

KENTUCKY DEPARTMENT OF HIGHWAYS

PRESTON STREET OVER NORTH DITCH

JEFFERSON COUNTY

REV.	DATE	BY	CHKD.	DATE	BY	CHKD.
7						

1-17 Design Plans
18-28 Shop Plans

ITEM	SHEET NO.	REFERENCES AND ESTIMATE OF QUANTITIES																			
		CONCRETE CLASS "A"		REINFORCEMENT	STRUCTURAL STEEL	SHEAR CONNECTORS	PROTECTIVE COATING	METAL HANDRAIL		REMOVING EXISTING STRUCTURE	EXCAVATION										
		CU. YDS.	LBS.	LUMP SUM	LUMP SUM	SQ. YDS.	ALT. "A" ALUM. LTH. FT.	ALT. "B" GALV. STEEL LTH. FT.	LUMP SUM	COMMON	SOLID ROCK										
Title Sheet	1																				
Layout	2																				
General Note	3																				
SUBSTRUCTURE QUANTITIES																					
Abutment No. 1	4-5-6	171.1	19,650																	775	75
Abutment No. 2	7-8-9	150.8	18,780																	630	75
Soundings	10																				
Armored Edges	AEI & Sht. 18																				
SUBSTRUCTURE TOTAL		321.9	37,780																	1,405	150
SUPERSTRUCTURE QUANTITIES																					
Span-Steel Details	11-12	154.2	36,904																		
Construction Elevations	13																				
Span-Steel Details	14-15-16-17																				
Shear Connector Details	15																				
Shoes and Rockers	16																				
Expansion Dam	17																				
Armored Edge	18																				
Metal Handrail	H112 or H113																				
Prem. Cork Exp. Jt. Mat.																					
Polyvinyl Waterstop	6352																				
SUPERSTRUCTURE TOTAL		154.2	36,904																		
TOTAL FOR BRIDGE		476.1	74,684																	1,405	150
BILL OF INCIDENTAL MATERIAL																					
ITEM	NO.	SIZE AND DESCRIPTION																			
Prem. Cork Exp. Jt. Mat.	1	1" x 2" x 1' x 83' - 2"																			
Polyvinyl Waterstop	2	1" x 3/4" x 1' x 13'																			
Preformed Joint Sealer	1	81' - 00" Long - See Std. Dwg. 6352																			

- ① Approximate weight of structural steel 256,260 lbs.
- ② Shear connectors approximate weight
Option 1 - 4" Channels @5.64 5,187 lbs.
Option 2 - 3/4" x 4" Studs 2,657 lbs.
Option 3 - 3/4" x 4" mean diameter bar spiral 3,682 lbs.
- ③ Removing existing structure, see General Note, Sheet 3

REFERENCES

ANSI.6
G352
G353
AE 1
H112
H113

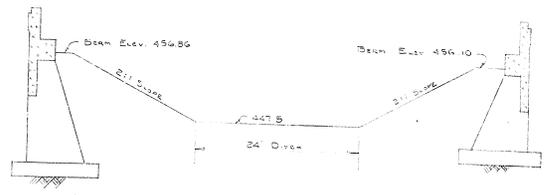
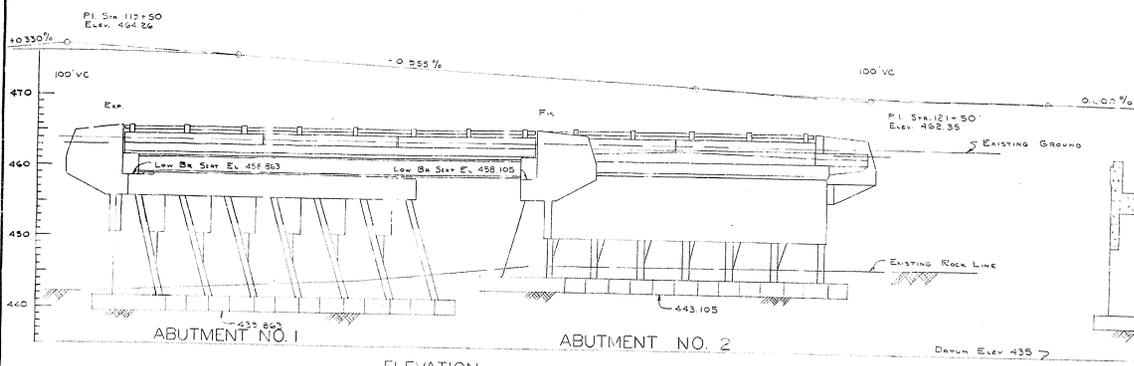
(THE SPECIAL PROVISION FOR "LINSEED OIL PROTECTIVE COATING" APPROVED 4-14-64)
(THE SPECIAL PROVISION FOR "JOINT SEALER COMPOUND" APPROVED 4-27-62)
(THE SPECIAL PROVISION FOR "PREFORMED JOINT SEALER" APPROVED 2-11-64)

BRIDGE OVER NORTH DITCH SHEET 1 OF 17

COMMONWEALTH OF KENTUCKY	
DEPARTMENT OF HIGHWAYS	
FRANKFORT	
COUNTY OF	
JEFFERSON	
PRESTON STREET	
ROAD	
STATION 120+50.926	PROJECT NO.
BRIDGE NUMBER	DESIGNED BY
	NO. 16050

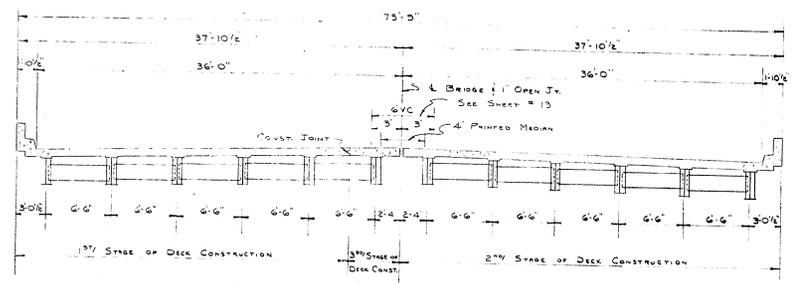
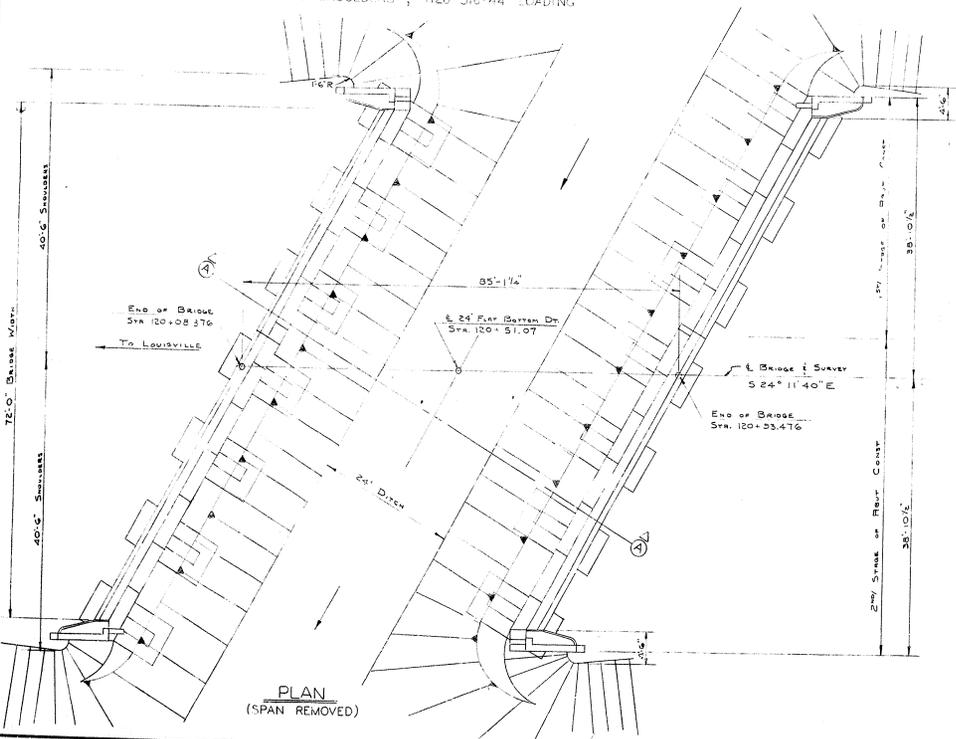
PREPARED BY: [Name] CHECKED BY: [Name] DATE: [Date]
 DESIGNED BY: [Name] CHECKED BY: [Name] DATE: [Date]

NO.	DATE	BY	CHK'D BY	SCALE	SHEET NO.	TOTAL SHEETS
7	KY.					



