
CONCRETE DECK

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE — COVINGTON
ROAD

STATION 2+00.00 **PROJECT NO.** 10-0985 **BRIDGE NUMBER** 10-0985 **DRAWN** 10-0985

BRIDGE

BILL OF REINFORCEMENT									
LINE	POST	NO.	QTY	REMARKS	LOCATION	DATE	BY	CHKD	APP'D
1	1	1	1	1	1				
2	2	2	2	2	2				
3	3	3	3	3	3				
4	4	4	4	4	4				
5	5	5	5	5	5				
6	6	6	6	6	6				
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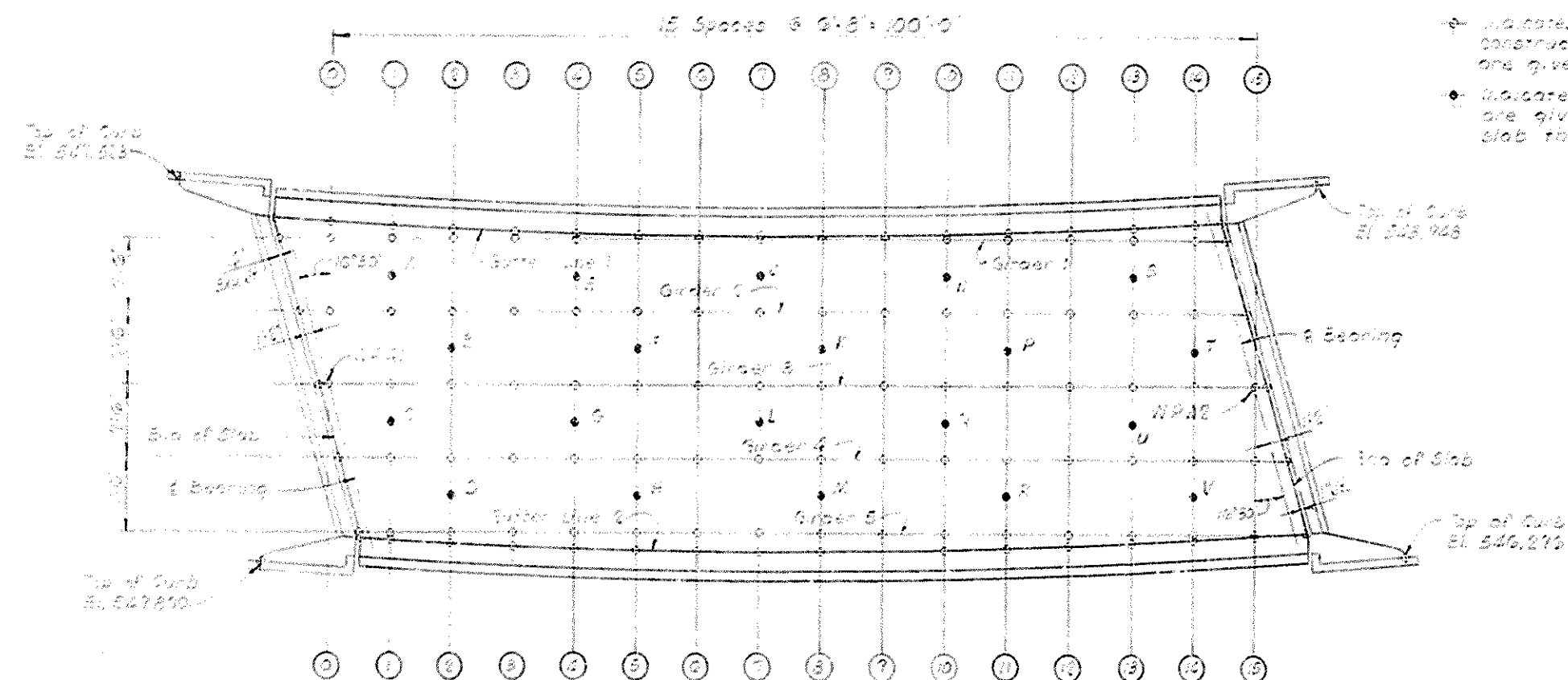


ESTIMATE OF QUANTITIES	
Concrete Deck	1,000 cu. yd.
Reinforcement	10,000 lbs.

SPAN 1-L
CONCRETE DECK

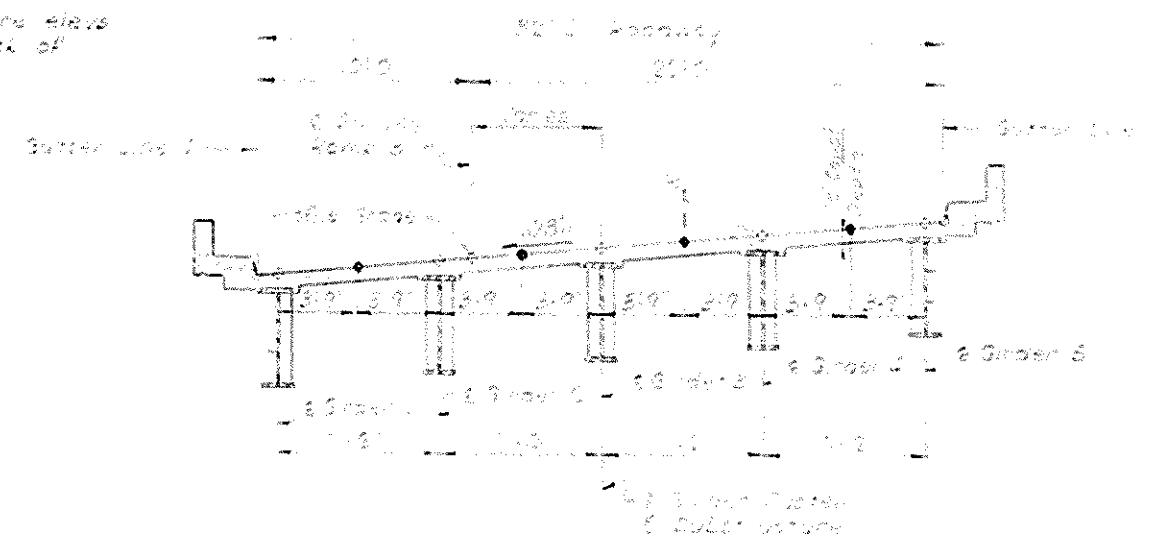
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE COVINGTON
ROAD
STATION 100+00.00
BRIDGE NUMBER 1000
PROJECT NO. 1000
DRAWING NO. 1000
INDEX





PLAN
(Showing where Elevations are given)

- Indicates points where construction elevations are given.
- Indicates points where elevations are given for check of slab thickness.



TYPICAL SECTION THRU DECK

NOTES

These elevations are for the top of steel at points indicated after cross bracing and in place and after all falsework has been removed, but before forms for concrete slabs have been put in place. Read elevations in three columns using a target rod and enter elevations in table under Steel Elevations.

Compute Dimension X as follows: Construction elevation minus steel elevation equals Dimension X. Construction elevations include center line plus weight of concrete slab, earth and parapets.

For setting reinforcement measure Dimension X above top of steel for top of template. Do not set templates by elevations.

Construct horizontal points to establish grade. Do not use center to establish points.

Upon delivery to bridge site, slab elevation tolerances of indicated steel are to have dimension and cross tolerances meeting the requirements of A.S.T.M. Designation A5 for rolled beams or meeting the requirements of AWS Specifications for welded girders and are based on the fraction of the steel undamaged.

LOCATION	GUTTER LINE 1	GIRDER 1			GIRDER 2			GIRDER 3			GIRDER 4			GIRDER 5			GUTTER LINE 2
		TOP CONC.	TOP STEEL	DIM. X	TOP CONC.	TOP STEEL	DIM. X	TOP CONC.	TOP STEEL	DIM. X	TOP CONC.	TOP STEEL	DIM. X	TOP CONC.	TOP STEEL	DIM. X	
Top of Slab	546.286	546.593			547.041			547.517			548.120			548.626			549.068
0+0	546.256	546.563			547.011			547.487			548.090			548.596			549.038
1+1	546.226	546.533			546.981			547.457			548.060			548.566			549.008
2+2	546.196	546.503			546.951			547.427			548.030			548.536			548.978
3+3	546.166	546.473			546.921			547.397			547.999			548.505			548.947
4+4	546.136	546.443			546.891			547.367			547.970			548.475			548.917
5+5	546.106	546.413			546.861			547.337			547.940			548.445			548.887
6+6	546.076	546.383			546.831			547.307			547.910			548.415			548.857
7+7	546.046	546.353			546.801			547.277			547.880			548.385			548.827
8+8	546.016	546.323			546.771			547.247			547.850			548.355			548.797
9+9	545.986	546.293			546.741			547.217			547.820			548.325			548.767
10+10	545.956	546.263			546.711			547.187			547.790			548.295			548.737
11+11	545.926	546.233			546.681			547.157			547.760			548.265			548.707
12+12	545.896	546.203			546.651			547.127			547.730			548.235			548.677
13+13	545.866	546.173			546.621			547.097			547.699			548.205			548.647
14+14	545.836	546.143			546.591			547.067			547.670			548.175			548.617
15+15	545.806	546.113			546.561			547.037			547.640			548.145			548.587
End of Slab	545.500	545.807			546.255			546.731			547.334			547.840			548.282

Slab Dispoint	Plan Elev. Top of Slab	Field Elev. Top of Slab	Computed Slab Thickness
A	546.585		
B	546.567		
C	546.549		
D	546.531		
E	546.513		
F	546.495		
G	546.477		
H	546.459		
I	546.441		
J	546.423		
K	546.405		
L	546.387		
M	546.369		
N	546.351		
O	546.333		
P	546.315		
Q	546.297		
R	546.279		
S	546.261		
T	546.243		
U	546.225		
V	546.207		

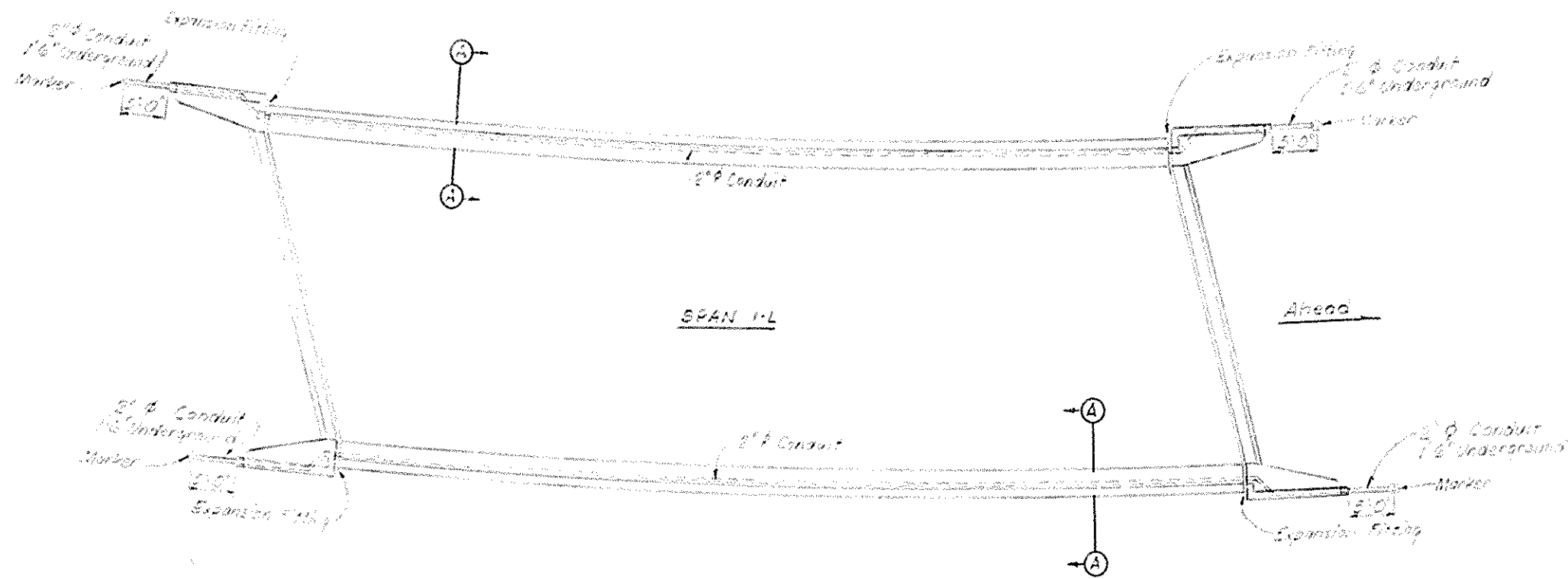
After the slab forms are erected and before the slab reinforcement is placed, the Resident Engineer shall take field elevations at the slab thickness check points and enter them in the table in the space provided. The slab thickness shall then be computed. If the computed slab thickness varies more than 1/2" from the plan thickness, allowing 1/32" of the slab span for deflection of the form work, the form shall be adjusted until the computed slab thickness is within the tolerance allowed.

A copy of this sheet showing the final datum elevations shall be sent to the Director, Division of Bridges.

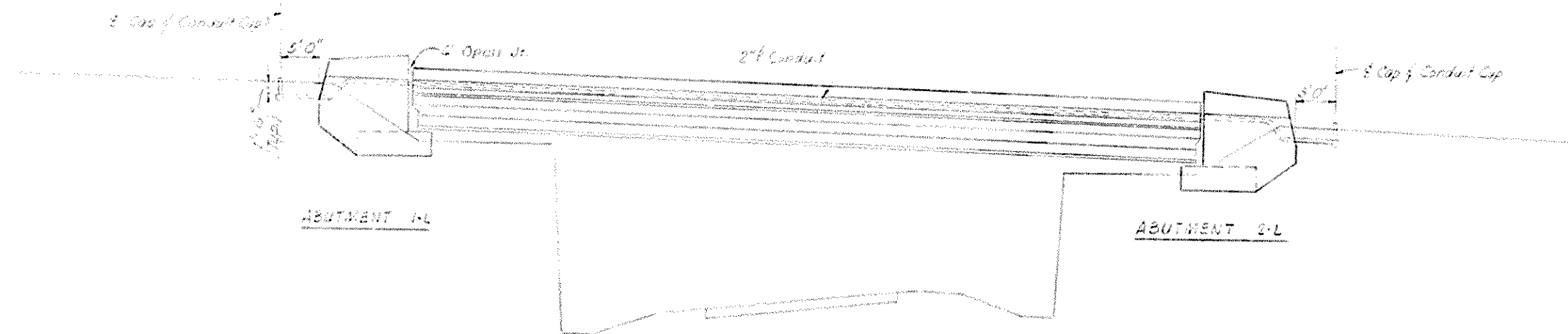
ELEVATIONS ~ LOWER BRIDGE

Commonwealth of Kentucky
Department of Highways
Frankfort
County of
JEFFERSON
Louisville - Covington
ROAD
STATION 8+21.34745 Ramps 2
PROJECT NO.
BRIDGE NUMBER
DRAWING NO. 16346
INDEX

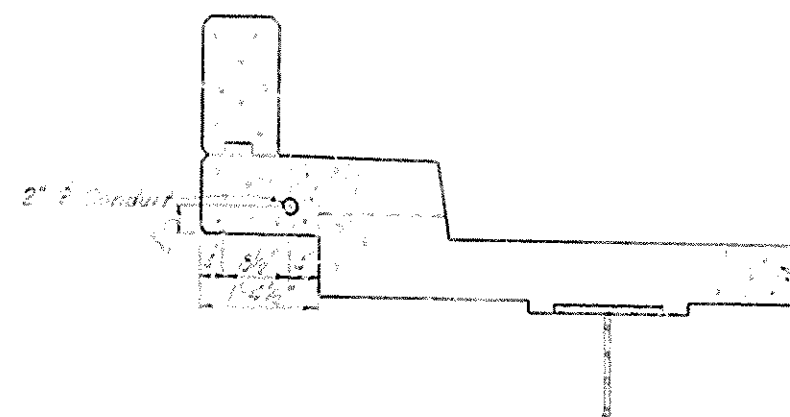
BRIDGE



PLAN
(Showing Conduit & Junction Box Layout)



ELEVATION



SECTION A-A

BILL OF MATERIAL	
2" Rigid Gun Conduit	170'
2" Conduit Connection	16 Ea
2" Gun Cap	4 Ea
Expansion Fittings (Crouse-Hinds 1/4 S-41 with 1/2 100 around street at abutments & spans)	4 Ea

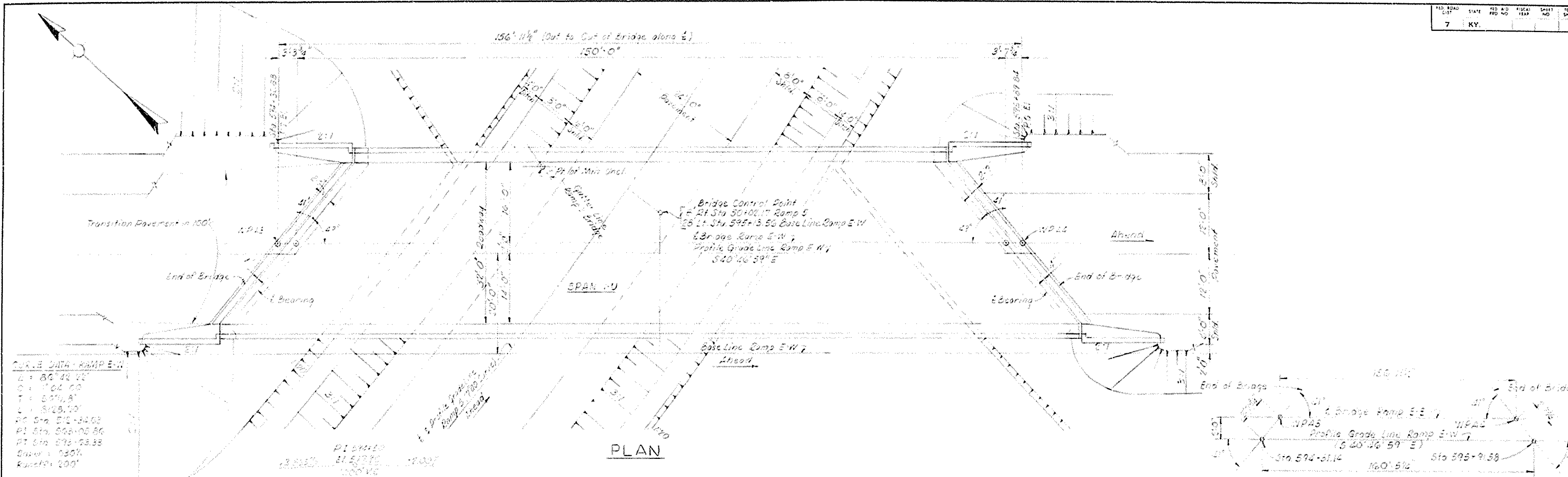
Note:
Markers shall consist of 4" x 4" x 36" reinforced concrete posts with 4 size #4 deformed steel reinforcing rods per post, and a 2" brass disc cast in the end of the post inscribed "End of Duct." Markers to be 2" above grade with disc exposed.