ELEVATION
 ONE 80'-0" SIMPLE WIDE FLANGE STEEL BEAM SPAN (COMP.) 30° SKEW RT.
 12" SAFETY CURBS, 72'-0" ROADWAY, 2:1 FILL SLOPES
 8'-0" SHOULDERS, H20-S16-44 LOADING

SECTION A-A



TYPICAL SECTION
 (SHOWING INTERM. DIAPHRAGMS) (SHOWING END DIAPHRAGMS)



LAYOUT

BRIDGE OVER NORTH DITCH SHEET 2

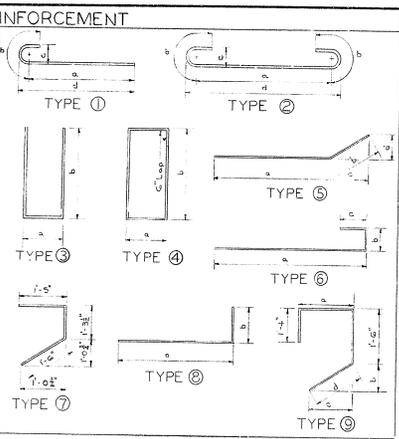
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 PRESTON STREET

ROAD

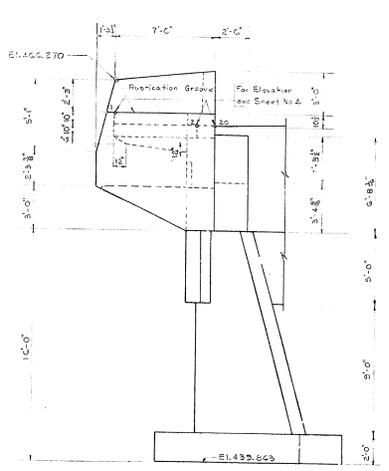
STATION 120 + 50.926 PROJECT NO.

BRIDGE NUMBER RECORDING NO. 16050 DATE

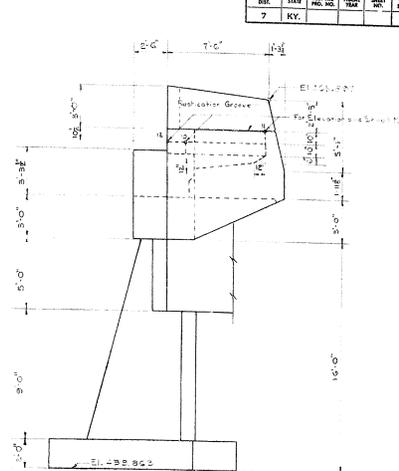
NO.	QTY.	LENGTH FT. IN.	LOCATION	BILL OF REINFORCEMENT			
				FT. IN.	FT. IN.	FT. IN.	FT. IN.
A1	10	140 5 12 6	Footings	11	8	0	10
A2	10	140 5 12 6	"	0	5	11	10 6
A3	57	21 6 5 2	"	1	6	3	8
A4	4	42 3 8 10	"	5	7	0	10
A5	3	85 5 0 2	"	1	1	10	3
A6	1	19 4	Column Hoops	0	1	6	5
A7	1	11 3	"	1	1	7	2 1/2
A8	1	11 3	"	1	1	7	2 1/2
A9	1	11 3	"	1	1	7	2 1/2
A10	1	11 3	"	1	1	7	2 1/2
A11	1	11 3	"	1	1	7	2 1/2
A12	1	11 3	"	1	1	7	2 1/2
A13	1	11 3	"	1	1	7	2 1/2
A14	1	11 3	"	1	1	7	2 1/2
A15	1	11 3	"	1	1	7	2 1/2
A16	1	11 3	"	1	1	7	2 1/2
A17	1	11 3	"	1	1	7	2 1/2
A18	1	11 3	"	1	1	7	2 1/2
A19	1	11 3	"	1	1	7	2 1/2
A20	1	11 3	"	1	1	7	2 1/2
A21	1	11 3	"	1	1	7	2 1/2
A22	1	11 3	"	1	1	7	2 1/2
A23	1	11 3	"	1	1	7	2 1/2
A24	1	11 3	"	1	1	7	2 1/2
A25	1	11 3	"	1	1	7	2 1/2
A26	1	11 3	"	1	1	7	2 1/2
A27	1	11 3	"	1	1	7	2 1/2
A28	1	11 3	"	1	1	7	2 1/2
A29	1	11 3	"	1	1	7	2 1/2
A30	1	11 3	"	1	1	7	2 1/2
A31	1	11 3	"	1	1	7	2 1/2
A32	1	11 3	"	1	1	7	2 1/2
A33	1	11 3	"	1	1	7	2 1/2
A34	1	11 3	"	1	1	7	2 1/2
A35	1	11 3	"	1	1	7	2 1/2
A36	1	11 3	"	1	1	7	2 1/2
A37	1	11 3	"	1	1	7	2 1/2
A38	1	11 3	"	1	1	7	2 1/2
A39	1	11 3	"	1	1	7	2 1/2
A40	1	11 3	"	1	1	7	2 1/2
A41	1	11 3	"	1	1	7	2 1/2
A42	1	11 3	"	1	1	7	2 1/2
A43	1	11 3	"	1	1	7	2 1/2
A44	1	11 3	"	1	1	7	2 1/2
A45	1	11 3	"	1	1	7	2 1/2
A46	1	11 3	"	1	1	7	2 1/2
A47	1	11 3	"	1	1	7	2 1/2
A48	1	11 3	"	1	1	7	2 1/2
A49	1	11 3	"	1	1	7	2 1/2
A50	1	11 3	"	1	1	7	2 1/2
A51	1	11 3	"	1	1	7	2 1/2
A52	1	11 3	"	1	1	7	2 1/2
A53	1	11 3	"	1	1	7	2 1/2
A54	1	11 3	"	1	1	7	2 1/2
A55	1	11 3	"	1	1	7	2 1/2
A56	1	11 3	"	1	1	7	2 1/2
A57	1	11 3	"	1	1	7	2 1/2
A58	1	11 3	"	1	1	7	2 1/2
A59	1	11 3	"	1	1	7	2 1/2
A60	1	11 3	"	1	1	7	2 1/2
A61	1	11 3	"	1	1	7	2 1/2
A62	1	11 3	"	1	1	7	2 1/2
A63	1	11 3	"	1	1	7	2 1/2
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A66	1	11 3	"	1	1	7	2 1/2
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A71	1	11 3	"	1	1	7	2 1/2
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A73	1	11 3	"	1	1	7	2 1/2
A74	1	11 3	"	1	1	7	2 1/2
A75	1	11 3	"	1	1	7	2 1/2
A76	1	11 3	"	1	1	7	2 1/2
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A90	1	11 3	"	1	1	7	2 1/2
A91	1	11 3	"	1	1	7	2 1/2
A92	1	11 3	"	1	1	7	2 1/2
A93	1	11 3	"	1	1	7	2 1/2
A94	1	11 3	"	1	1	7	2 1/2
A95	1	11 3	"	1	1	7	2 1/2
A96	1	11 3	"	1	1	7	2 1/2
A97	1	11 3	"	1	1	7	2 1/2
A98	1	11 3	"	1	1	7	2 1/2
A99	1	11 3	"	1	1	7	2 1/2
A100	1	11 3	"	1	1	7	2 1/2



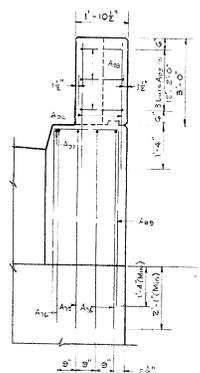
ESTIMATE OF QUANTITIES
 CONCRETE CLASS A 171.1 CU.YDS.
 REINFORCEMENT 19630 LBS



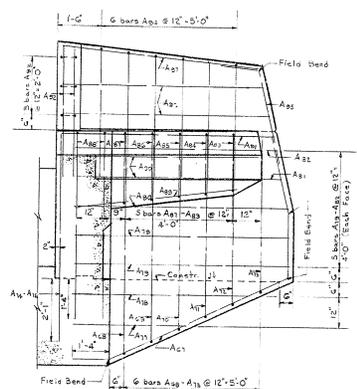
ELEVATION F-F
(Showing Dimensions)