ELECTRICAL CONDUIT LOWER BRIDGE

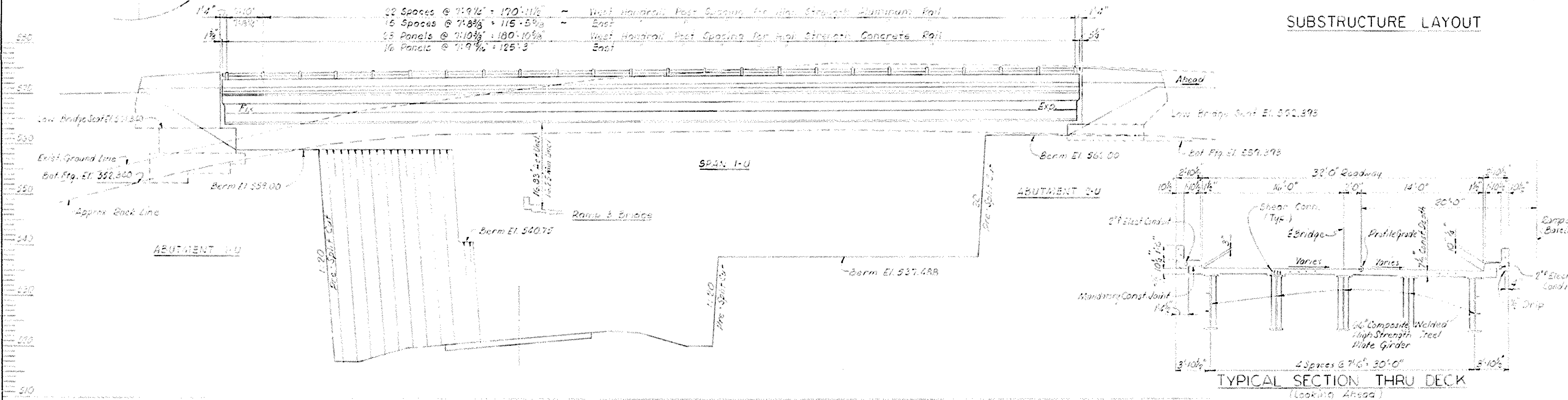
Range 3, I-75 Over Ramp 3, E-75 Sheet 14

COMMONWEALTH OF KENTUCKY	
DEPARTMENT OF HIGHWAYS	
FRANKFORT	
COUNTY OF	
JEFFERSON	
LOUISVILLE - COVINGTON	
ROAD	
STATION 30+140.15 Ramp 3	PROJECT NO. 1334-30-10
BRIDGE NUMBER	DRAWING NO. 13346
	INDEX

BRIDGE



SUBSTRUCTURE LAYOUT



TYPICAL SECTION THRU DECK
(Looking Ahead)

ELEVATION

76.08 - 123.92 Composite
Welded I2 Girder Span 41' Span Rt. 41' Span Lt.
1120 Slopes HS20 - 44'4" Loading 32' Roadway 11'10" Safety Curbs
43' Shoulders at Bridge

LAYOUT ~ UPPER BRIDGE

Ramp E, W, T 14 over Ramp 3, 5, 31, 11
 Sheet 15

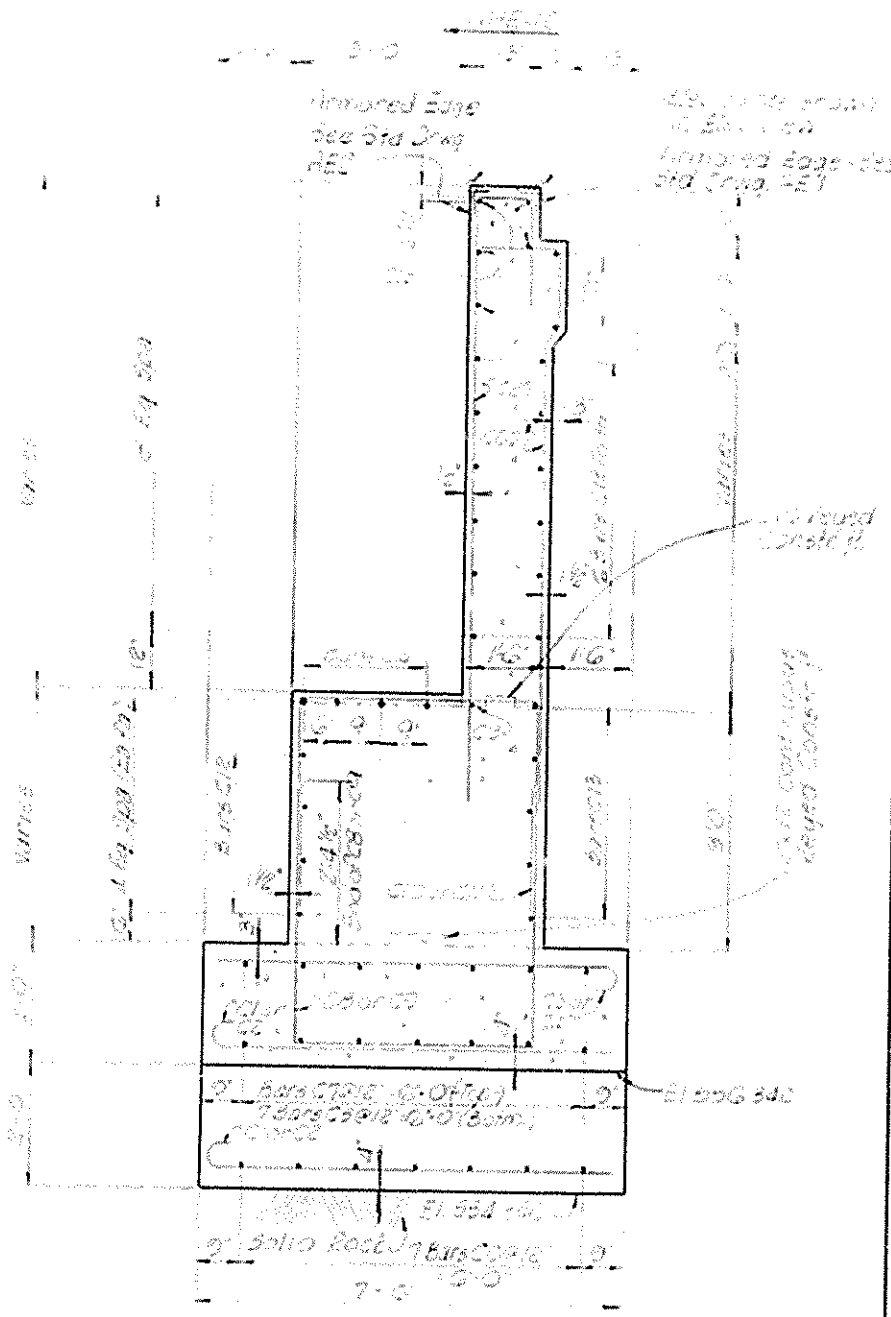
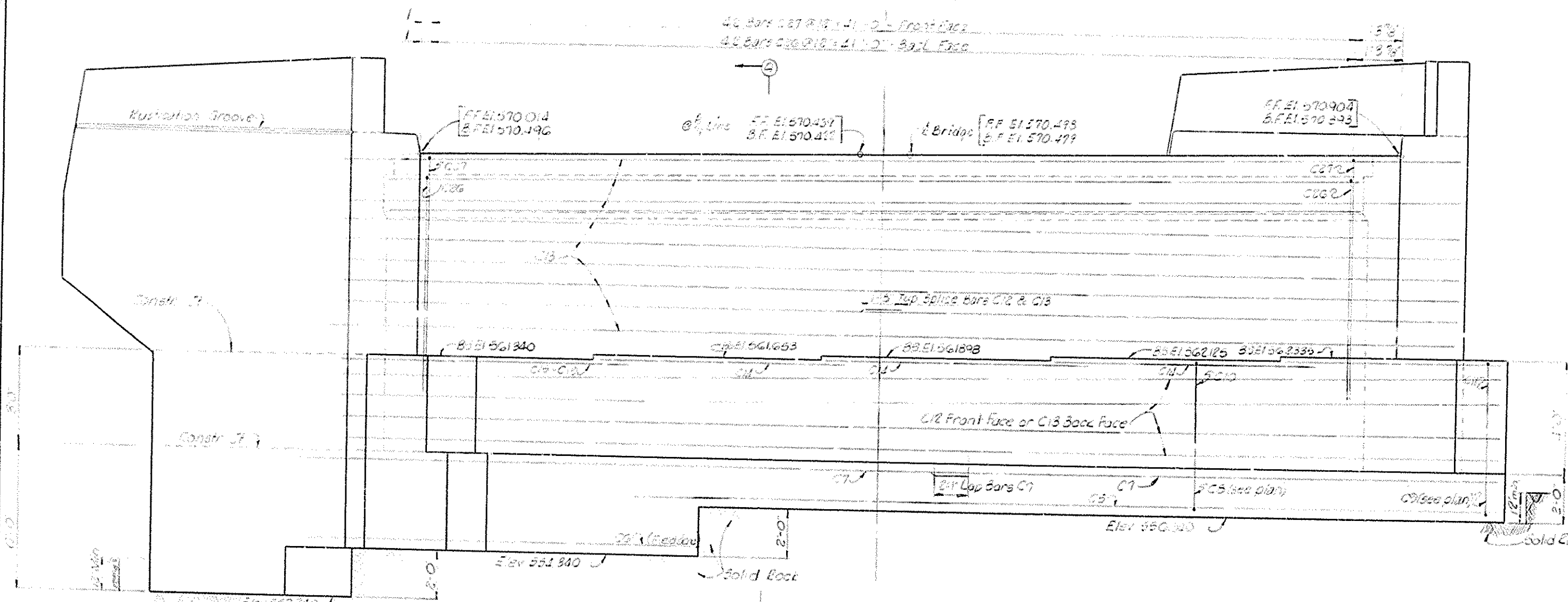
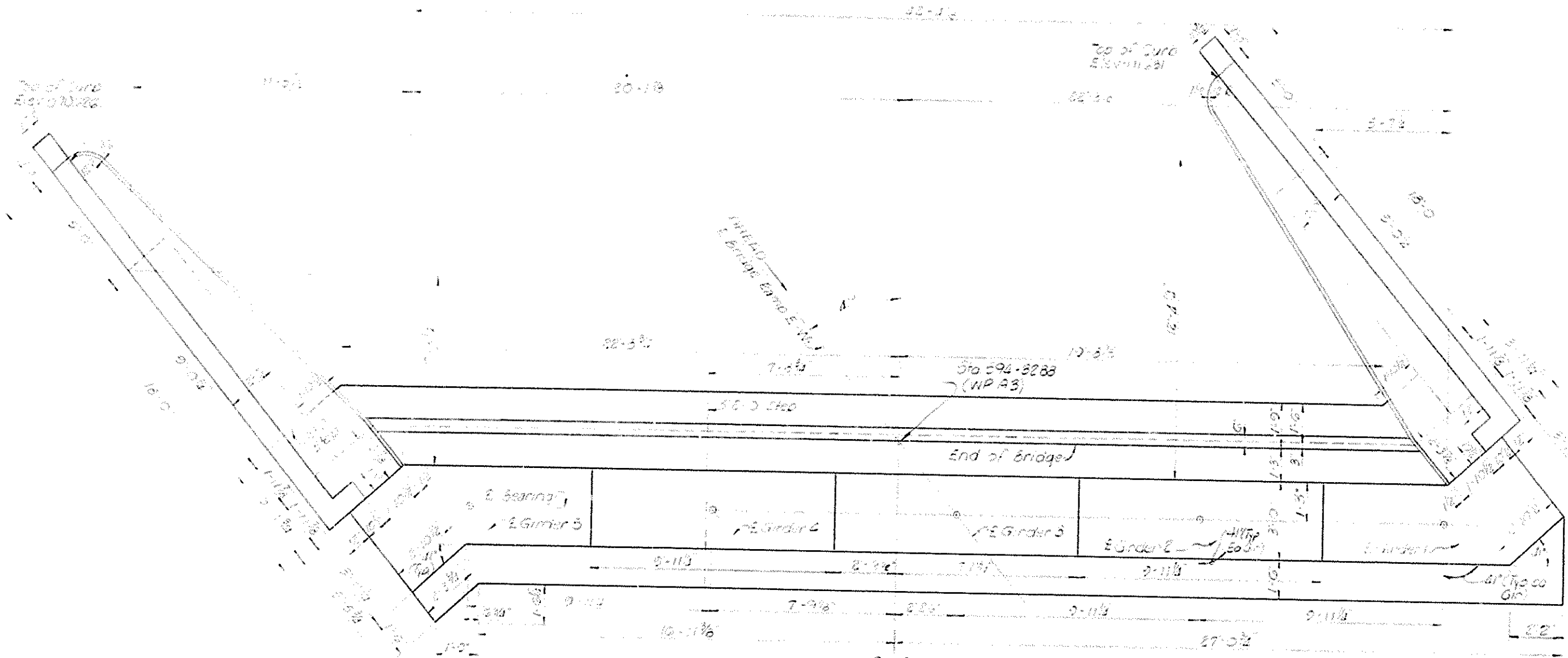
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON

ROAD

STATION 26+51 SP513-26 (Ramp E, W) PROJECT NO. SP56 313-11

BRIDGE NUMBER	DRAWING 16326 NO	INDEX
------------------	------------------------	-------

DISPATCHED BY	CHECKED BY	DATE
INTC	DALE	RECEIVED
DISPATCHED BY <th>CHECKED BY</th> <th>DATE</th>	CHECKED BY	DATE
QDM	DALE	RECEIVED
DISPATCHED BY <th>CHECKED BY</th> <th>DATE</th>	CHECKED BY	DATE
QDM	DALE	RECEIVED

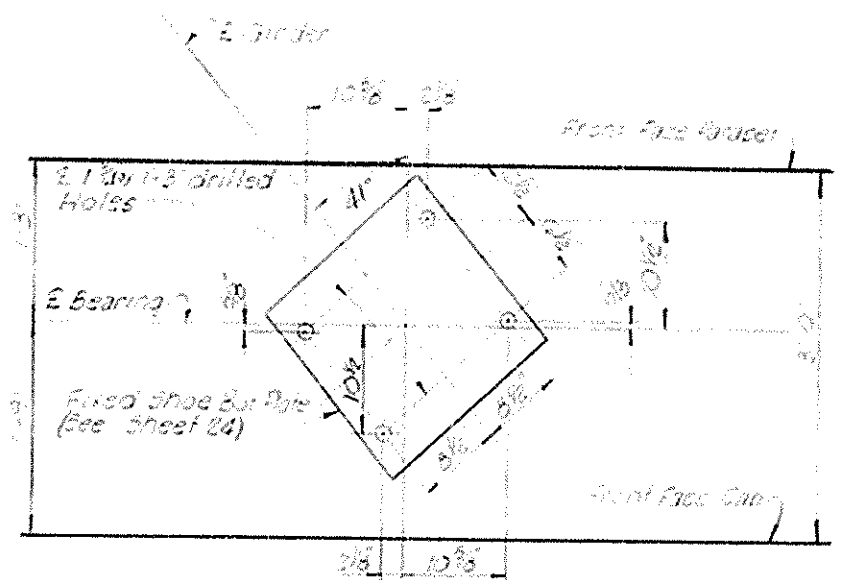
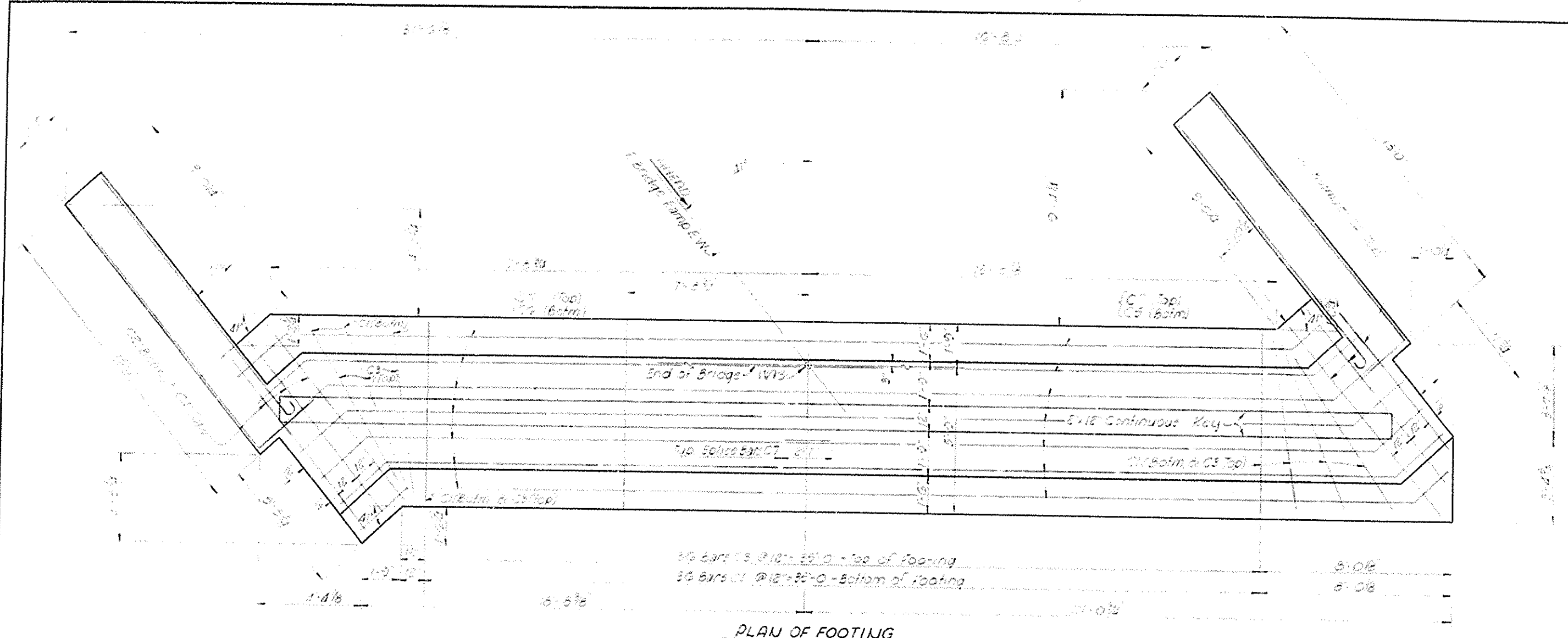


DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Date]
 REVISIONS: [Table]
 SCALE: [Scale]

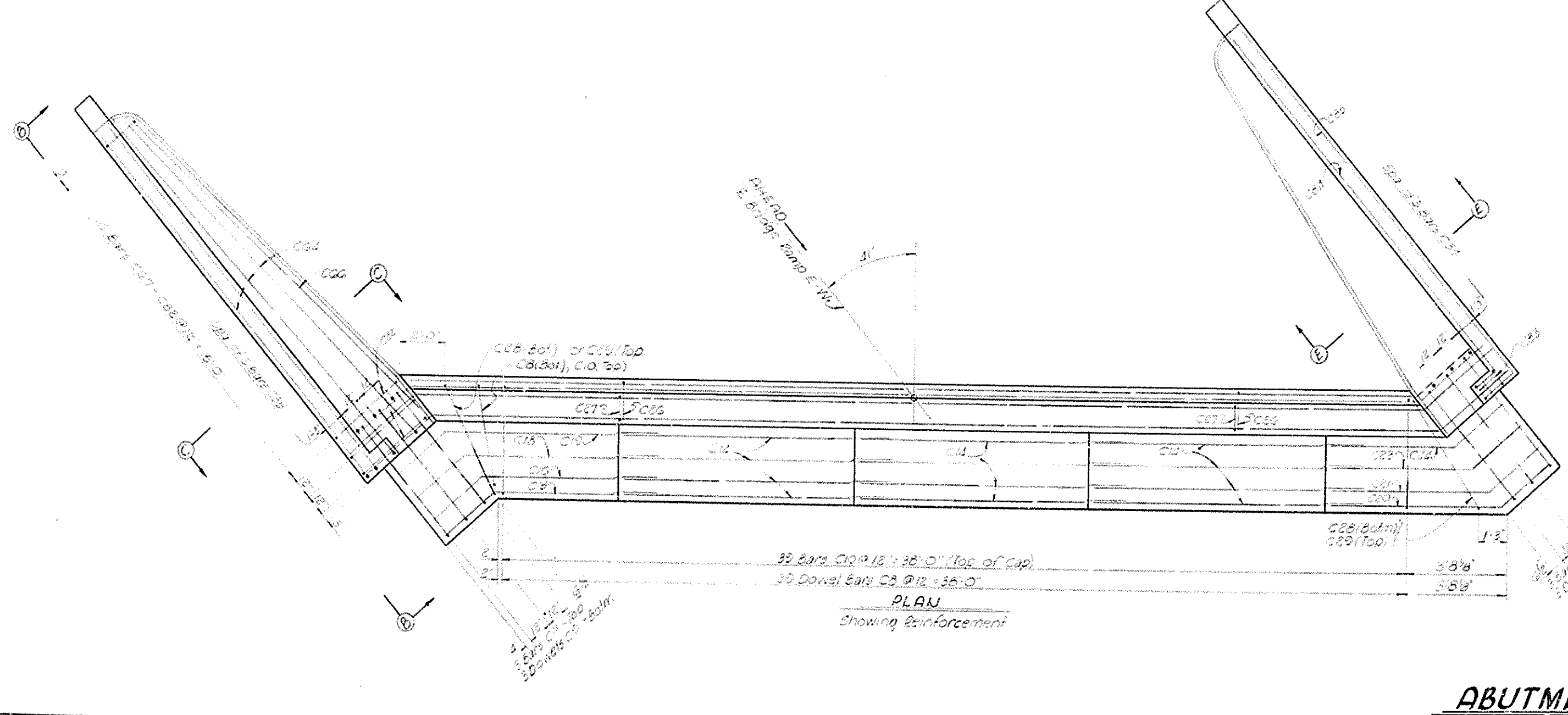
ABUTMENT IV

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
 JEFFERSON
 LOUISVILLE - COVINGTON
 ROAD
 STATION: 51+48.356 Ramp E in PROJECT NO.
 BRIDGE NUMBER: 10346
 DRAWING NO.: 10346

BRIDGE



NOTE:
Top of Cap cars are to be accurately located in accordance with the plans so that they will not interfere with drilling of Anchor Bolt holes.



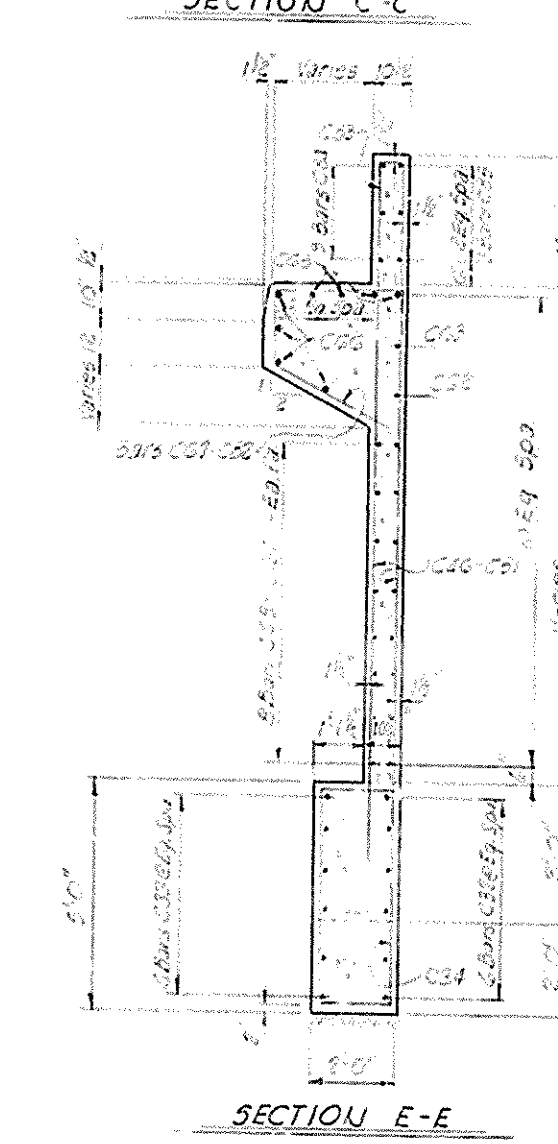
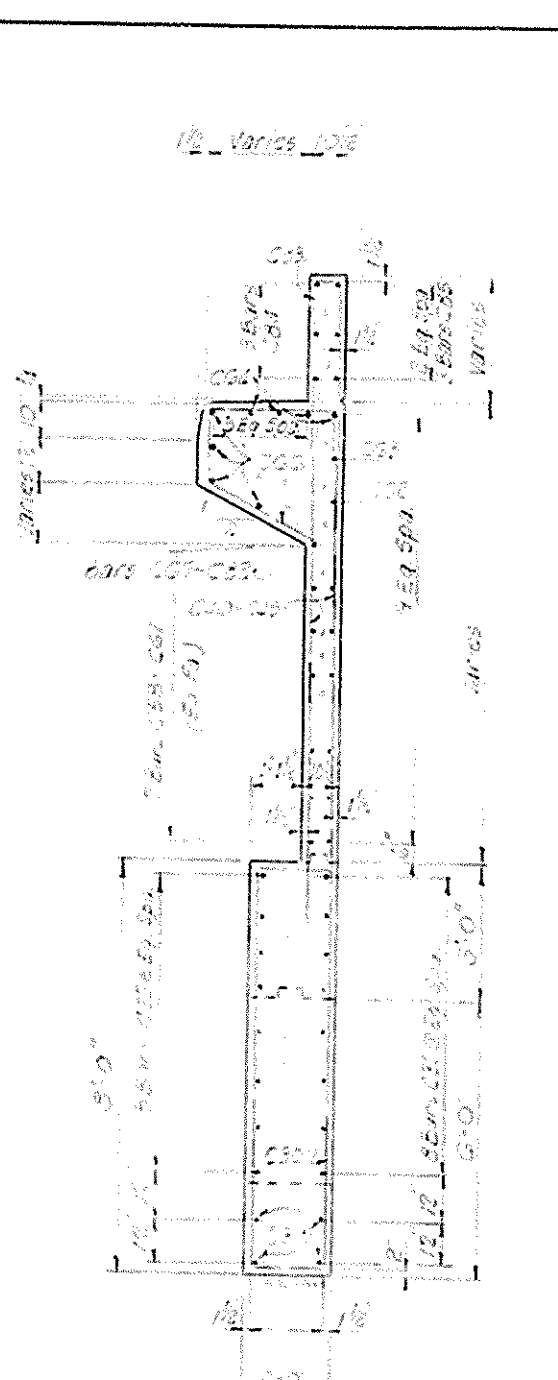
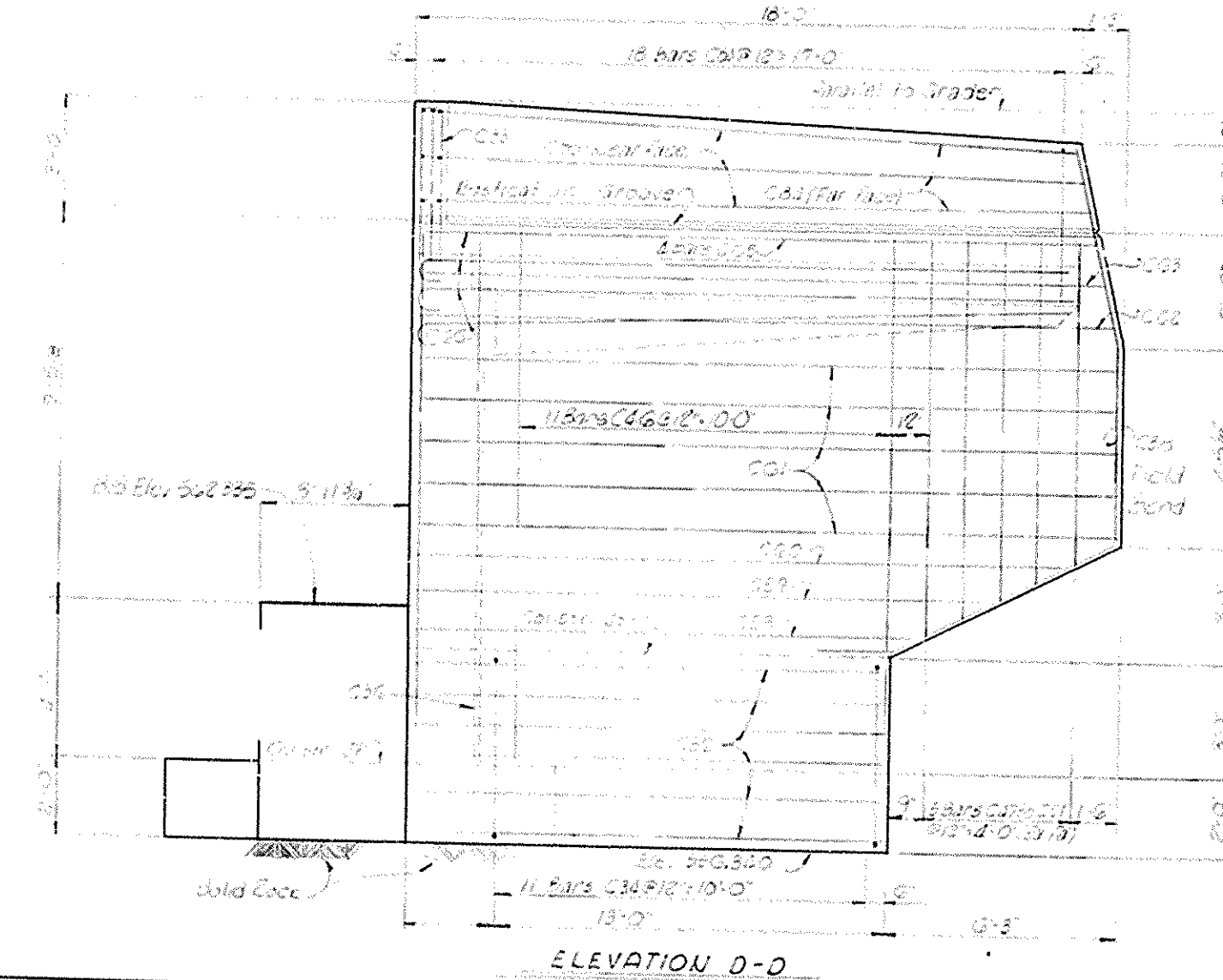
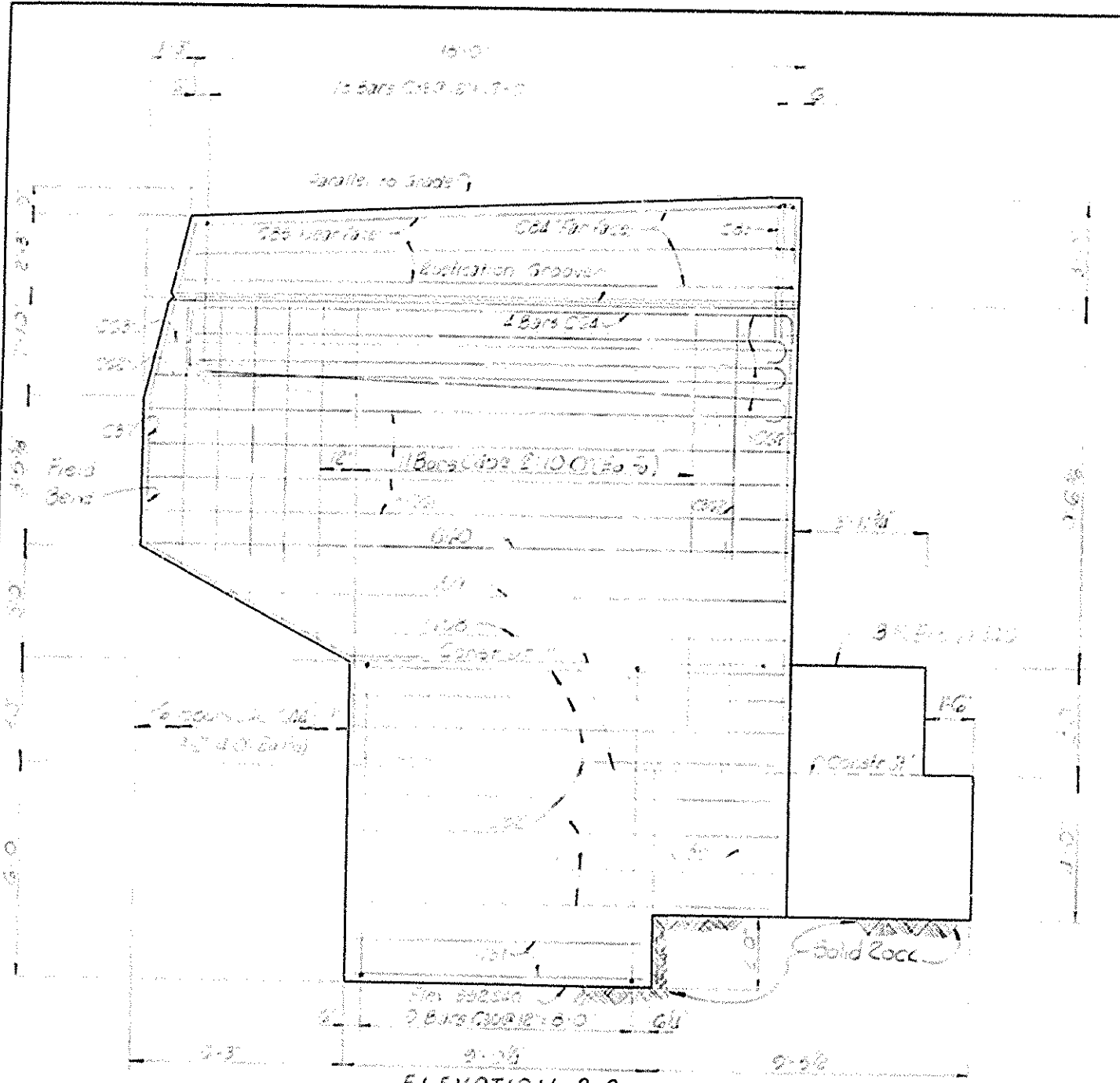
ABUTMENT 1 U

Commonwealth of Kentucky
Department of Highways
Frankfort
County of
JEFFERSON
Louisville - Covington
Road

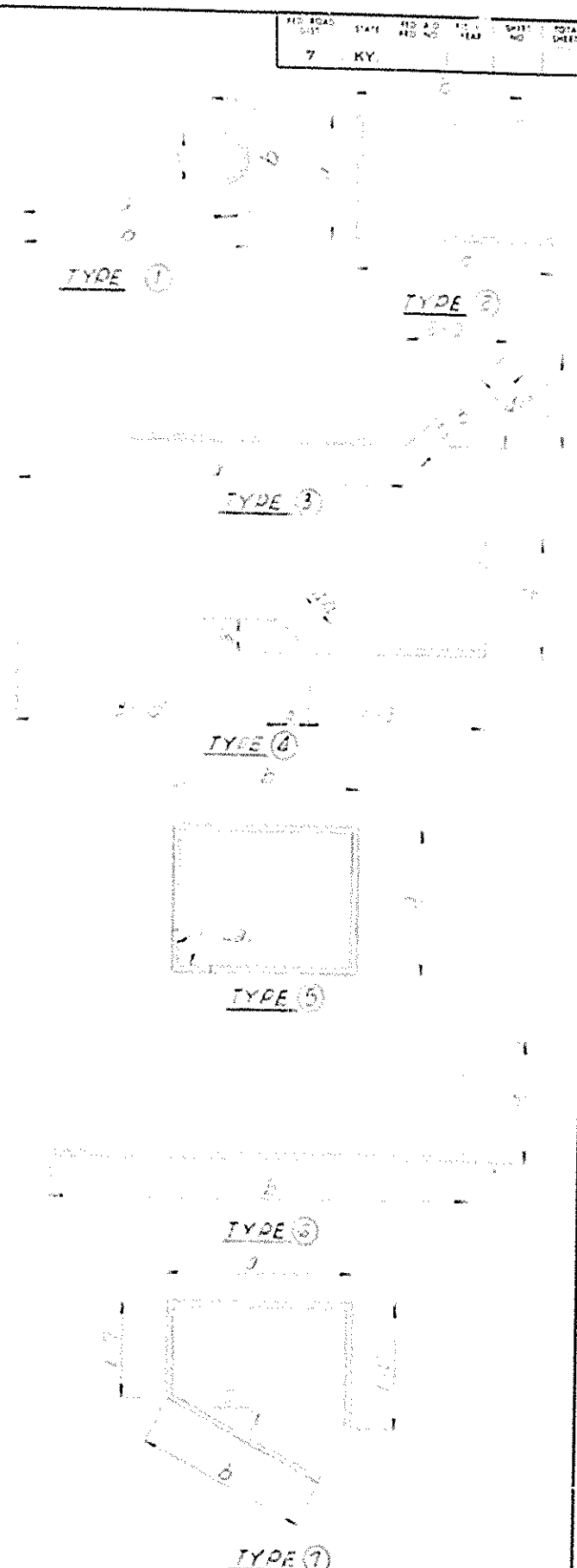
STATION 101+88.14 to 102+00.00 PROJECT NO. 16346
BRIDGE NUMBER NO. INDEX

BRIDGE

DESIGNED BY: *[Signature]* CHECKED BY: *[Signature]* DATE: *10/1/50*
 DRAWN BY: *[Signature]* DATE: *10/1/50*
 REVISIONS: *[None]*