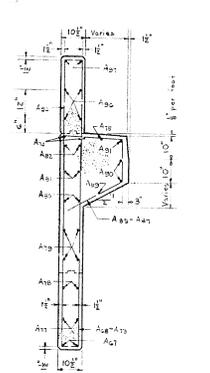
ELEVATION C-C
(Showing Dimensions)



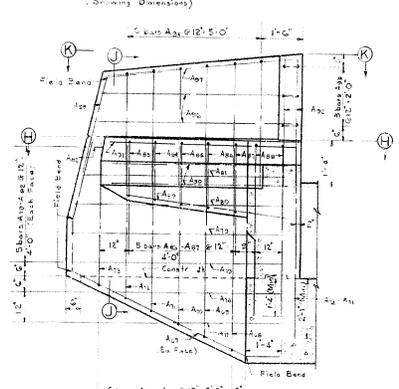
ELEVATION G-G
(Showing reinforcement with stirrups removed)



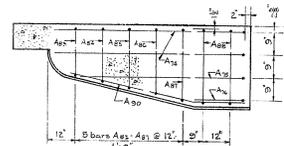
ELEVATION E-E
(Showing location of reinforcement)



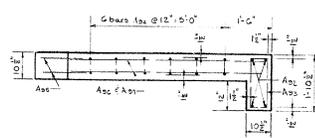
SECTION J-J
(Typical for both Wings)



ELEVATION D-D
(Showing location of reinforcement)



SECTION H-H
(Showing reinforcement in Safety Curb)
(Typical for Curbs)



PLAN K-K
(Typical for both Wings)



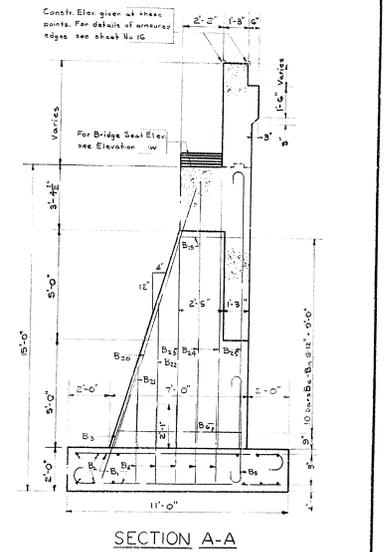
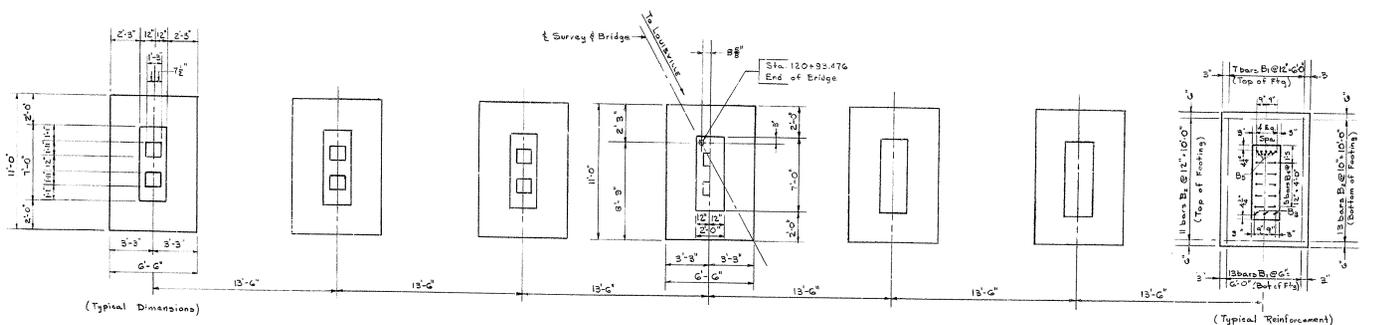
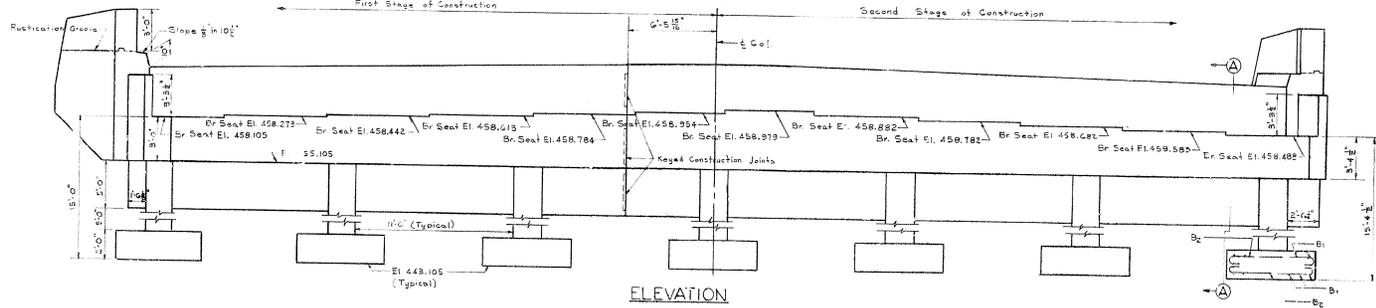
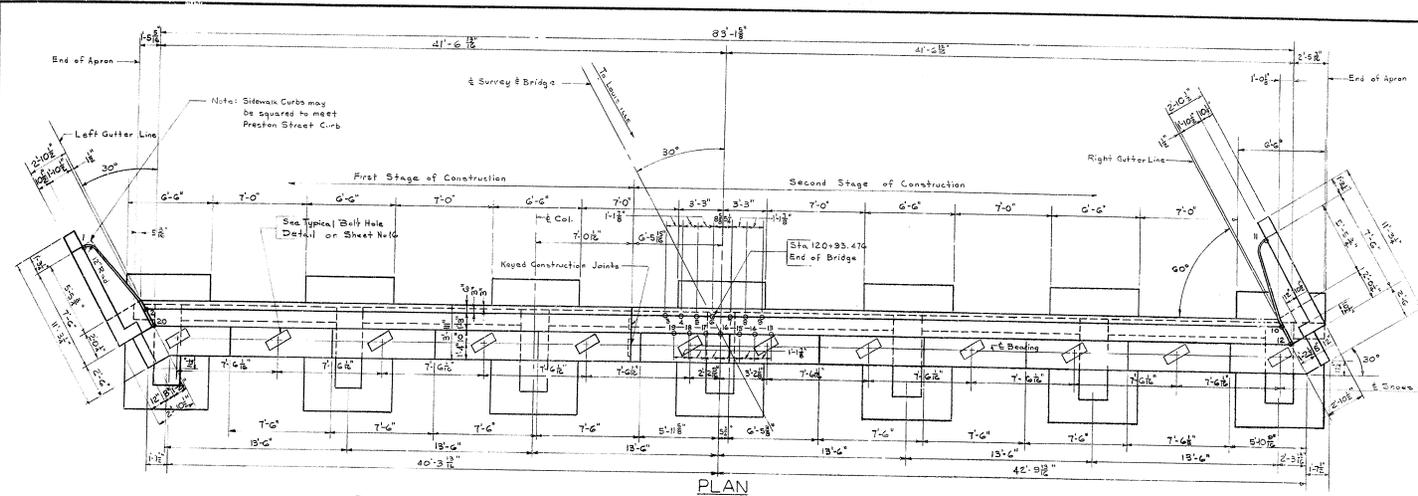
**RUSTICATION
DETAIL**

ABUTMENT NO. 1

BRIDGE OVER NORTH DITCH SHEET 6
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 PRESTON STREET
 ROAD
 STATION 120+50.926 PROJECT NO.
 BRIDGE NUMBER DRAWING 16050 INDEX

REV	DATE	BY	CHK	APP	REASON
7	KY.				