BILL OF REINFORCEMENT									
MARK	TYPE	NUMBER	BAR SIZE	LENGTH	LOCATION	a	b	c	d
				FT. IN.		FT. IN.	FT. IN.	FT. IN.	FT. IN.
C1	1	12	#4	10	Bottom	5	0	0	0
C2	1	12	#4	10	Bottom	5	0	0	0
C3	1	12	#4	10	Bottom	5	0	0	0
C4	1	12	#4	10	Bottom	5	0	0	0
C5	1	12	#4	10	Bottom	5	0	0	0
C6	1	12	#4	10	Bottom	5	0	0	0
C7	1	12	#4	10	Bottom	5	0	0	0
C8	1	12	#4	10	Bottom	5	0	0	0
C9	1	12	#4	10	Bottom	5	0	0	0
C10	1	12	#4	10	Bottom	5	0	0	0
C11	1	12	#4	10	Bottom	5	0	0	0
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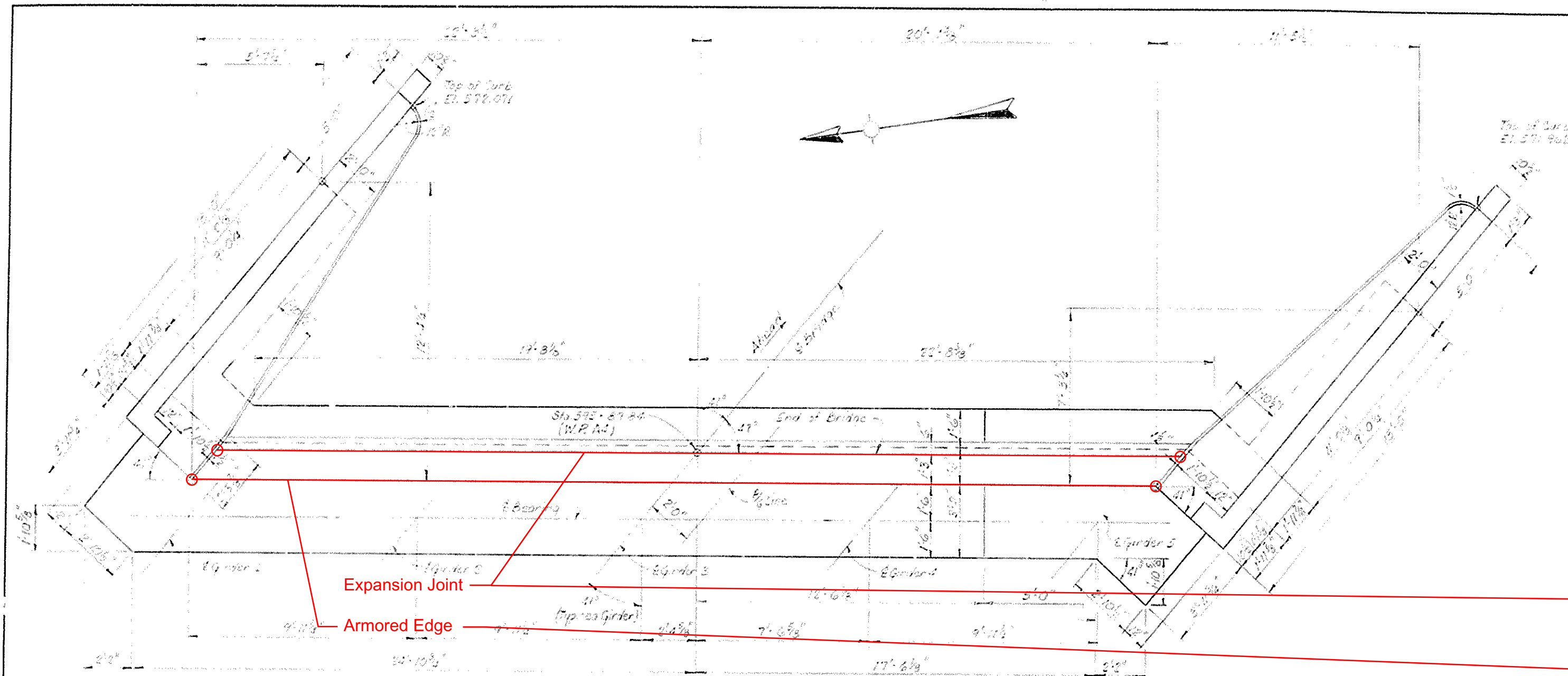


ESTIMATE OF QUANTITIES

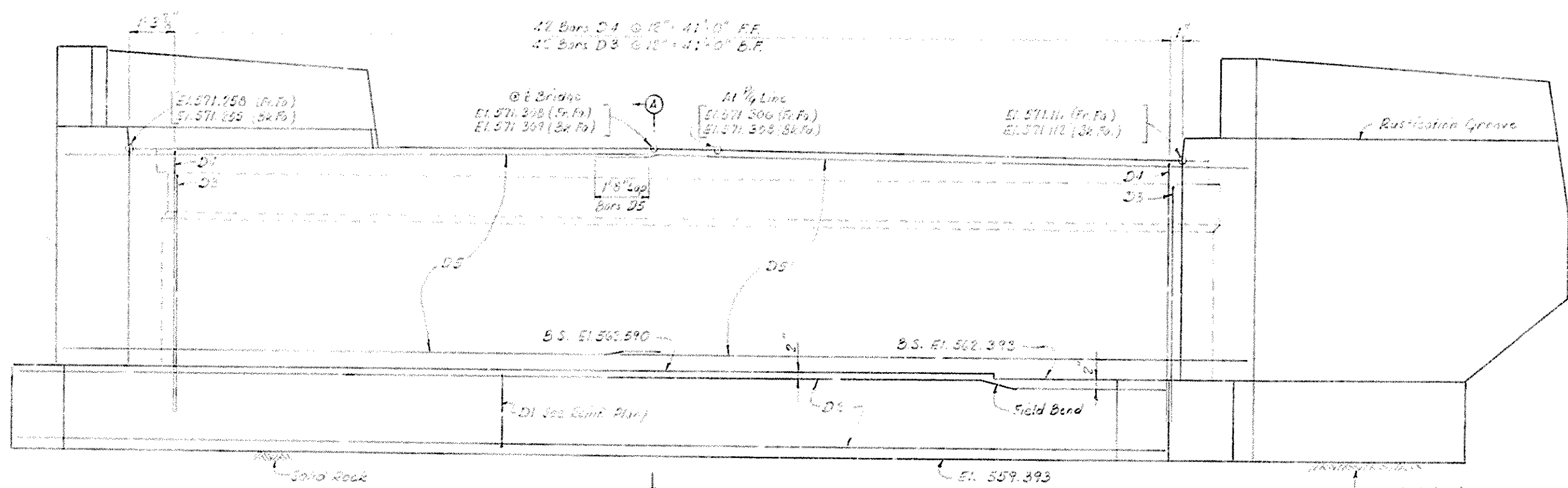
Concrete, Class A	13.1 Cu Yds
Reinforcement	2.52 Lbs

ABUTMENT 1U
 Ramp E-W 11' over Ramp 3' 6" S. 1' Sheet 3
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 LOUISVILLE - COVINGTON
 ROAD
 STATION 201+30.0 to 201+30.0 Camp E-W PROJECT NO.
 BRIDGE NUMBER 6842 INDEX

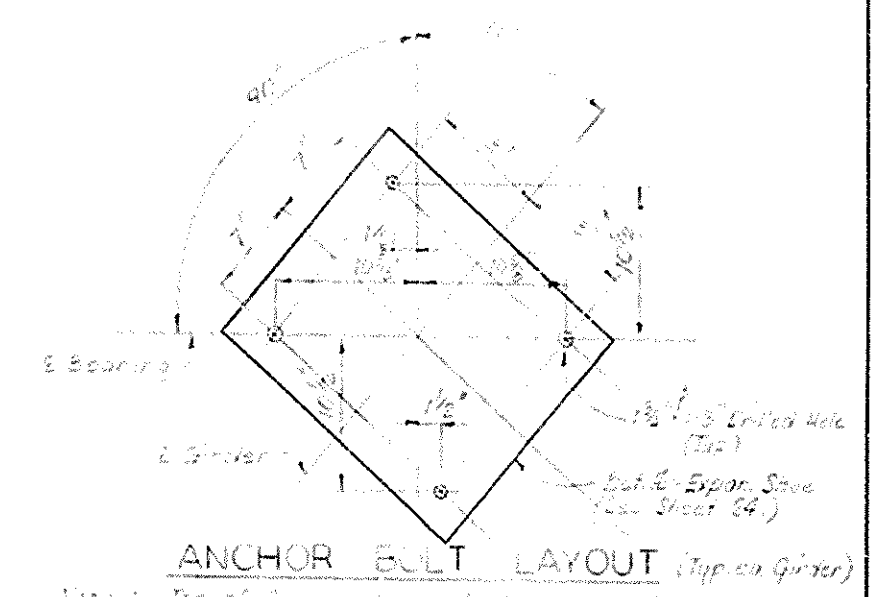
FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



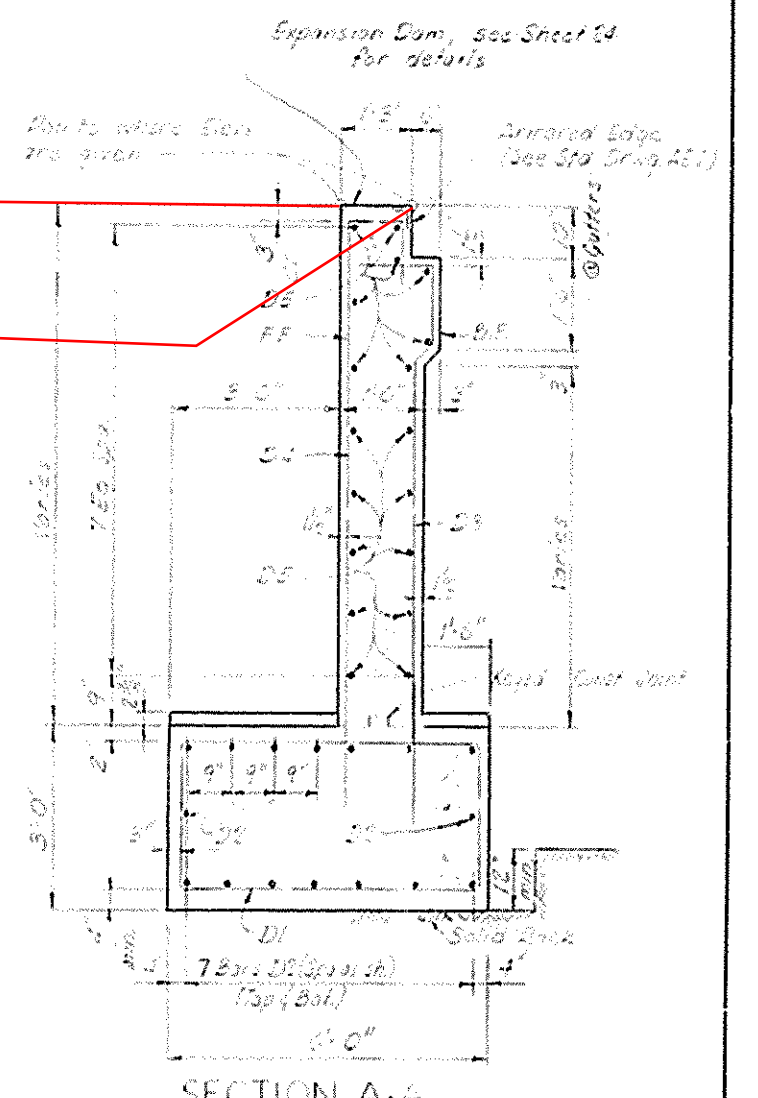
PLAN
(Showing Dimensions)



ELEVATION



ANCHOR BOLT LAYOUT (Top of Girder)

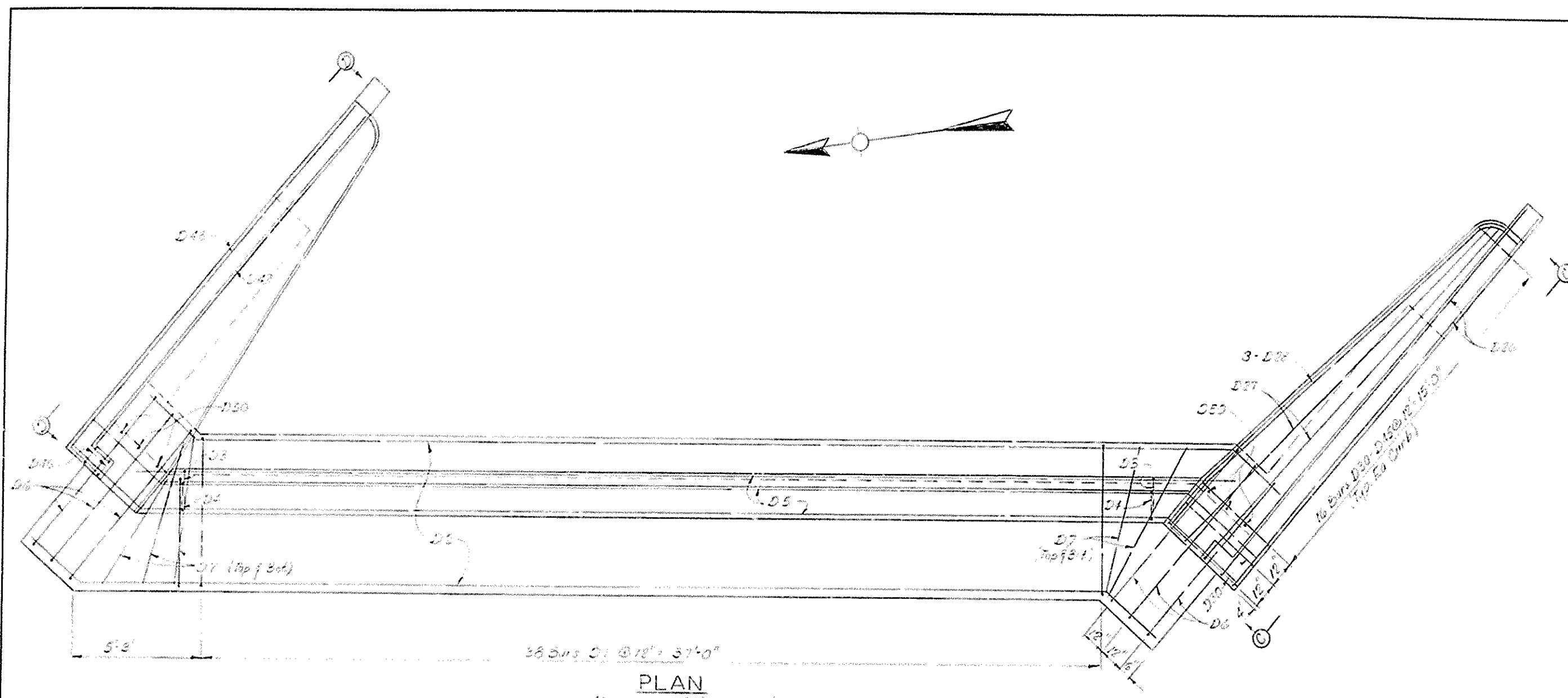


SECTION A-A

ABUTMENT 2U

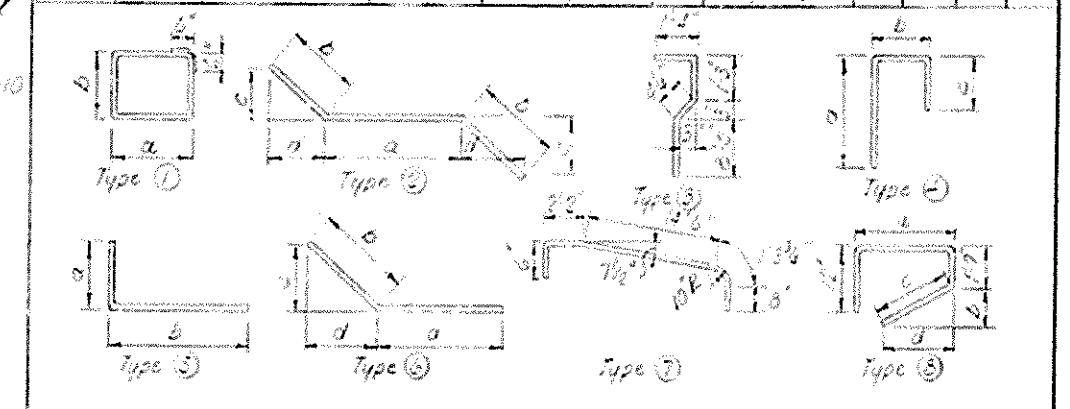
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
 JEFFERSON
 LOUISVILLE - COVINGTON
 ROAD
 STATION 20+12.51 to 20+13.46 (Ramp 1) PROJECT NO. SP12-012-12
 BRIDGE NUMBER 6846
 DRAWING NO. 6846
 SHEET 19

BRIDGE

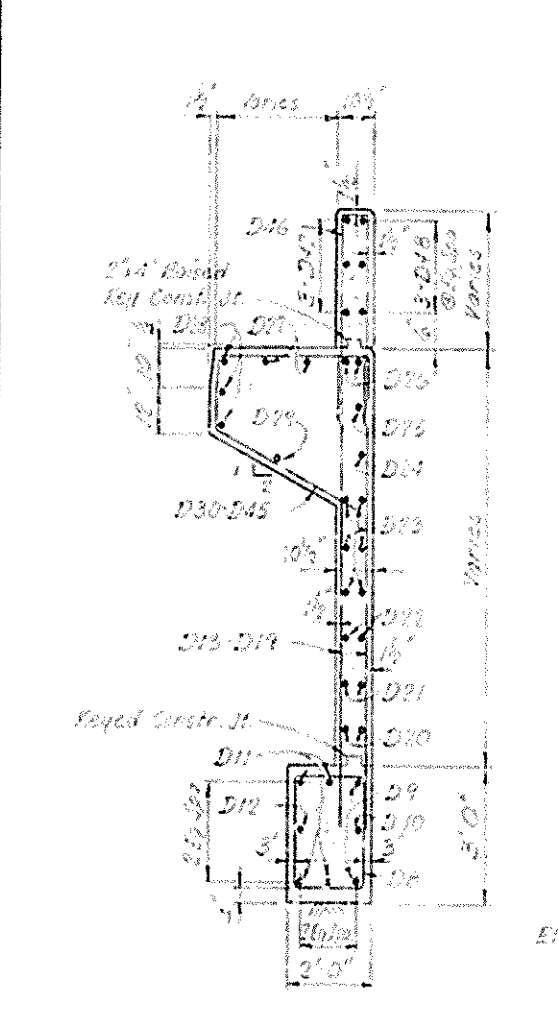


NO.	ROAD DIST.	STATE	NO.	FEED NO.	FEED YEAR	SHEET NO.	TOTAL SHEETS
7		KY.					