TABLE OF CONSTRUCTION ELEVATIONS		
NUMBER	ELEVATION	LOCATION
1	462.737	Top of Curb @ End of Wing
2	461.981	Gutter Line back face of abutment
3	462.811	Back face of Parapet Wall
4	462.834	" " " " " "
5	462.850	" " " " " "
6	462.858	" " " " " "
7	462.861	" " " " " "
8	462.856	" " " " " "
9	462.844	" " " " " "
10	462.338	Gutter Line back face of abutment
11	463.114	Top of Curb @ End of Wing
12	462.352	Gutter Line front face of abutment
13	462.858	Front face of Parapet Wall
14	462.869	" " " " " "
15	462.874	" " " " " "
16	462.872	" " " " " "
17	462.865	" " " " " "
18	462.847	" " " " " "
19	462.823	" " " " " "
20	461.963	Gutter Line front face of abutment



BRIDGE OVER NORTH DITCH SHEET 7

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 PRESTON STREET
 ROAD

STATION 120+50.926 PROJECT NO. _____
 BRIDGE NUMBER _____ DRAWING NO. 16050
 SHEET NO. _____

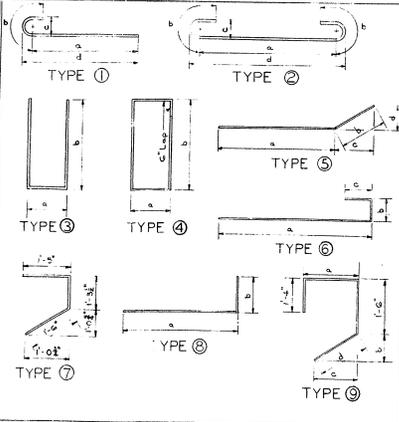
DESIGNED BY: J. J. ...
 CHECKED BY: ...
 DATE: ...

ABUTMENT NO.2

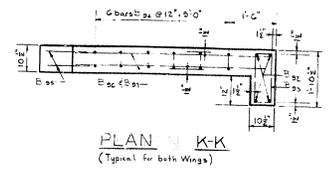
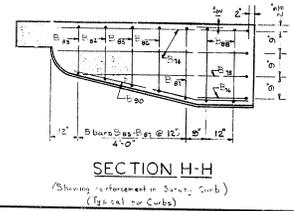
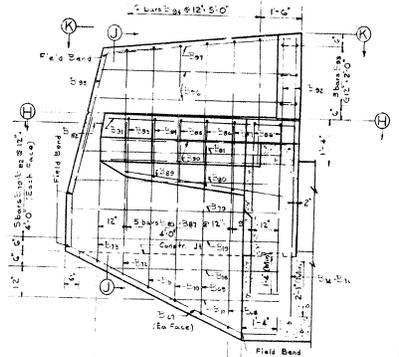
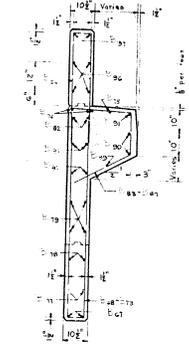
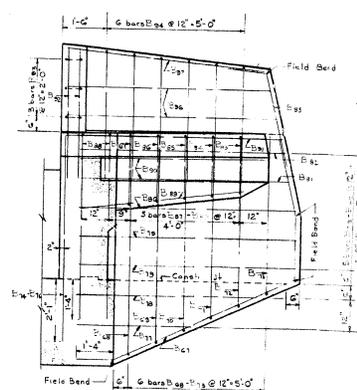
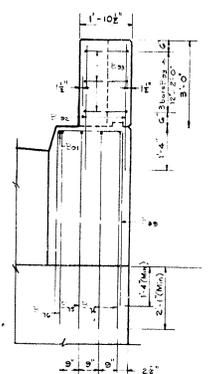
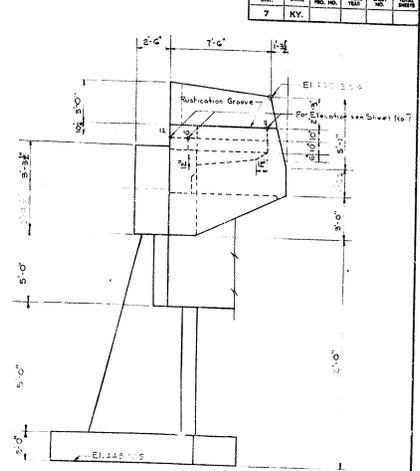
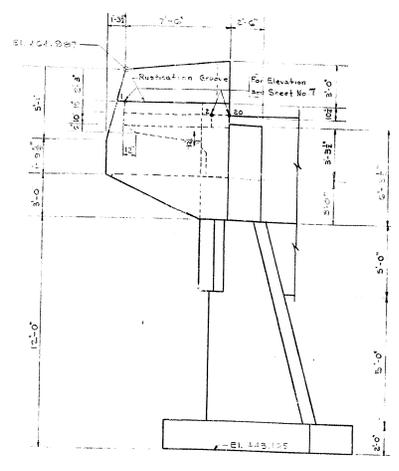
DRAWN BY: STANLEY J. BIRNBAUM, CIVIL ENGINEER
 CHECKED BY: JAMES H. HARRIS, CIVIL ENGINEER
 DATE: 1/15/50
 PROJECT NO. 16050
 SHEET NO. 7

LINE NO.	STATION	LENGTH FT. IN.	LOCATION			
			FT. IN.	FT. IN.	FT. IN.	FT. IN.
1	100+00	10				
2	100+10	10				
3	100+20	10				
4	100+30	10				
5	100+40	10				
6	100+50	10				
7	100+60	10				
8	100+70	10				
9	100+80	10				
10	100+90	10				
11	101+00	10				
12	101+10	10				
13	101+20	10				
14	101+30	10				
15	101+40	10				
16	101+50	10				
17	101+60	10				
18	101+70	10				
19	101+80	10				
20	101+90	10				
21	102+00	10				
22	102+10	10				
23	102+20	10				
24	102+30	10				
25	102+40	10				
26	102+50	10				
27	102+60	10				
28	102+70	10				
29	102+80	10				
30	102+90	10				
31	103+00	10				
32	103+10	10				
33	103+20	10				
34	103+30	10				
35	103+40	10				
36	103+50	10				
37	103+60	10				
38	103+70	10				
39	103+80	10				
40	103+90	10				
41	104+00	10				
42	104+10	10				
43	104+20	10				
44	104+30	10				
45	104+40	10				
46	104+50	10				
47	104+60	10				
48	104+70	10				
49	104+80	10				
50	104+90	10				
51	105+00	10				
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56	105+50	10				
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66	106+50	10				
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71	107+00	10				
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76	107+50	10				
77	107+60	10				
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79	107+80	10				
80	107+90	10				
81	108+00	10				
82	108+10	10				
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85	108+40	10				
86	108+50	10				
87	108+60	10				
88	108+70	10				
89	108+80	10				
90	108+90	10				
91	109+00	10				
92	109+10	10				
93	109+20	10				
94	109+30	10				
95	109+40	10				
96	109+50	10				
97	109+60	10				
98	109+70	10				
99	109+80	10				
100	109+90	10				

BILL OF REINFORCEMENT



ESTIMATE OF QUANTITIES
 CONCRETE CLASS A 150.8 CU. YDS.
 REINFORCEMENT 17936 LBS.

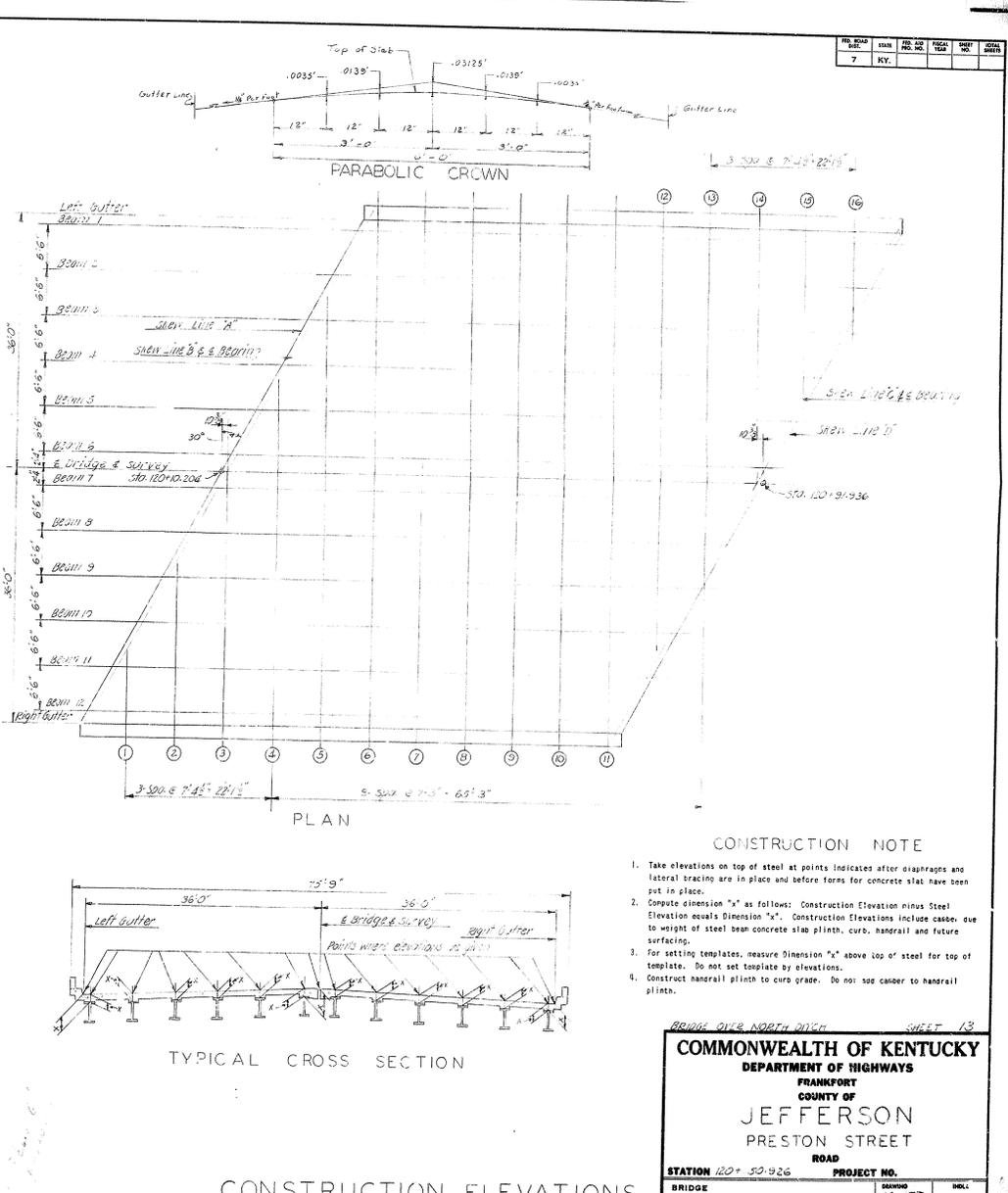


ABUTMENT NO. 2

BRIDGE OVER NORTH DITCH SHEET 7
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 PRESTON STREET
 ROAD
 STATION 120+50.926 PROJECT NO.
 BRIDGE NUMBER 16050

DESIGNED BY: *George H. ...* CHECKED BY: *...*
 DATE: _____ DATE: _____
 DRAWN BY: *...* REVISED BY: _____
 SCALE: _____

LOCATION	LEFT GUTTER		BEAM NO. 1		BEAM NO. 2		BEAM NO. 3		BEAM NO. 4		BEAM NO. 5		BEAM NO. 6		BRIDGE SURVEY	
	CONSTR. ELEV.	STEEL ELEV.														
SKEN LN A TOP	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737	462.737
SKEN LN B TOP	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739	462.739
SKEN LN C TOP	461.971	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001	462.001
SKEN LN D TOP	461.994	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161	462.161
GRID LN 03 TOP																
GRID LN 04 TOP																
GRID LN 05 TOP																
GRID LN 06 TOP																
GRID LN 07 TOP																
GRID LN 08 TOP																
GRID LN 09 TOP																
GRID LN 10 TOP																
GRID LN 11 TOP																
GRID LN 12 TOP																
GRID LN 13 TOP																
GRID LN 14 TOP																
GRID LN 15 TOP																
GRID LN 16 TOP																
GRID LN 17 TOP																
GRID LN 18 TOP																
GRID LN 19 TOP																



BRIDGE OVER NORTH RIVER SHEET 13

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 PRESTON STREET
 ROAD

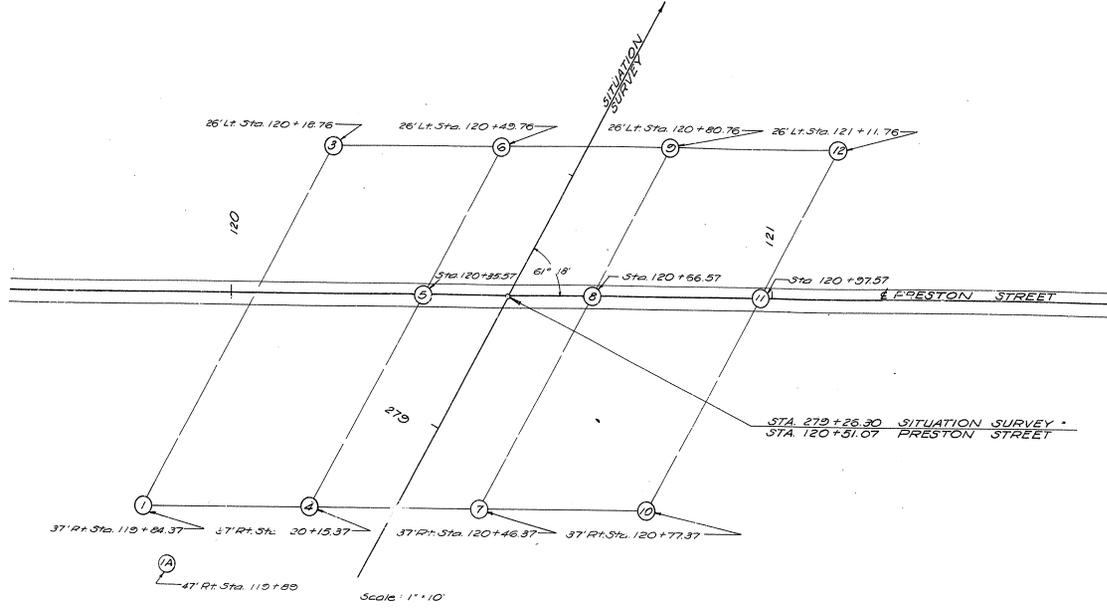
STATION 120+30.926 PROJECT NO. _____
 BRIDGE NUMBER _____ DRAWING NO. 16050

CONSTRUCTION ELEVATIONS

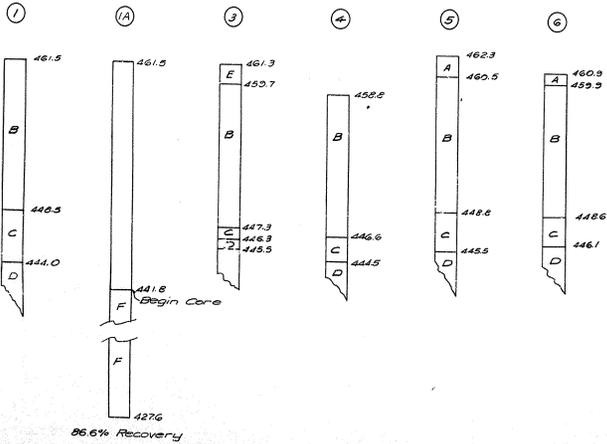
SOUNDING

LAYOUT

JEFFERSON CO. 5476 (12)		
REVISION	SHEET	TOTALS
11		



Core Hole

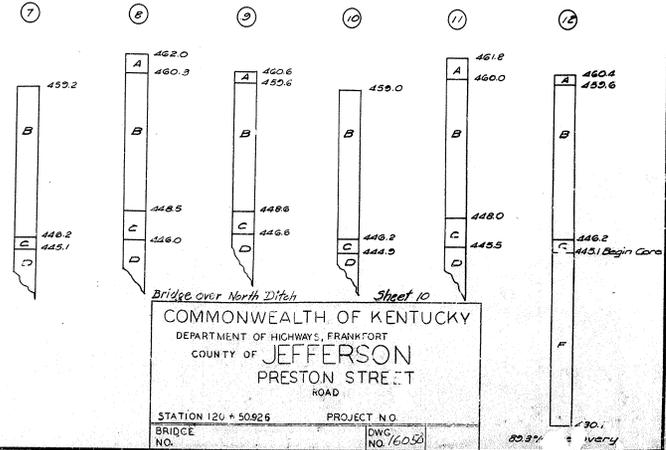


LEGEND

- A - Fill Sand & Gravel
- B - Yellow Sandy Clay
- C - Blue Clay
- D - Clay Shale
- E - Yellow Sandy Clay & Gravel
- F - Black Shale