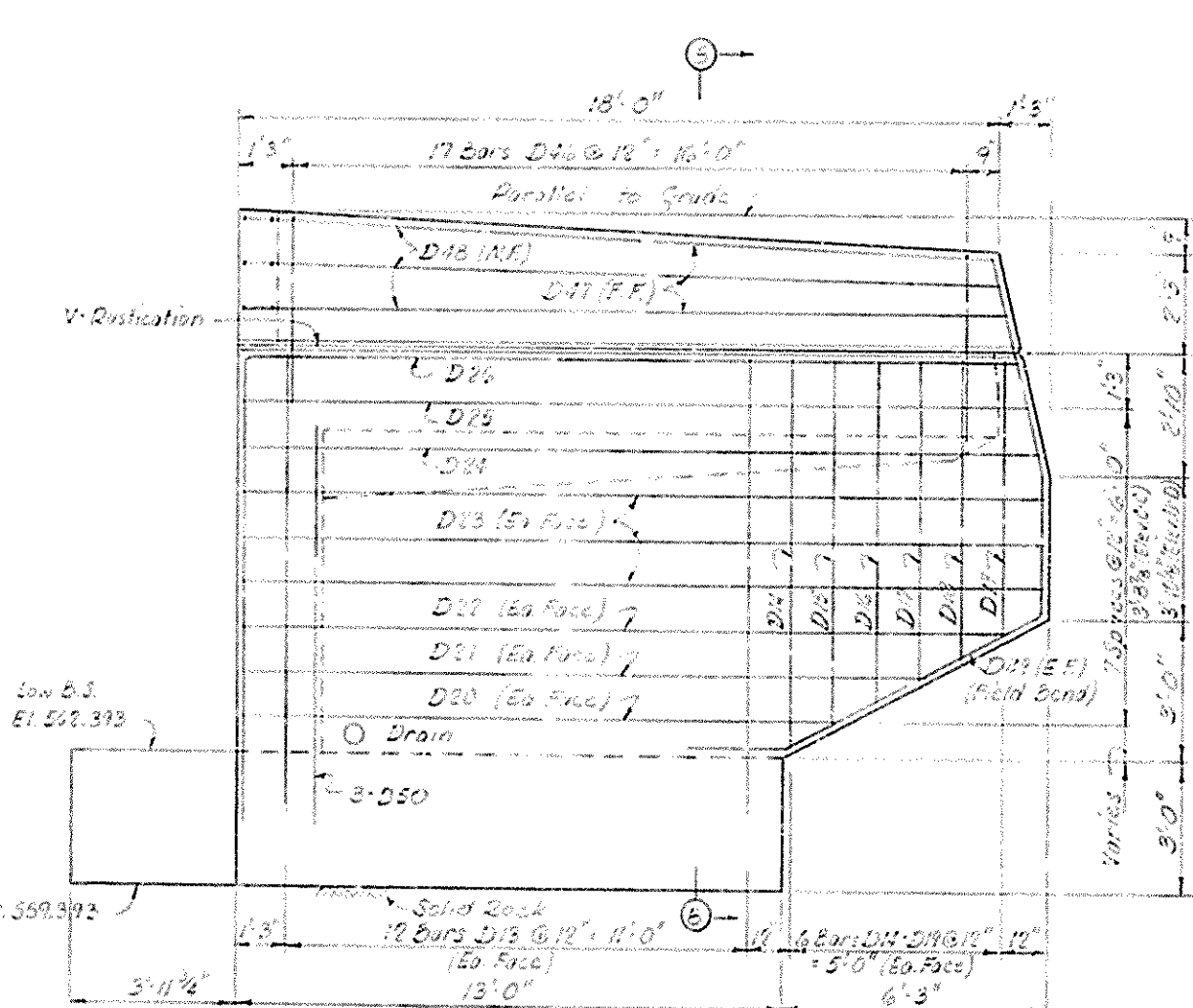
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D5	Str	5	#4	10	Cap						
D6	Str	6	#4	10	Cap						
D7	Str	7	#4	10	Cap						
D8	Str	8	#4	10	Cap						
D9	Str	9	#4	10	Cap						
D10	Str	10	#4	10	Cap						
D11	Str	11	#4	10	Cap						
D12	Str	12	#4	10	Cap						
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D14	Str	14	#4	10	Cap						
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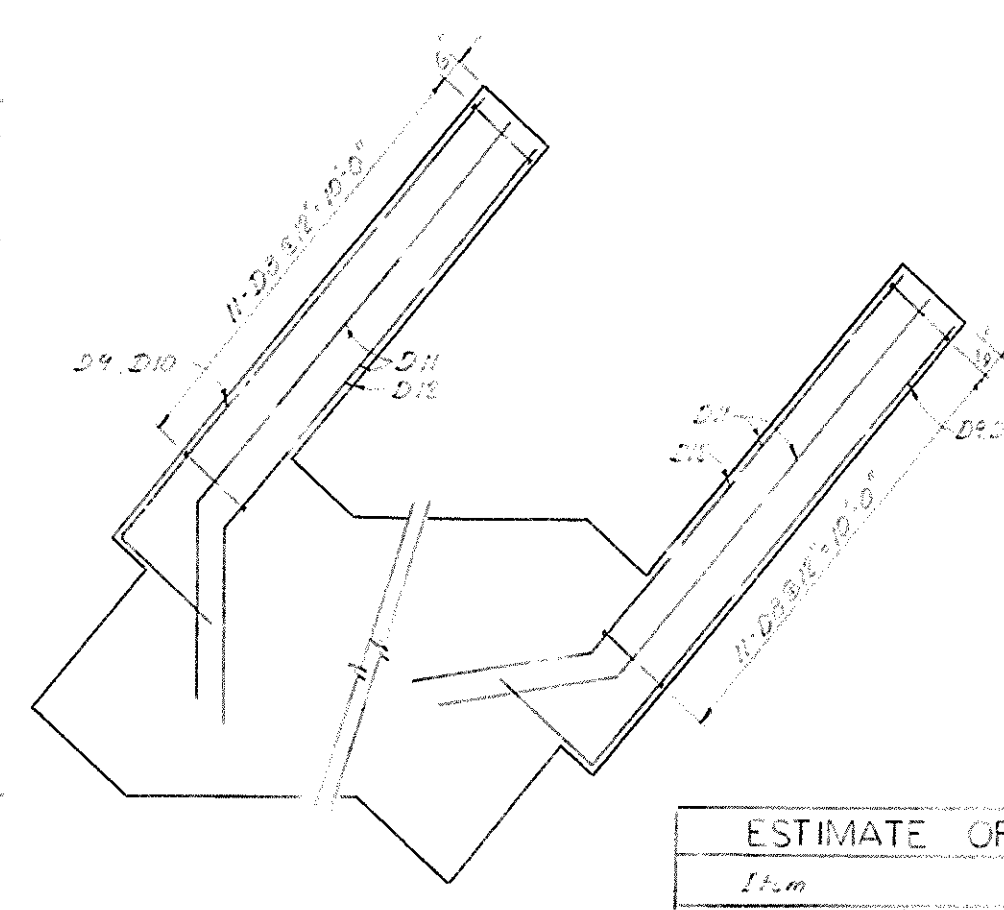
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 CHECKED BY: [Signature]
 DATE: [Date]
 SCALE: [Scale]
 DRAWING NO.: [Number]
 SHEET NO.: [Number]



SECTION B-B



ELEVATION C-C
 ELEVATION D-D (Opposite Hand)



WING CAP PLAN
 (Showing Reinforcement)

ESTIMATE OF QUANTITIES	
Item	
Concrete, Class 2 (Co. Kys.)	55.8
Reinforcement (lbs.)	6471

ABUTMENT 2U

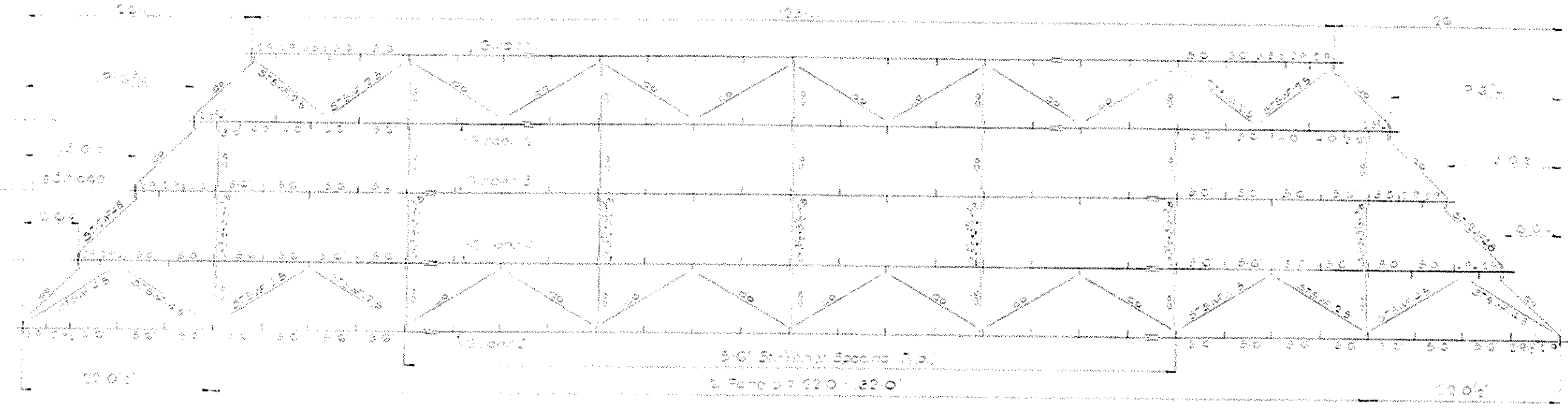
Ramp E-W, I-71 over Ramps 3 (S, I, T) Sheet 80

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 LOUISVILLE - COVINGTON
 ROAD

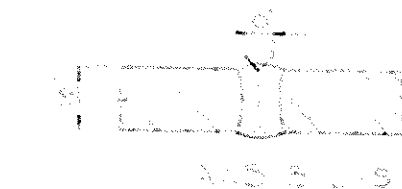
STATION 28+50.13 to 28+50.13 (Ramp E-W) PROJECT NO. SP 50-312-11

BRIDGE NUMBER 0346 INDEX

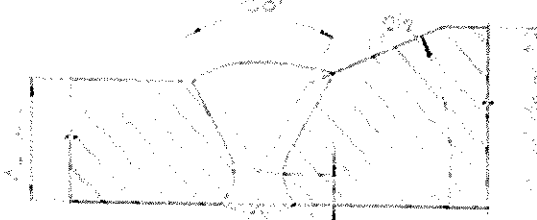
BRIDGE



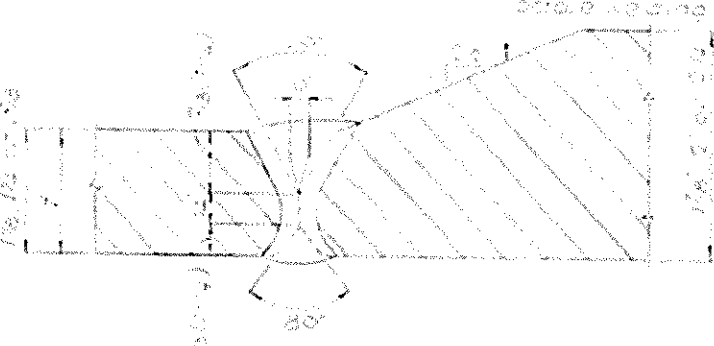
FRAMING PLAN



ANS B-1.5

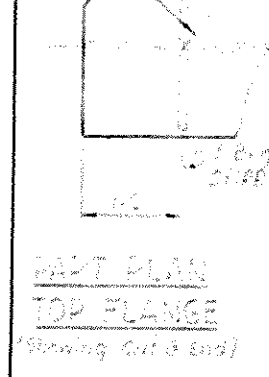


ANS B-1.5.5
Extension Bars Roped

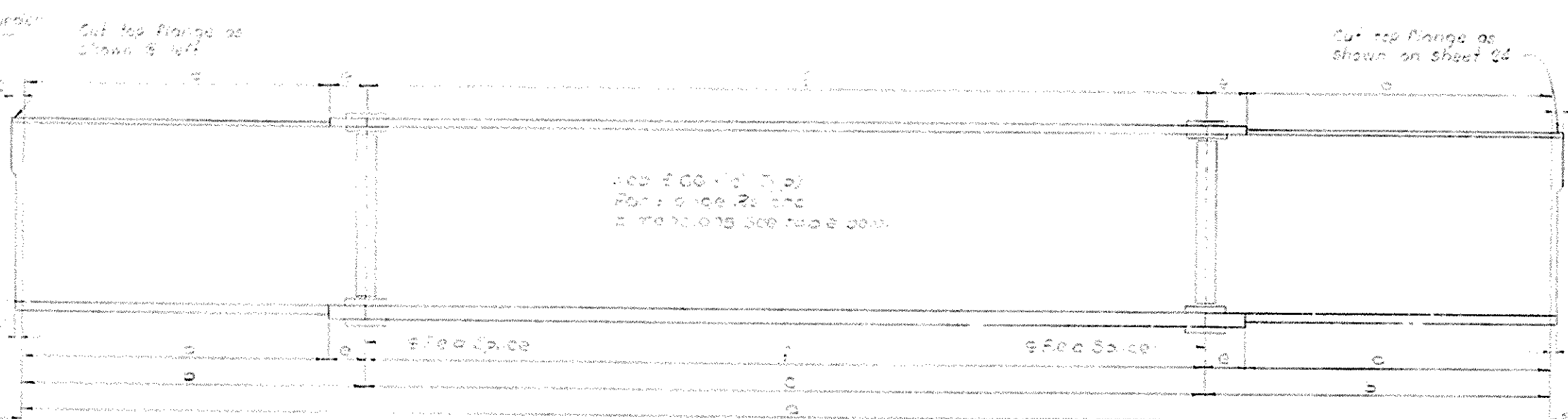


ANS B-1.5.5 Extension Bars Roped

NOTE:
 See American Institute of Steel Construction, Inc. Manual, 9th Edition, for details of connections and for proper welding procedures.
 Flange to web weld to be single pass submerged arc (SMA) weld in the flat position. Parts are to be assembled with edge of web B right against flange B before welding.

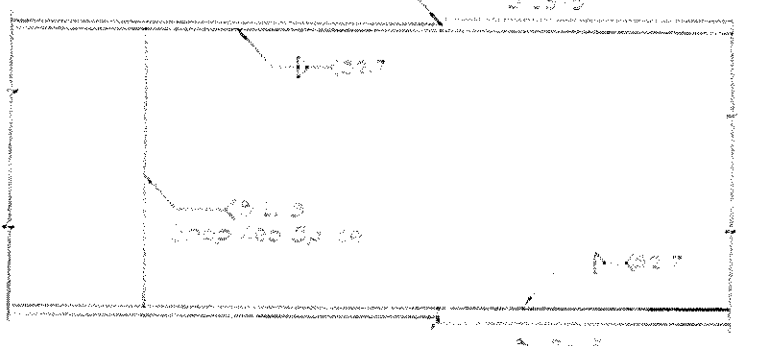


PART PLAN
TOP FLANGE
(Showing Cut & End)



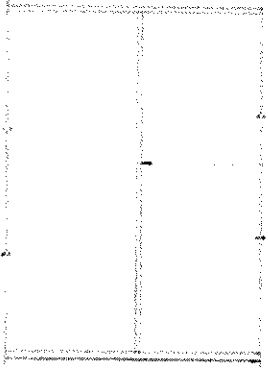
TYPICAL GIRDER ELEVATION

SHOP WELD DETAILS



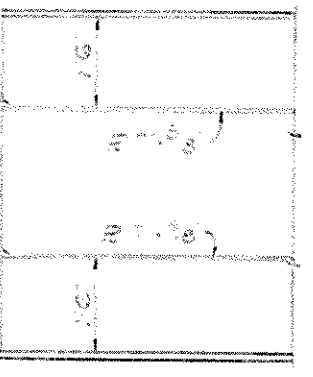
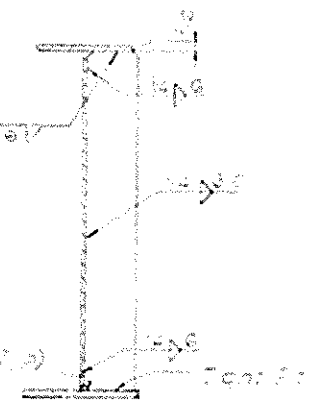
PART GIRDER ELEVATION
(Showing Welds)

GIRDER	D	C	B	LENGTH	FLANGE B SIZE	LENGTH	FLANGE C SIZE	LENGTH	FLANGE D SIZE
1	23.0	3.0	60.0	27.0	Top 10" x 1/2"	3.0	Top 10" x 1/2"	60.0	Top 10" x 1/2"
2	30.0	3.0	60.0	3.0	Top 10" x 1/2"	4.0	Top 10" x 1/2"	60.0	Top 10" x 1/2"
3	60.0	3.0	60.0	3.0	Top 10" x 1/2"	3.0	Top 10" x 1/2"	60.0	Top 10" x 1/2"
4	60.0	3.0	60.0	3.0	Top 10" x 1/2"	3.0	Top 10" x 1/2"	60.0	Top 10" x 1/2"
5	170.0	3.0	60.0	47.0	Top 10" x 1/2"	3.0	Top 10" x 1/2"	60.0	Top 10" x 1/2"

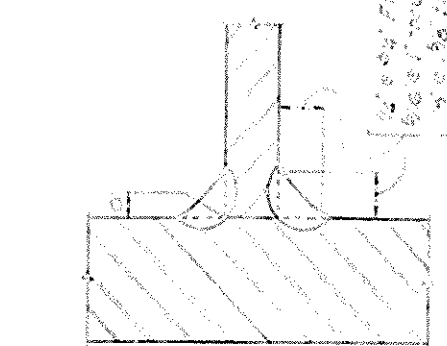


2" x 1/4" x 6' Bottom Flange
 2" x 1/4" x 24' Bottom Flange
 (Placed as shown on framing plan above)

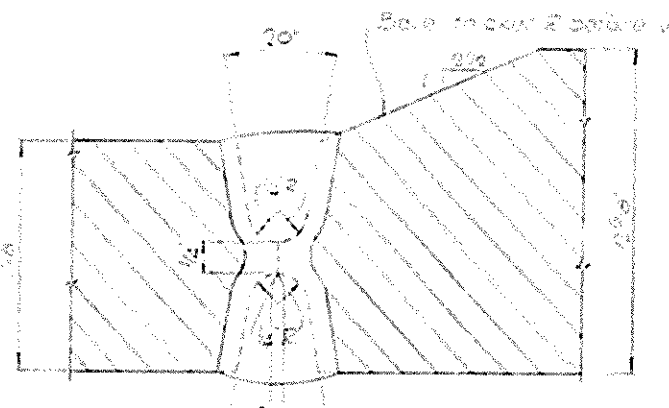
INTERMEDIATE STIFFENERS



HORIZONTAL STIFFENERS
(Outside of Girders 1 & 5 only)

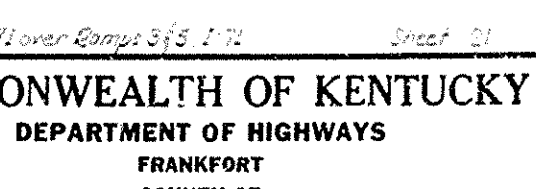


FLANGE TO WEB WELD (AAS 5017)
(Submerged Arc Weld)



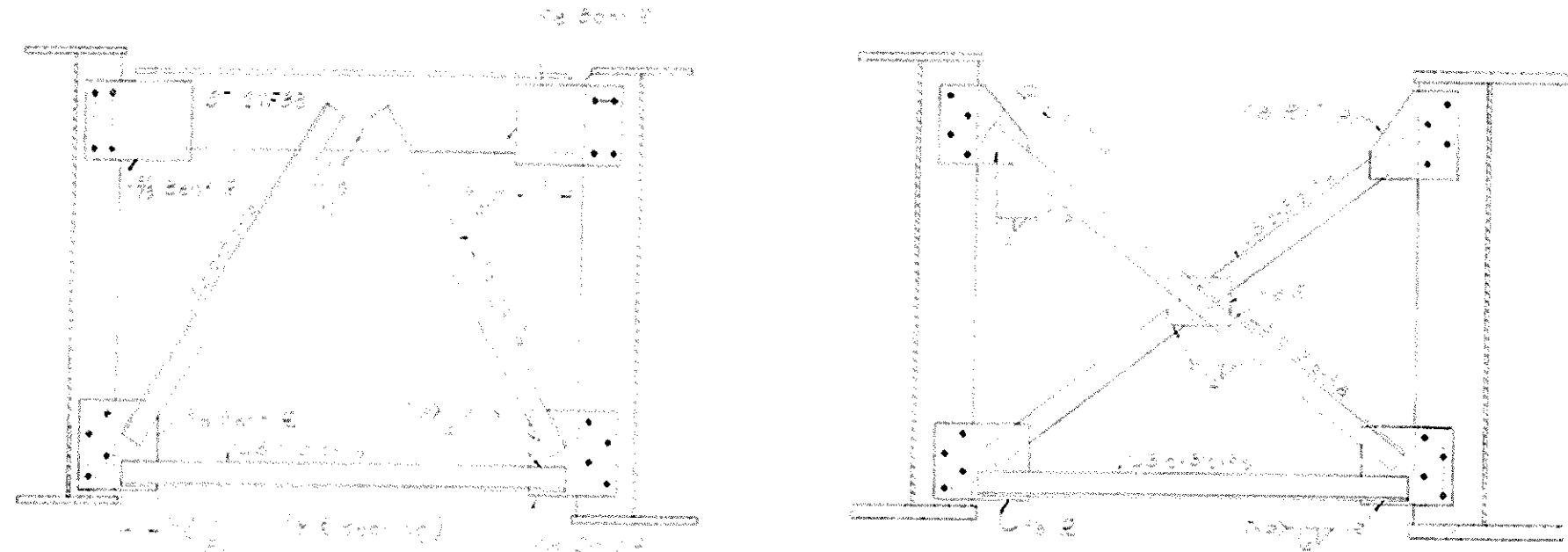
ANS B-1.5.5
(Extension Bars Roped)

FLANGE B WIDTH TRANSITION

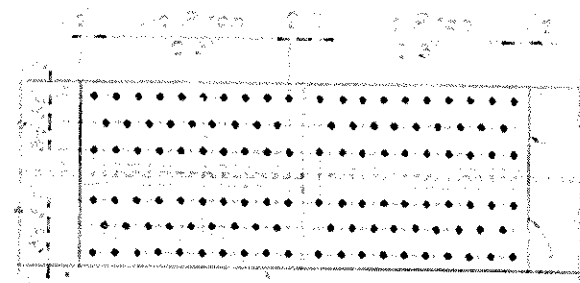


COMMONWEALTH OF KENTUCKY
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 LOUISVILLE - COVINGTON
 ROAD
 STATION 10+575+13.50 (Ramp Exit) PROJECT NO. SP 50-313-12
 BRIDGE NUMBER 15324

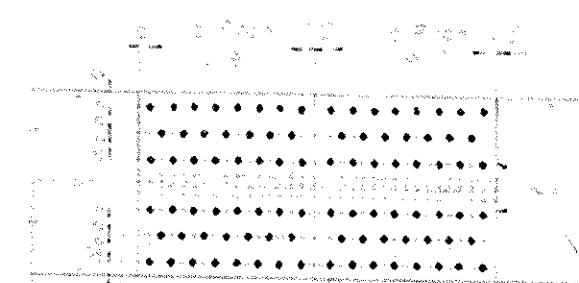
BRIDGE



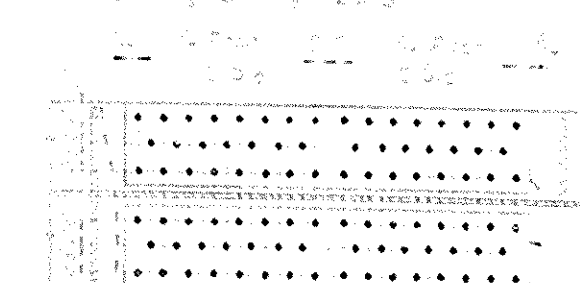
TOP CROSS FRAMES



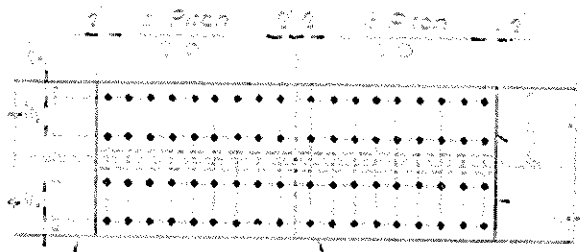
GIRDER 5 TOP FLANGE



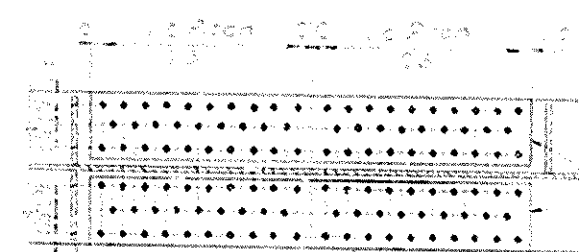
GIRDER 4 TOP FLANGE



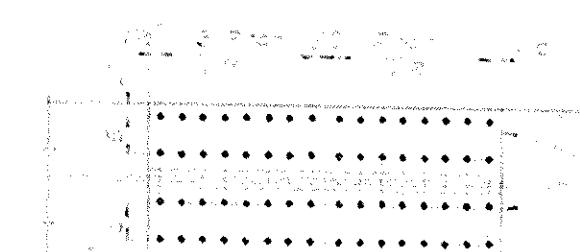
GIRDER 4 BOTTOM FLANGE



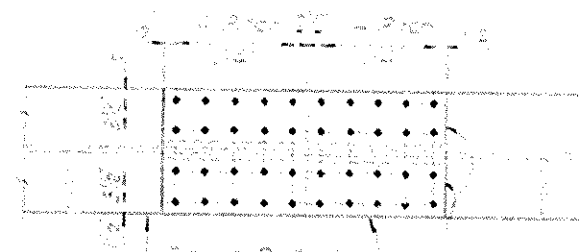
GIRDER 3 TOP FLANGE



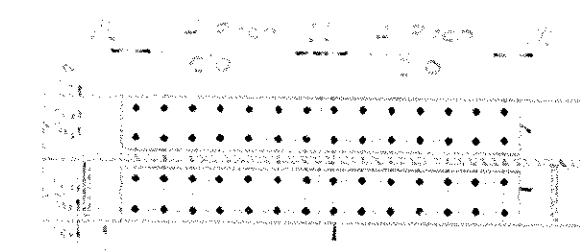
GIRDER 3 BOTTOM FLANGE



GIRDER 2 TOP FLANGE

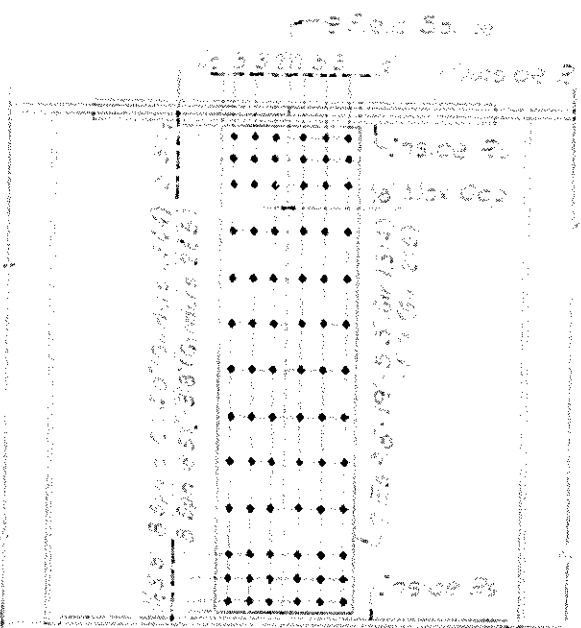


GIRDER 2 TOP FLANGE



GIRDER 2 BOTTOM FLANGE

FLANGE SPICES



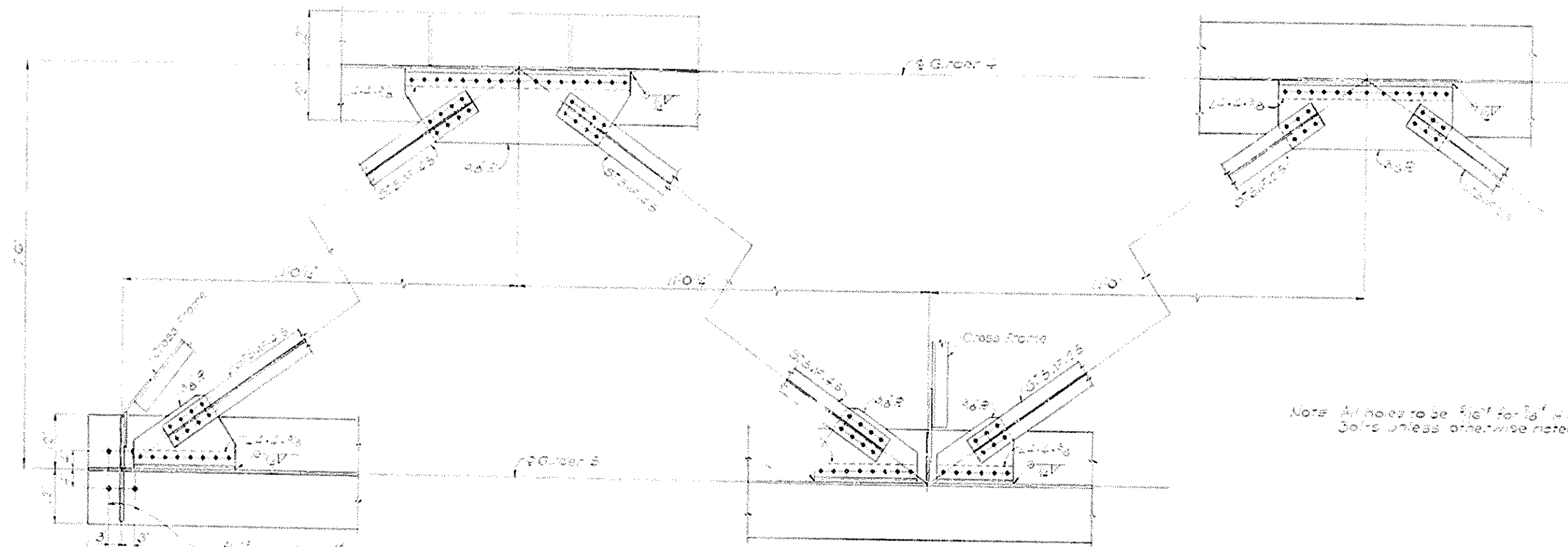
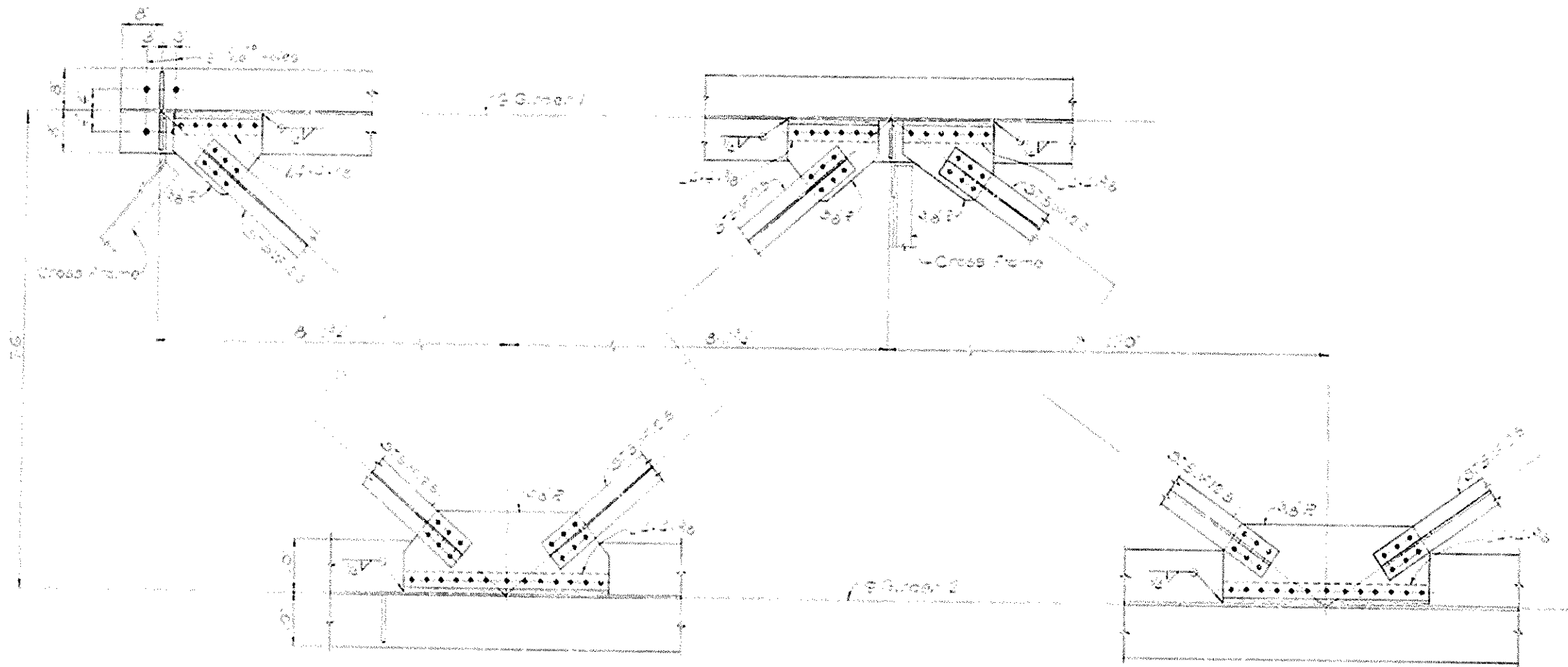
ELEVATION 1.25 FIELD BRIDGE

Note: All bolts to be 1/2" dia. A325.

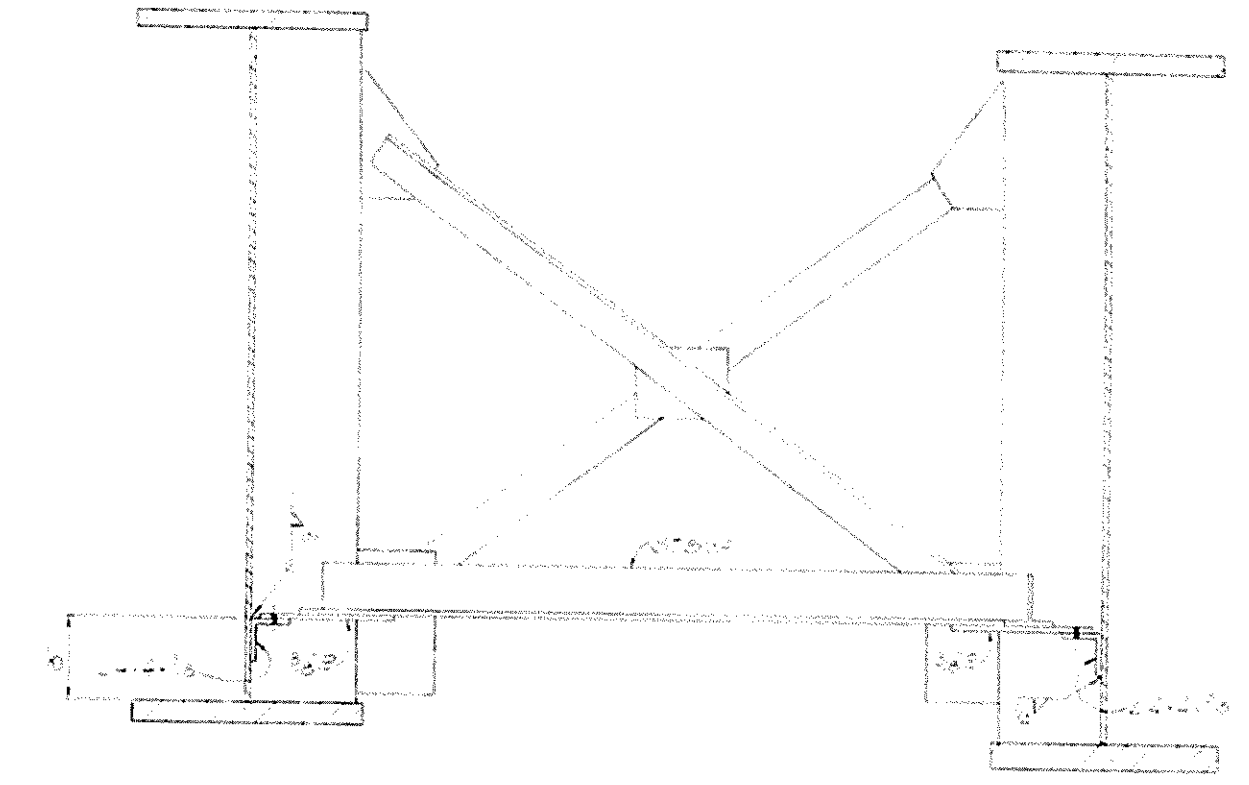
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON
ROAD
STATION 18+11.50 to 18+50.00
PROJECT NO. 10346

BRIDGE

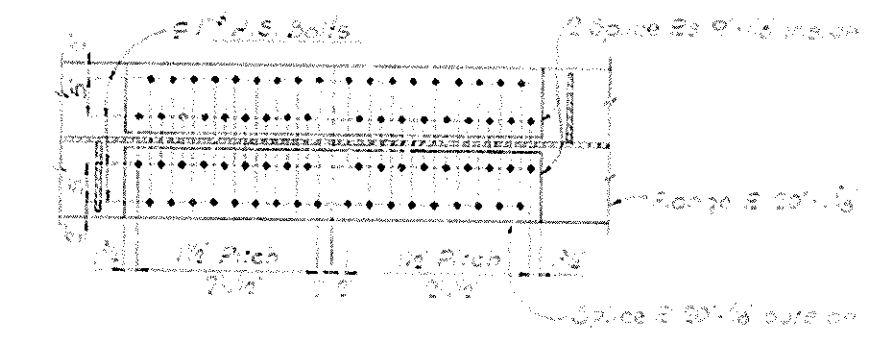
FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



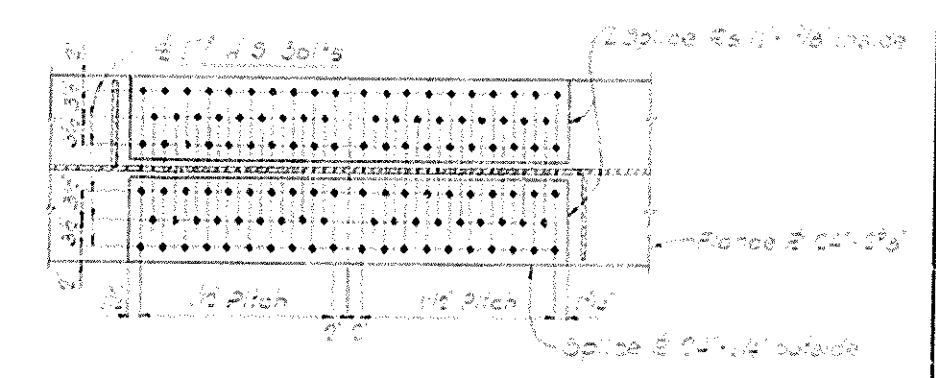
PART PLAN BOTTOM FLANGE
(Showing Lateral Bracing)



TYPICAL SECTION
(Showing Lateral Bracing Connections)



GIRDER 2 BOTTOM FLANGE



GIRDER 3 BOTTOM FLANGE

FLANGE SPLICES
20' Splice Plate over 20' Splice Plate

Note: All holes to be 1/8" for 1/2" A.S. bolts unless otherwise noted.