Vertical Scale: 1" = 5'

Core Hole



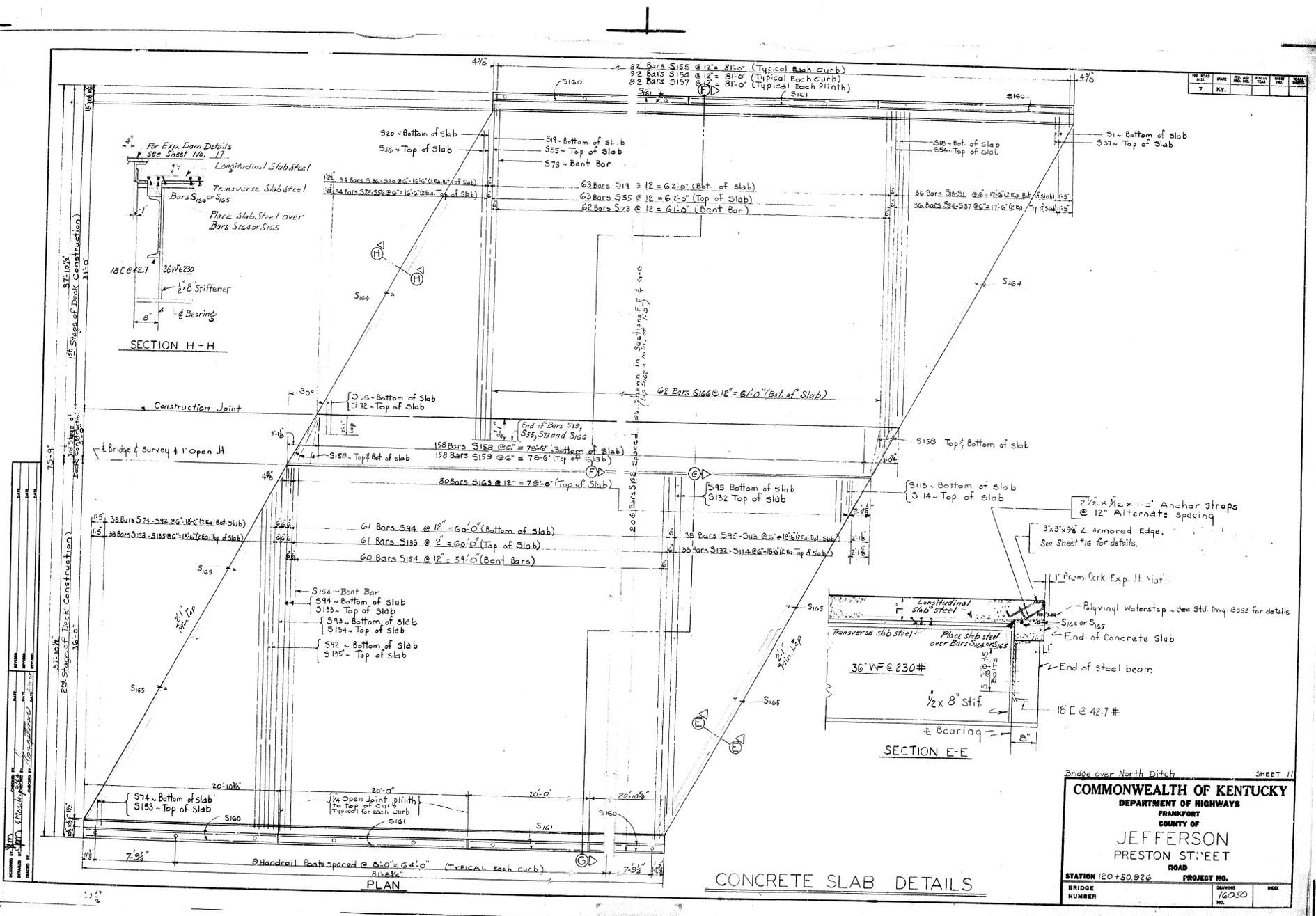
Bridge over North Ditch

Sheet 10

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS, FRANKFORT
 COUNTY OF JEFFERSON
 PRESTON STREET
 ROAD

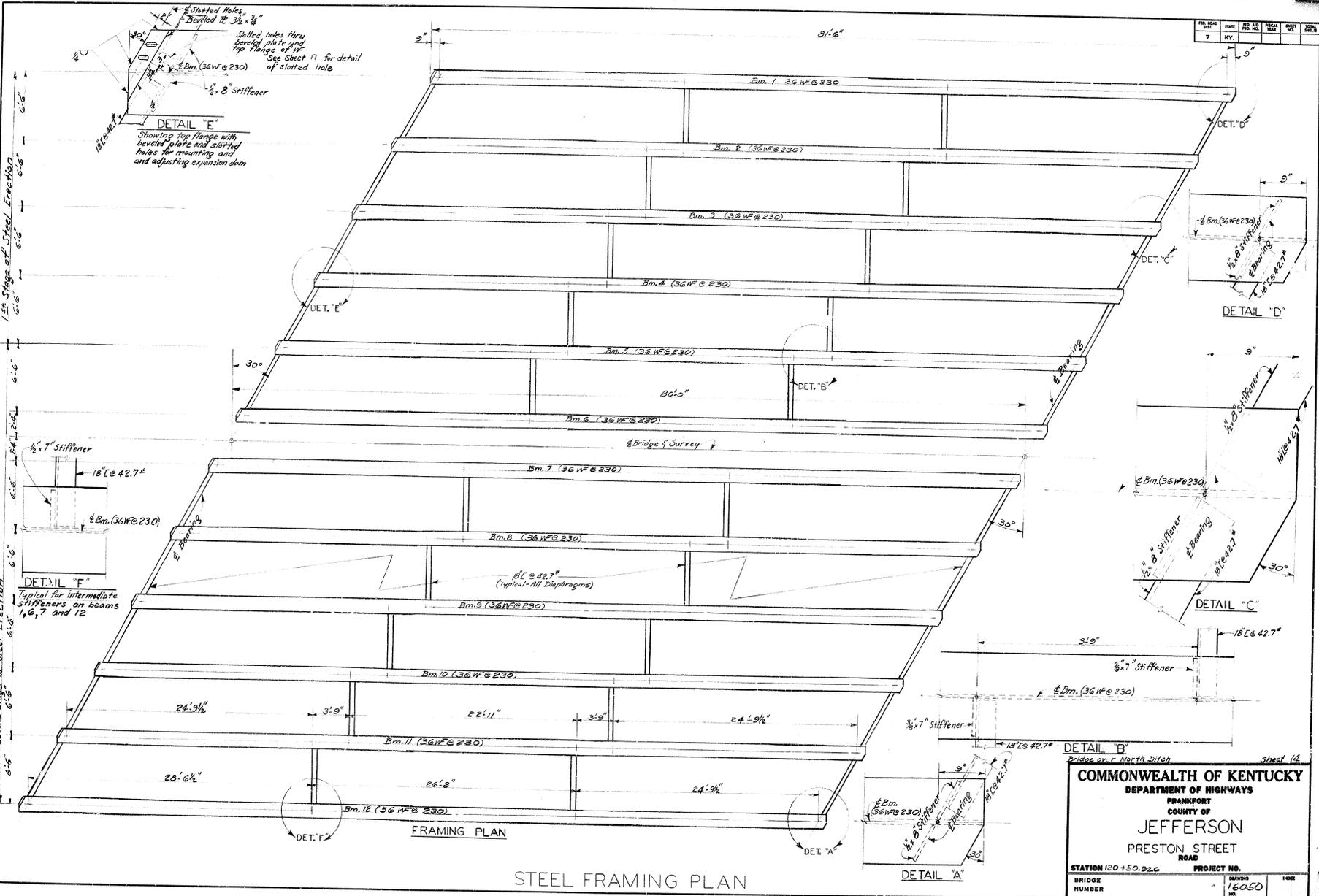
STATION 120 + 50.26 PROJECT NO.
 BRIDGE NO. DWG. NO. 6090

NO.	DATE	BY	CHK'D	APP'D	REVISION
7	KY.				



NO.	DATE	BY	CHK'D	APP'D	REVISION
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REV.	DATE	BY	CHK.	DESCRIPTION
7	KY.			

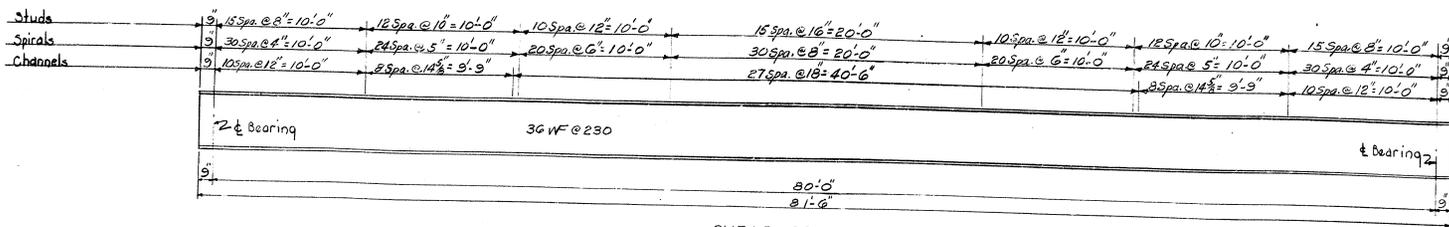


COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF JEFFERSON
 PRESTON STREET
 ROAD

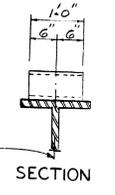
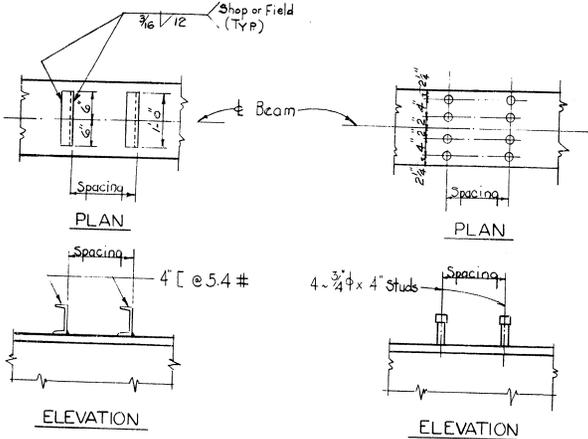
STATION 120+50.926 PROJECT NO.
 BRIDGE NUMBER 16050 DRAWING NO. 16050 INDEX

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 DRAWN BY: [Signature]
 DATE: [Date]

DATE	BY	CHECKED	APPROVED
7	KY.		

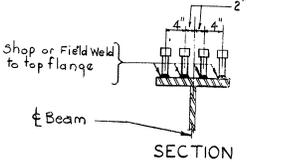


SHEAR CONNECTORS



(OPTION 1)

ESTIMATED WEIGHT 4147 LBS

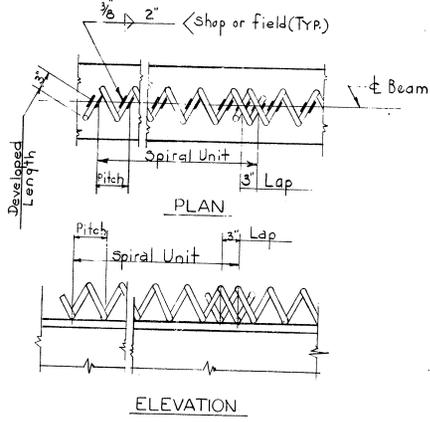


(OPTION 2)

ESTIMATED WEIGHT 2657 LBS

SHEAR CONNECTOR DETAILS

weights shown are for the entire bridge



(OPTION 3)

ESTIMATED WEIGHT 3682 LBS

SHEAR CONNECTOR DETAILS

TOTAL ESTIMATE OF STRUCTURAL STEEL

Structural Steel	243277 Lbs.
Expansion Dam	8939 Lbs.
Fixed & Exp. Shoes	4024 Lbs.
* TOTAL	256240 Lbs.

* Does not include shear connectors or weld material.

BRIDGE OVER NORTH DITCH SHEET 1/5

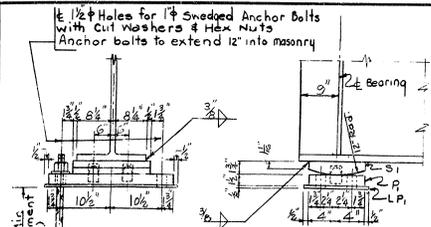
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 PRESTON STREET
 ROAD

STATION 120+50.926 PROJECT NO. _____

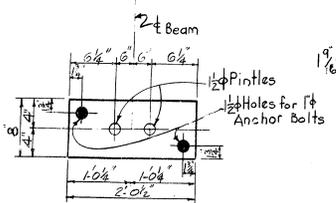
BRIDGE NUMBER 16R 50

REV.	DATE	BY	CHK	APP
7	KY.			

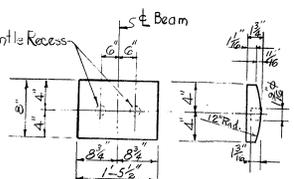
WELDED FINISH OF STEEL - SPECIFICATIONS	
Steel Slabs	A.S.A. 2000
Heavy Plates in contact in shoes to be welded	A.S.A. 1000
Milled Ends of Compression Members, Stiffeners & Fillets	A.S.A. 500
Bridge Rollers & Rockers	A.S.A. 250
Pins & Pin Holes	A.S.A. 125
A.S.T.M. Specifications	
Structural steel A5e Current Specifications	
Steel Pins A105 Current Spec. (Grade 1016 to 1030 In.)	
Sheet Lead & Lead for Anchor Jowel Holes 829 Current Spec.	
Pintles A5e or A105 Current Spec. (Grade 1016 to 1030 In.)	