COMMONWEALTH OF KENTUCKY
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COUNTY OF
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LOUISVILLE - COVINGTON
ROAD

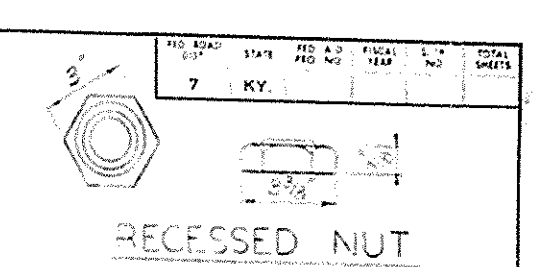
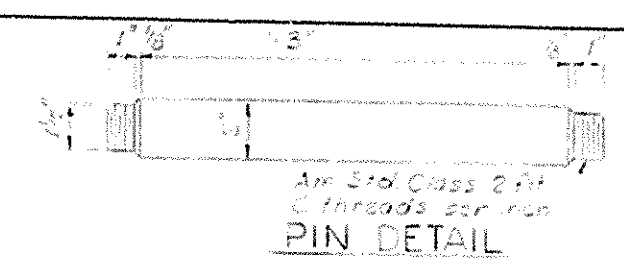
STATION 10+00 to 10+50
 BRIDGE NUMBER 16346
 PROJECT NO. 50-46-1-2
 DRAWING NO. 16346
 INDEX

REVISED LATERAL BRACING
 BOTTOM FLANGE SPICE BEAM 215

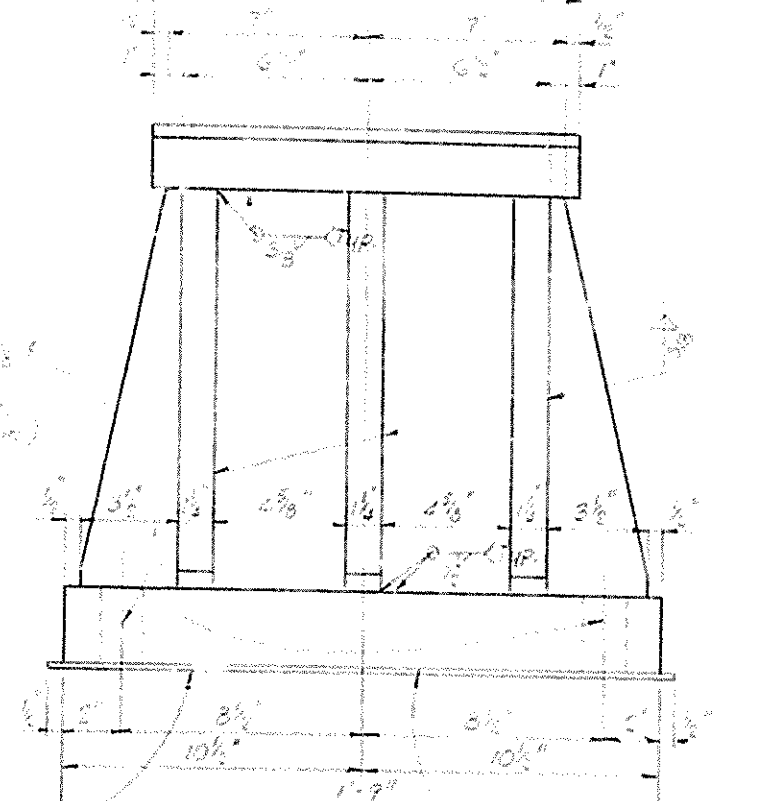
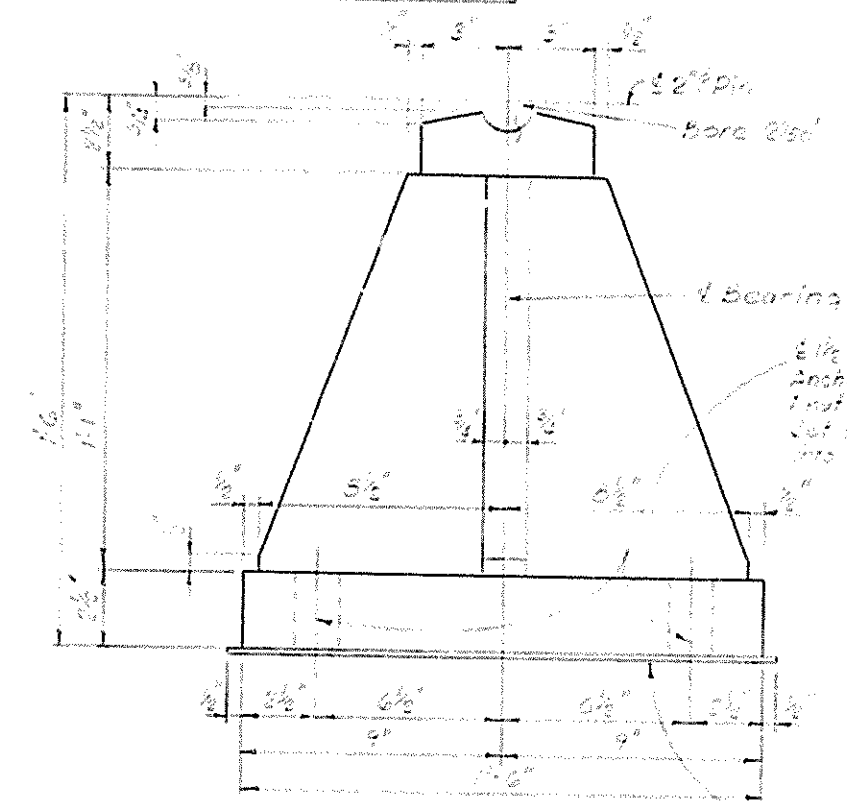
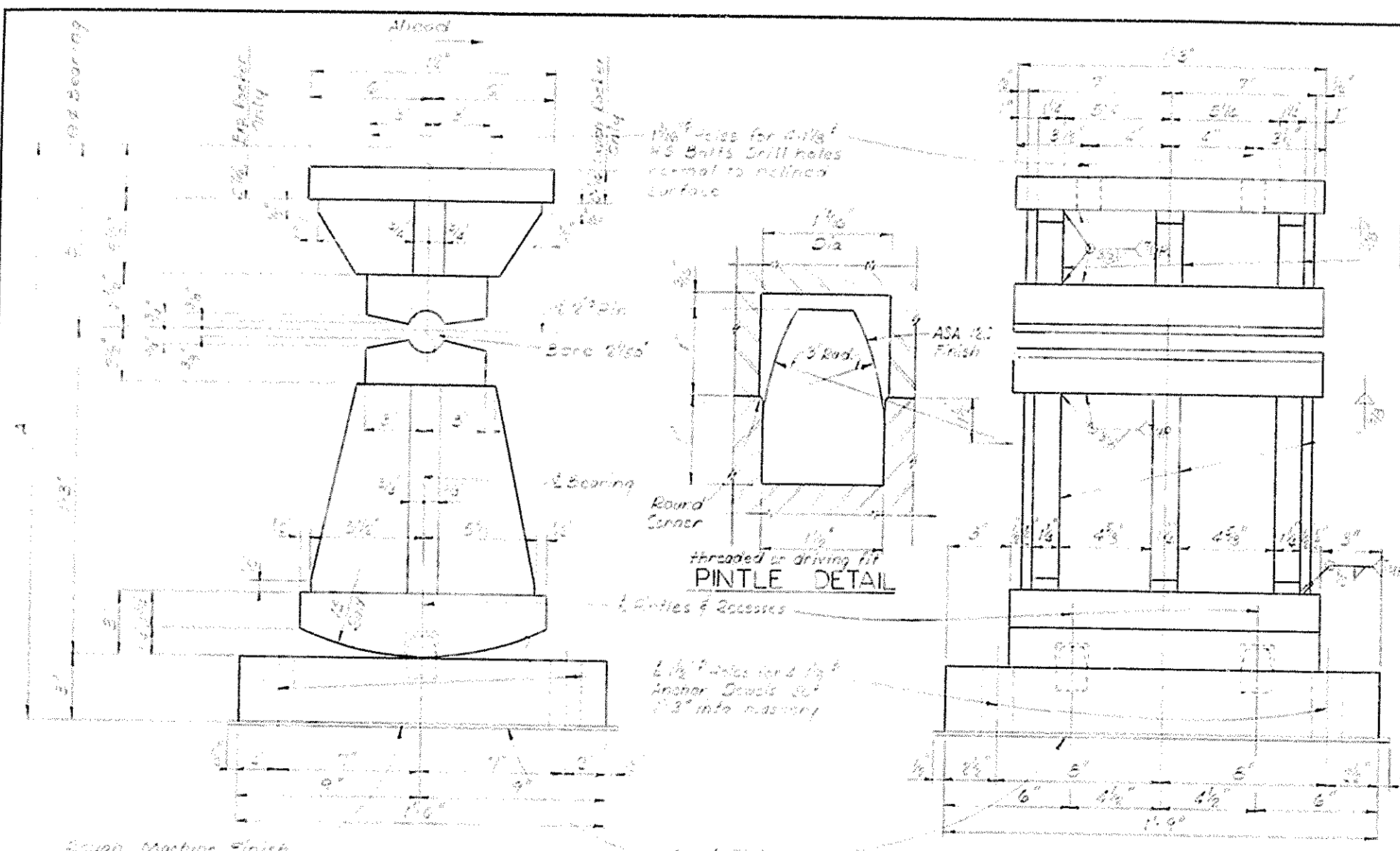
DESIGNED BY: [Name] CHECKED BY: [Name] DATE: [Date]
 DRAWN BY: [Name] CHECKED BY: [Name] DATE: [Date]
 TYPED BY: [Name] CHECKED BY: [Name] DATE: [Date]

BRIDGE

VARIABLE DIMENSIONS					
Exp. Shop	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5
A	2'-0"	2'-1 1/2"	2'-1 1/2"	2'-1 1/2"	2'-1 1/2"
B	7 1/4"	7 1/4"	7 1/4"	7 1/4"	7 1/4"
C	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Fixed Shoe					
A	2'-0 1/2"	2'-0 1/2"	2'-0 1/2"	2'-1 1/4"	2'-1 1/4"
B	8 1/2"	8 1/2"	8 1/2"	7 1/2"	7 1/2"
C	2 3/8"	2 3/8"	2 3/8"	1 1/2"	1 1/2"



For details of top assembly see expansion rocker detail.



EXPANSION ROCKER

FIXED SHOE

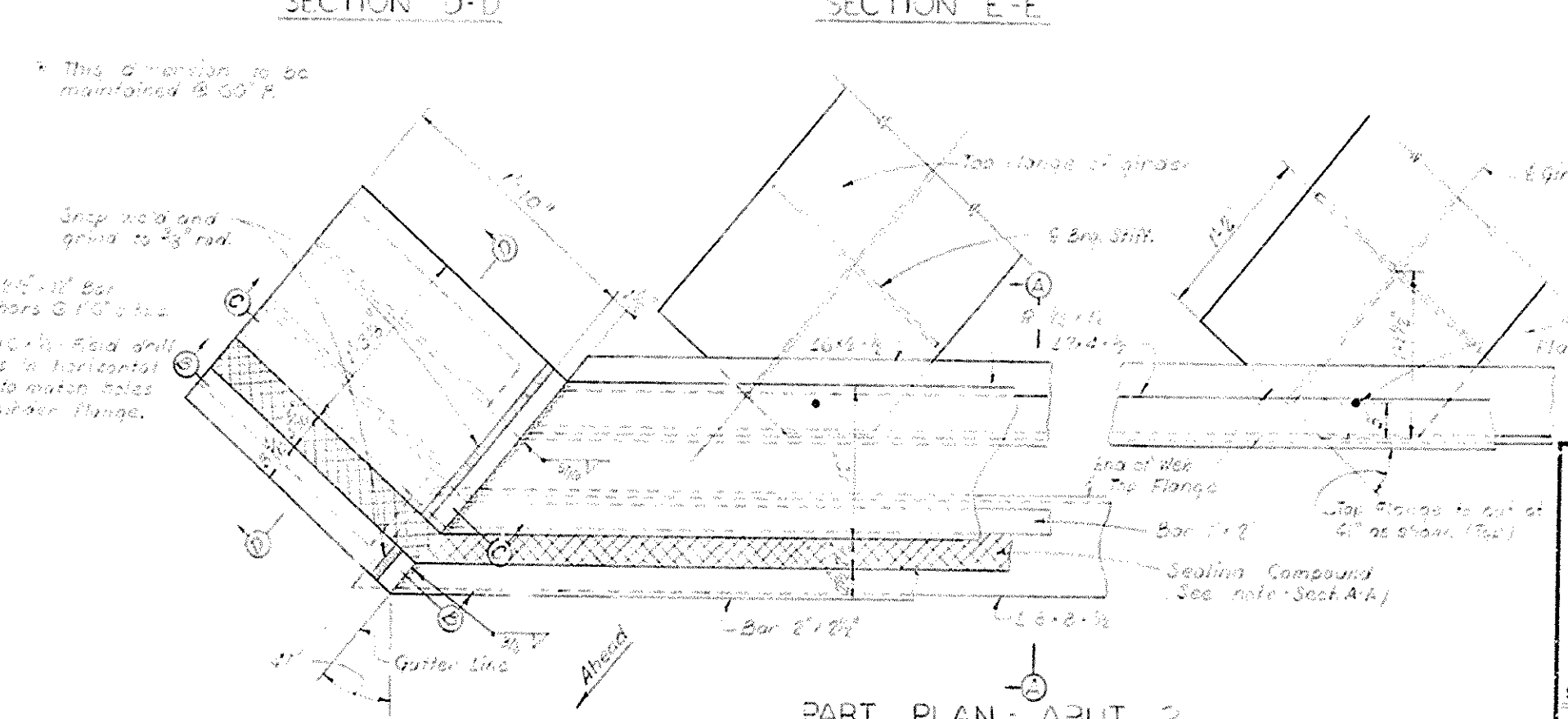
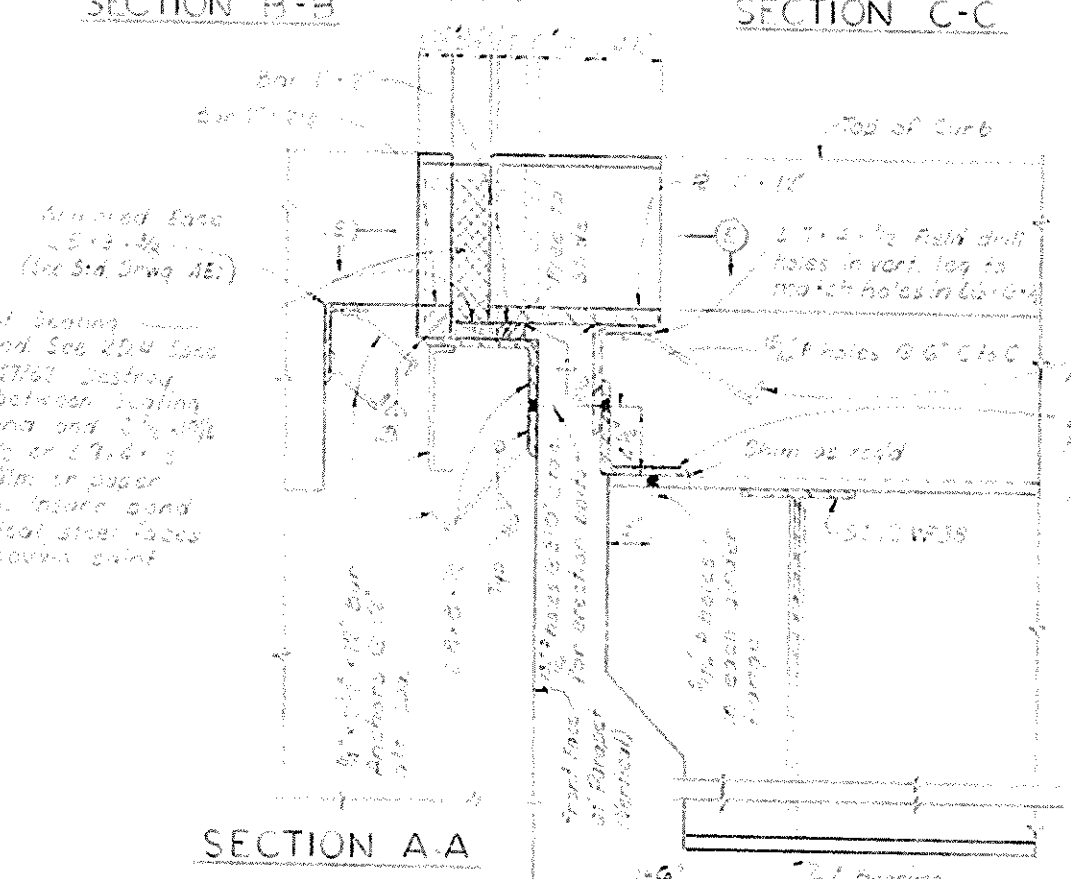
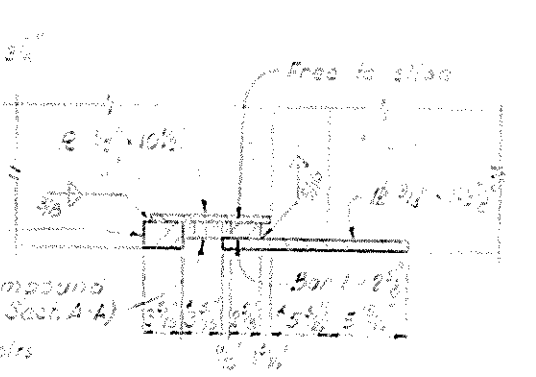
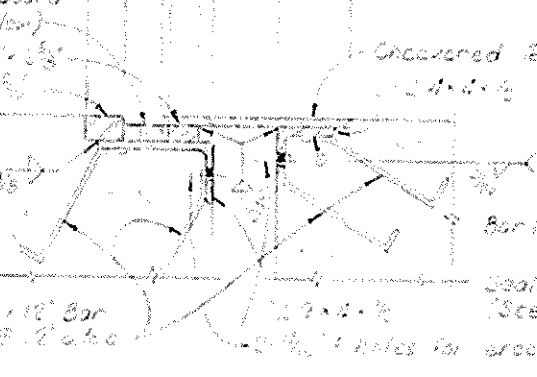
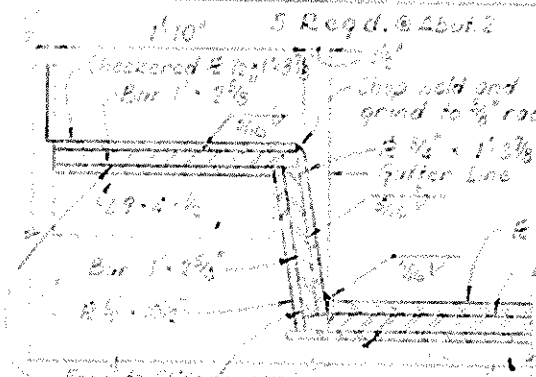
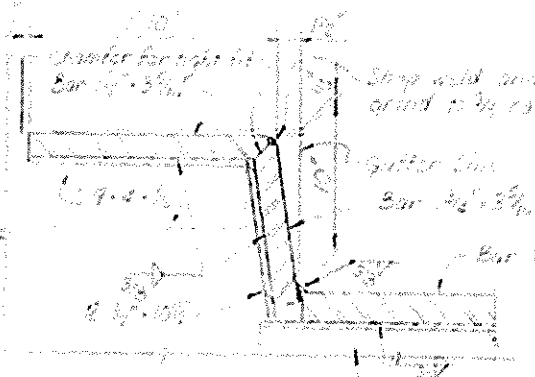
NOTES

Preheat requirements of AWS Specifications shall be observed while welding bearing assemblies. Where preheating of the base metal is required, it shall be indicated with the weld symbol on the shop drawings.

The shop detail drawings shall specify the electrodes to be used for welding bearing assemblies.

After all welding is completed, the bearing assemblies shall be stress relieved by heat treatment in accordance with AWS Specification 412. Finish machining shall be done subsequent to heat treatment.

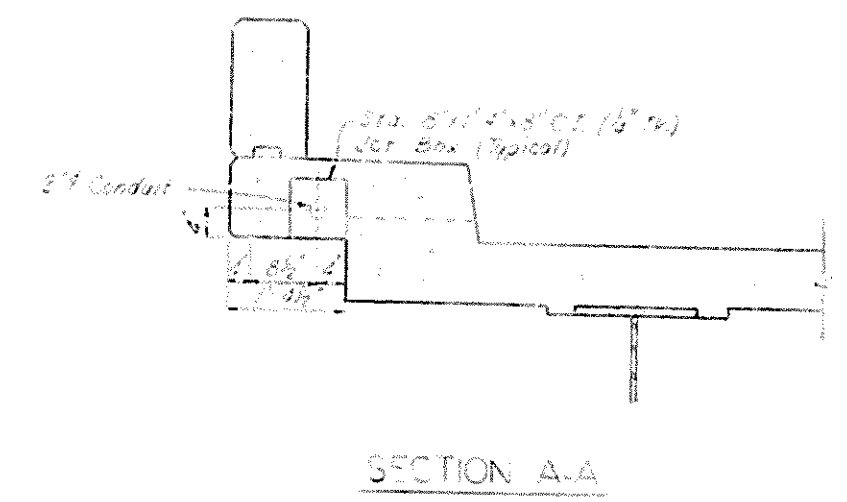
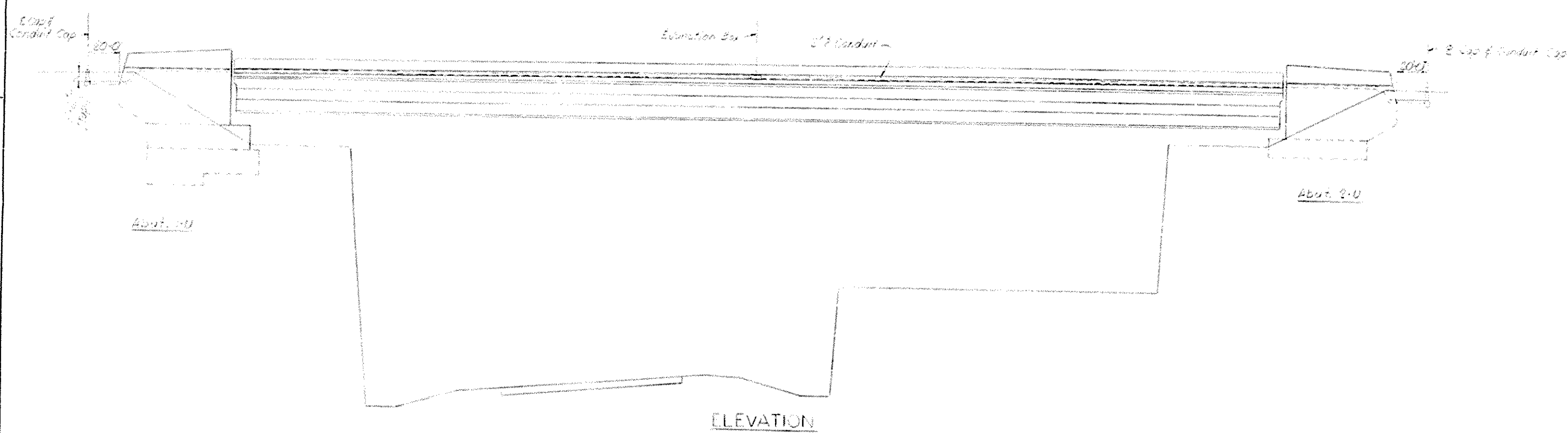
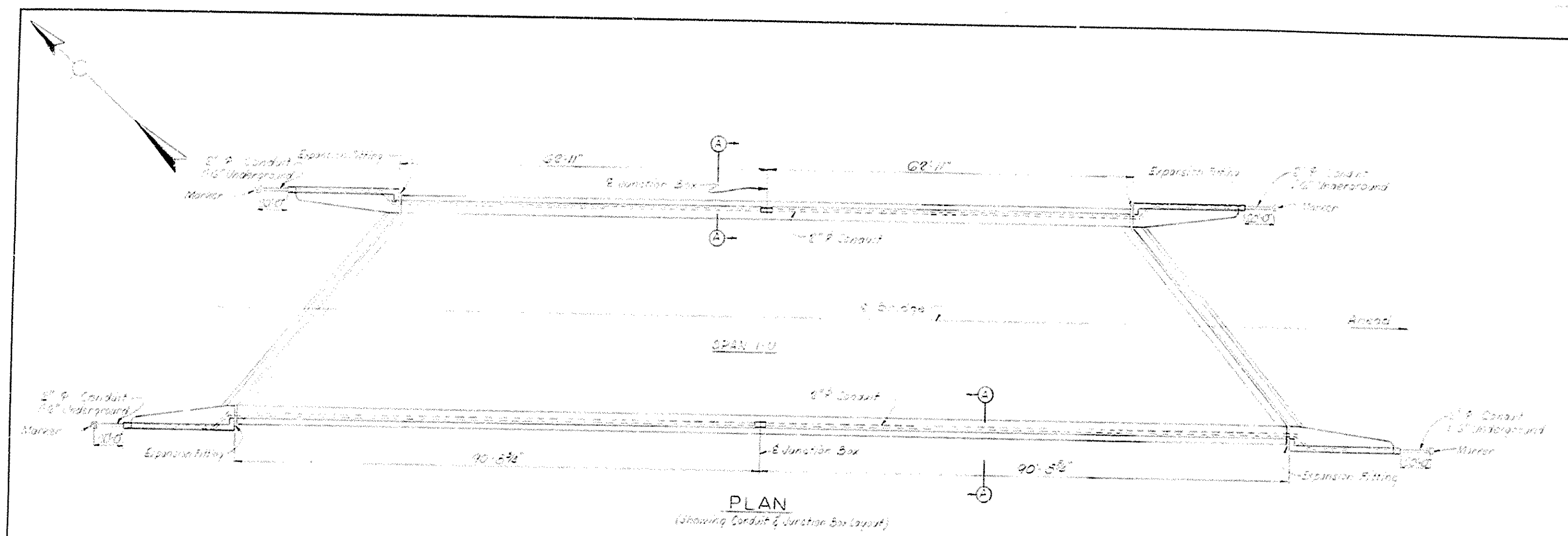
Stiffeners shall be held in full bearing tightly against bearing plates by proper welding throughout welding of stiffeners to bearing plates.



COMMONWEALTH OF KENTUCKY
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COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON
ROAD
STATION 281+595+13.56 Ramps 3&5, I-75
PROJECT NO. SP86-313-1L
BRIDGE NUMBER 10340
DRAWING INDEX

BRIDGE

[illegible]



BILL OF MATERIAL	
2" Rigid Galv. Conduit	480
3" x 5" x 1/2" Galv. Jct. Box	250
2" Rigid Conduit Connection	150
2" Rigid Galv. Cap	40
Expansion Fittings	4
(Crouse-Hinds No. 64) with G.C. 100 ground straps or equivalent type	

Notes:
 Markers shall consist of 4" x 4" x 36" reinforced concrete posts with 4 #4 deformed steel reinforcing rods per post, and a 2" brass disc cast in the end of the post inscribed "End of Dist." Markers to be 2" above grade with disc exposed.

ELECTRICAL CONDUIT UPPER BRIDGE

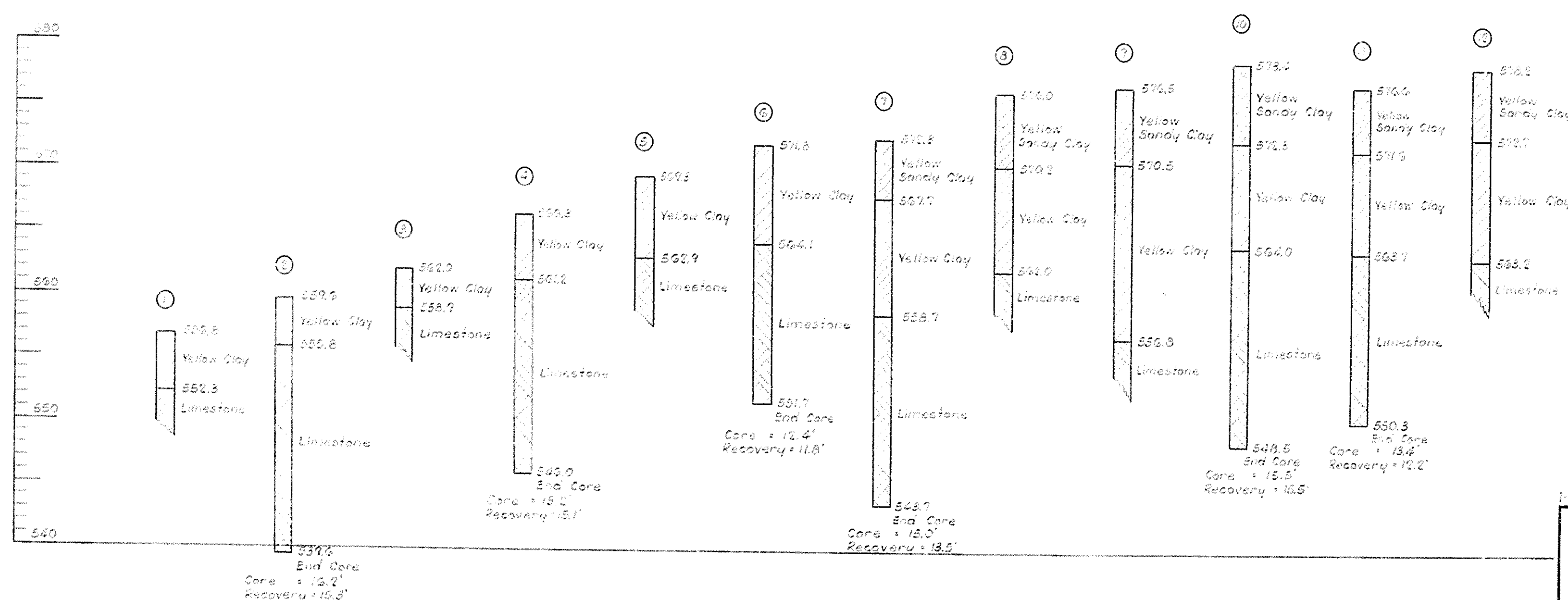
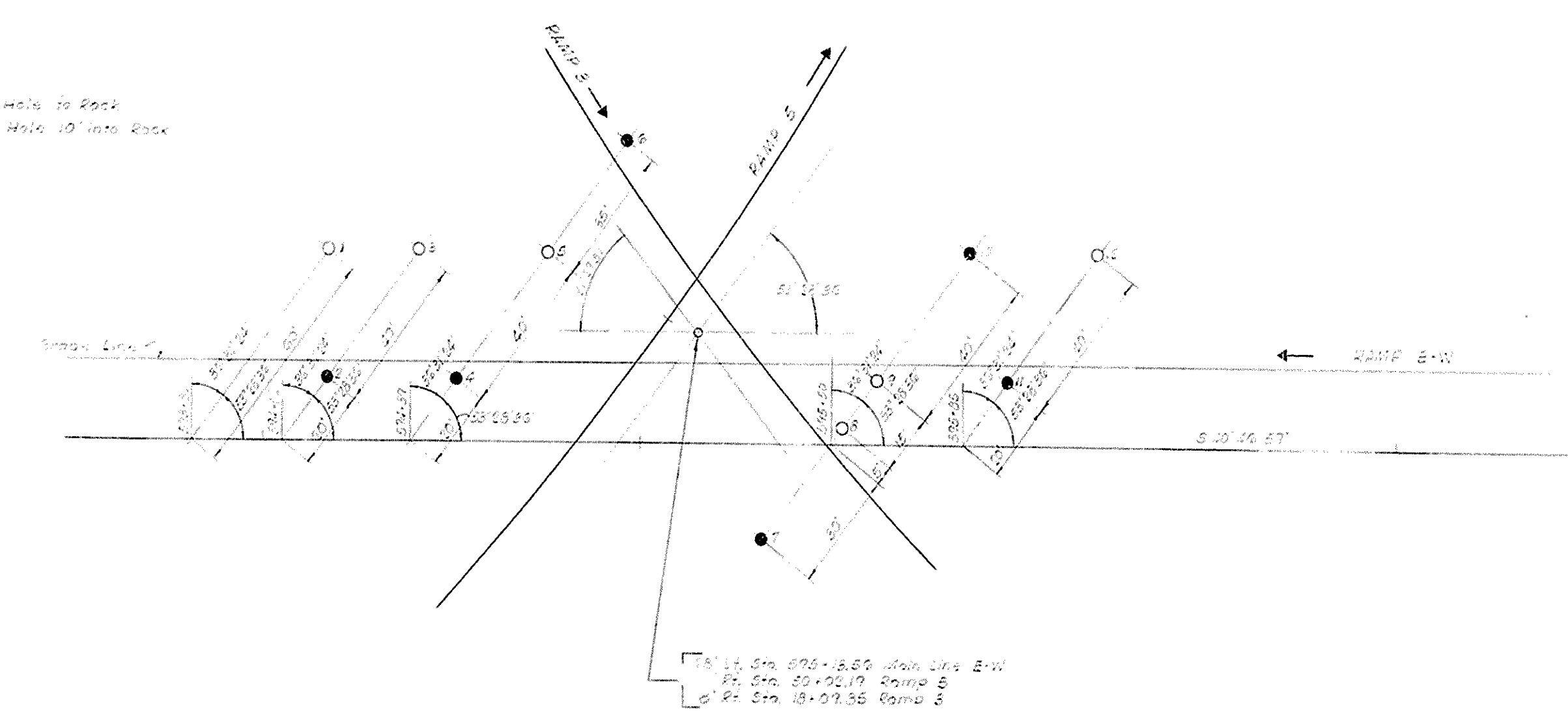
Ramp E-W, I-75 over Ramps 345, 173 Sheet 27

COMMONWEALTH OF KENTUCKY
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 STATION 201+50.00 (Ramp E-W) PROJECT NO. JES-37-12

BRIDGE NUMBER	DRAWING NO.	INDEX
	10346	

BRIDGE

○ Drilled Auger Hole to Rock
● Drilled Core Hole 10' into Rock



SOUNDINGS

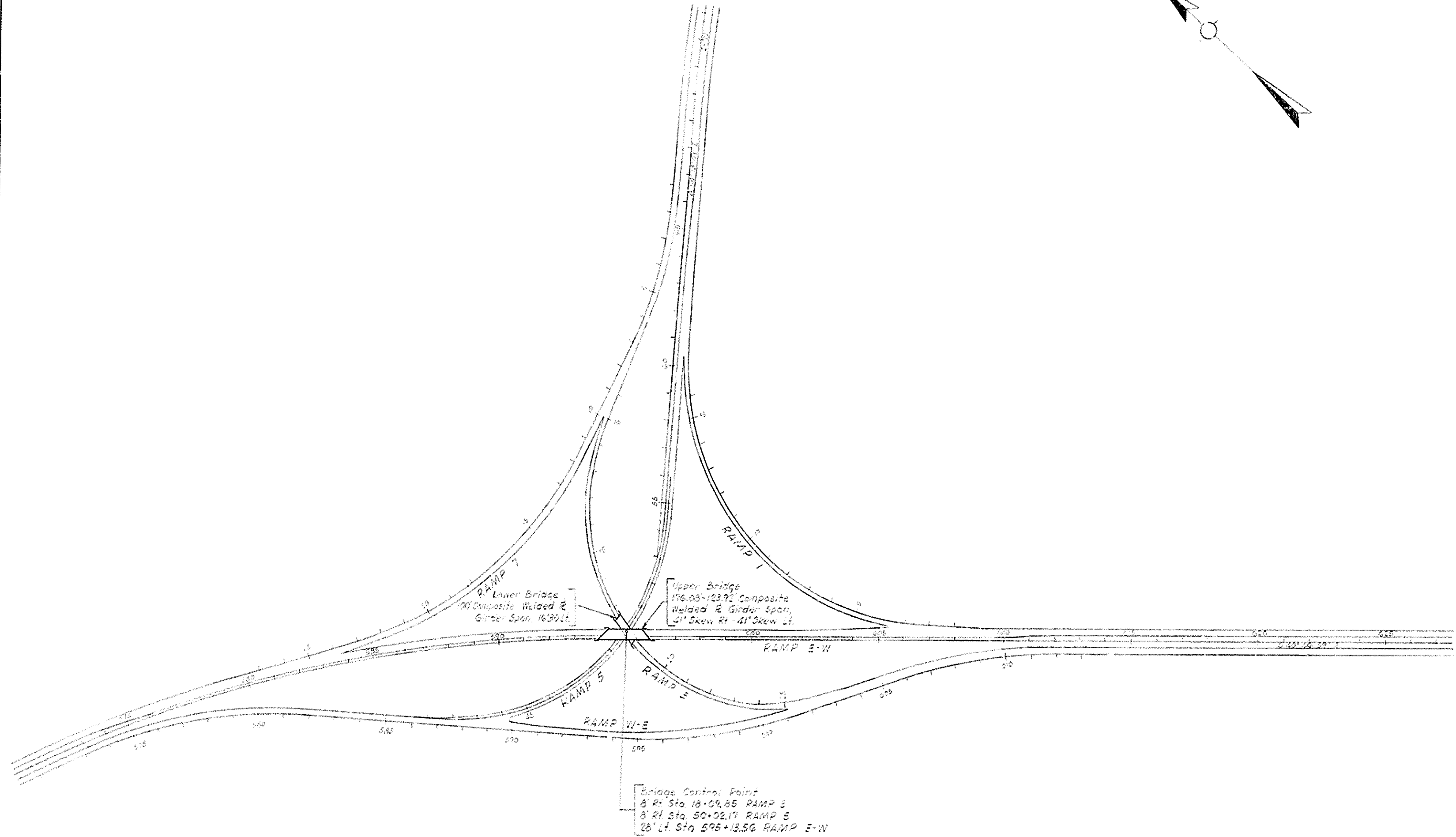
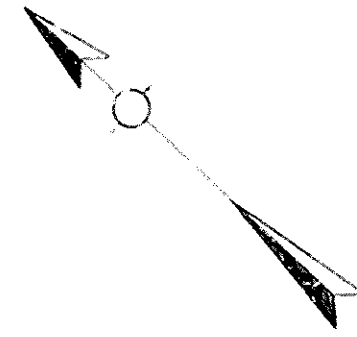
171 Tri-level Interchange Sheet 23

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
LOUISVILLE - COVINGTON
ROAD
STATION 28+11.50 (Ramp 3) PROJECT NO.
BRIDGE
NUMBER

DRAWING
 NO. 16502
 INDEX

BRIDGE

RD. ROAD DIST.	STATE	RD. A.D. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



DESIGNED BY	CHECKED BY	DATE	DESIGNED BY	CHECKED BY	DATE
NET					

Sheet 29

Tri level Interchange at Junction of I-76 & I-264

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 LOUISVILLE-COVINGTON
 ROAD

STATION 26+13.56 (Ramp W) PROJECT NO. SP 56-213-11

BRIDGE NUMBER 16346

DRAWING INDEX

BRIDGE