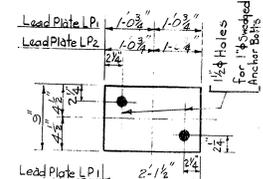
FIXED END SHOE



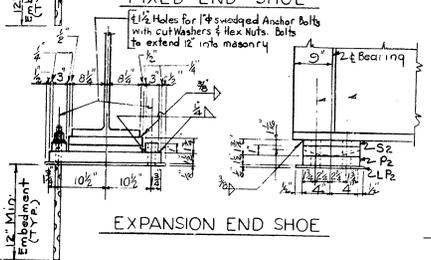
PLAN-MASONRY PLATE P1



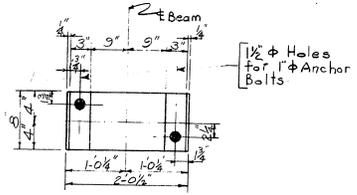
SOLE PLATE S1



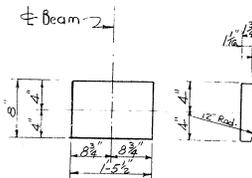
LEAD PLATES LPI OR LP2



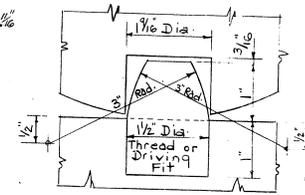
EXPANSION END SHOE



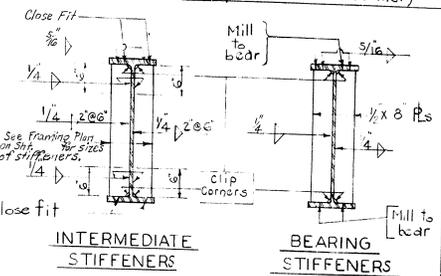
PLAN MASONRY PLATE P2



SOLE PLATE S2

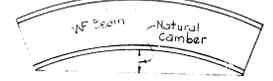


DETAIL OF PINTLE AND RECESS

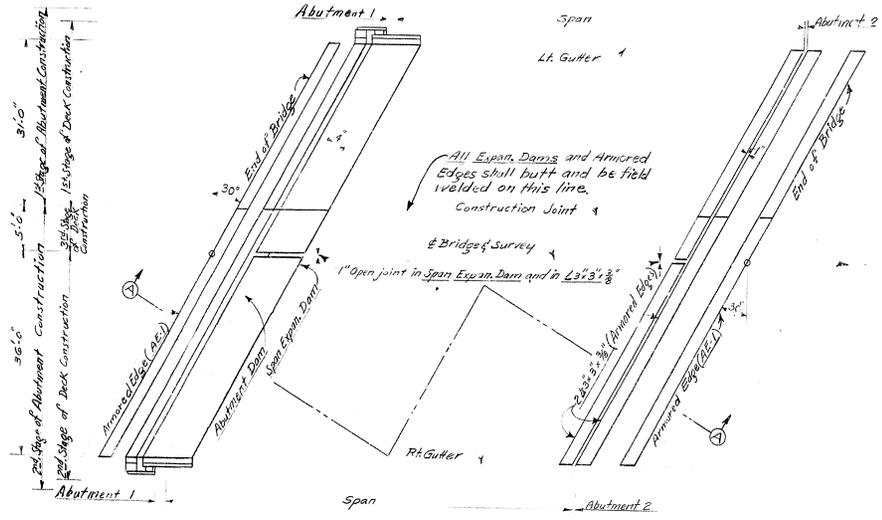


INTERMEDIATE STIFFENERS

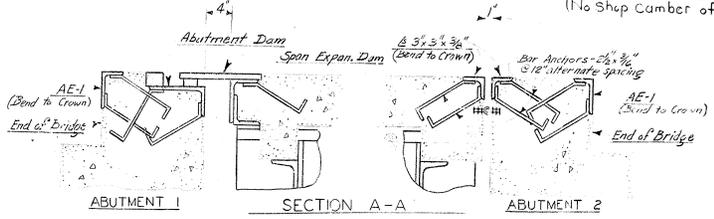
BEARING STIFFENERS



(Minimum camber of beam up)
(No shape camber of beams required)



BRIDGE PLAN
Showing Expansion Dams & Armor Edges



ESTIMATE OF QUANTITIES

EXP. SHOE ASSEMBLY	FIXED SHOE ASSEMBLY
*Structural Steel 175 Lbs.	*Structural Steel 162 Lbs.
*Weights shown include all component parts in one assembly in place, but does not include wets & oil.	

Bridge over North Ditch

Sheet 16

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
PRESTON STREET
ROAD

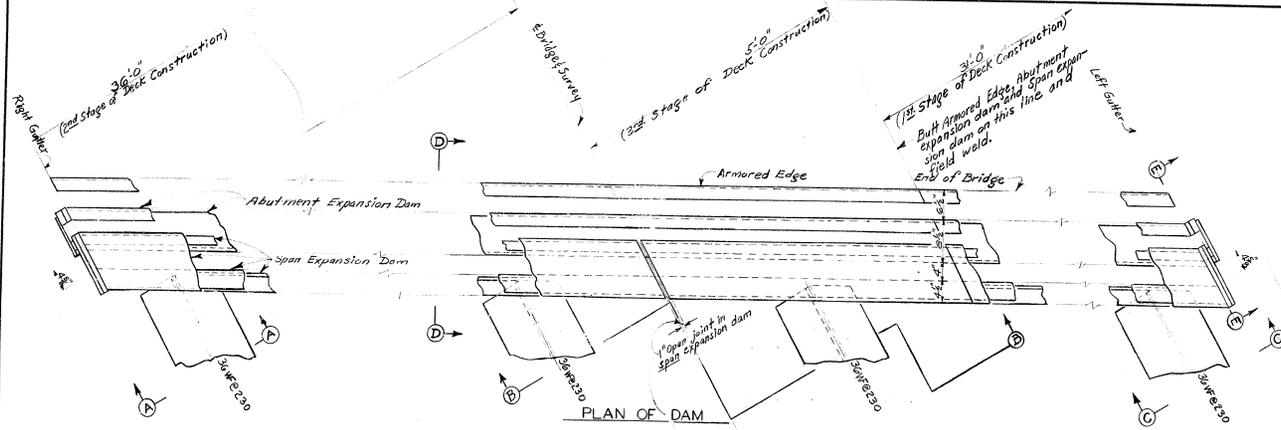
STATION 120+50.966 PROJECT NO. 16050

BRIDGE NUMBER 16050

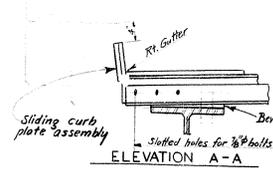
SHOES AND SPAN DETAILS

8-476 (12)

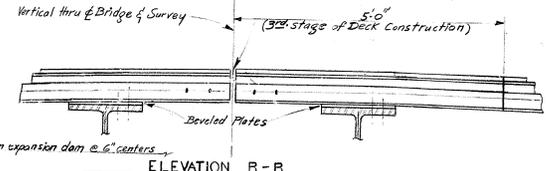
DATE	BY	CHECKED	DATE
7	KV.		



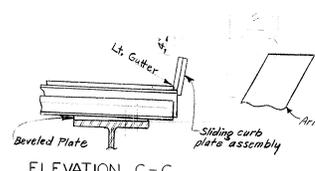
PLAN OF DAM



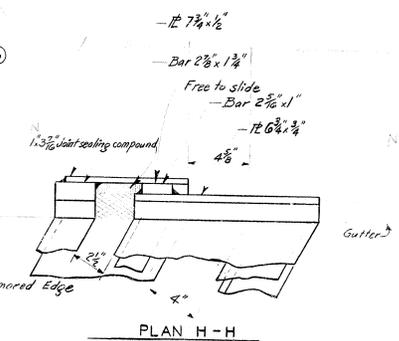
ELEVATION A-A



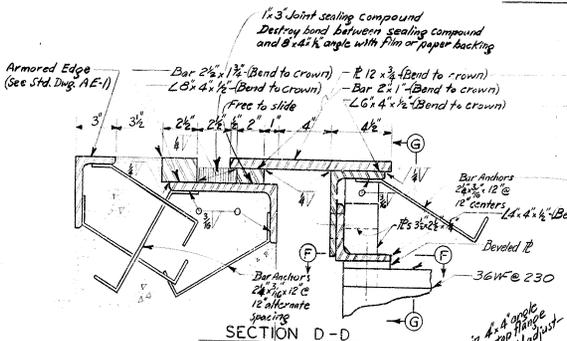
ELEVATION B-B



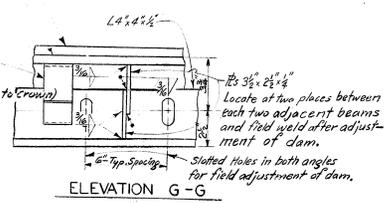
ELEVATION C-C



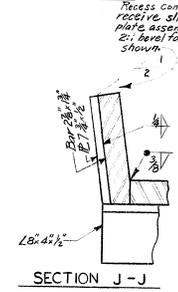
PLAN H-H



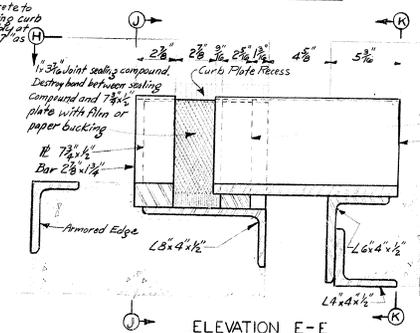
SECTION D-D



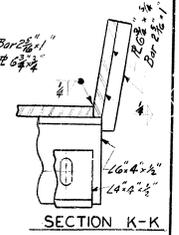
ELEVATION G-G



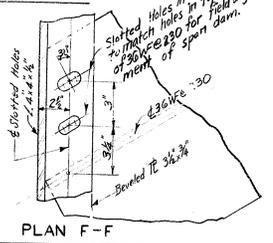
SECTION J-J



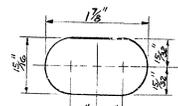
ELEVATION E-E



SECTION K-K



PLAN F-F



SLOTTED HOLE DETAIL
For field adjustment of expansion dam. Typical for all slotted holes

ESTIMATE OF QUANTITIES
 0 Exp. Dam Assemblies 5939 Lbs.
 0 Does not include weld material or Armored Edge Assembly.

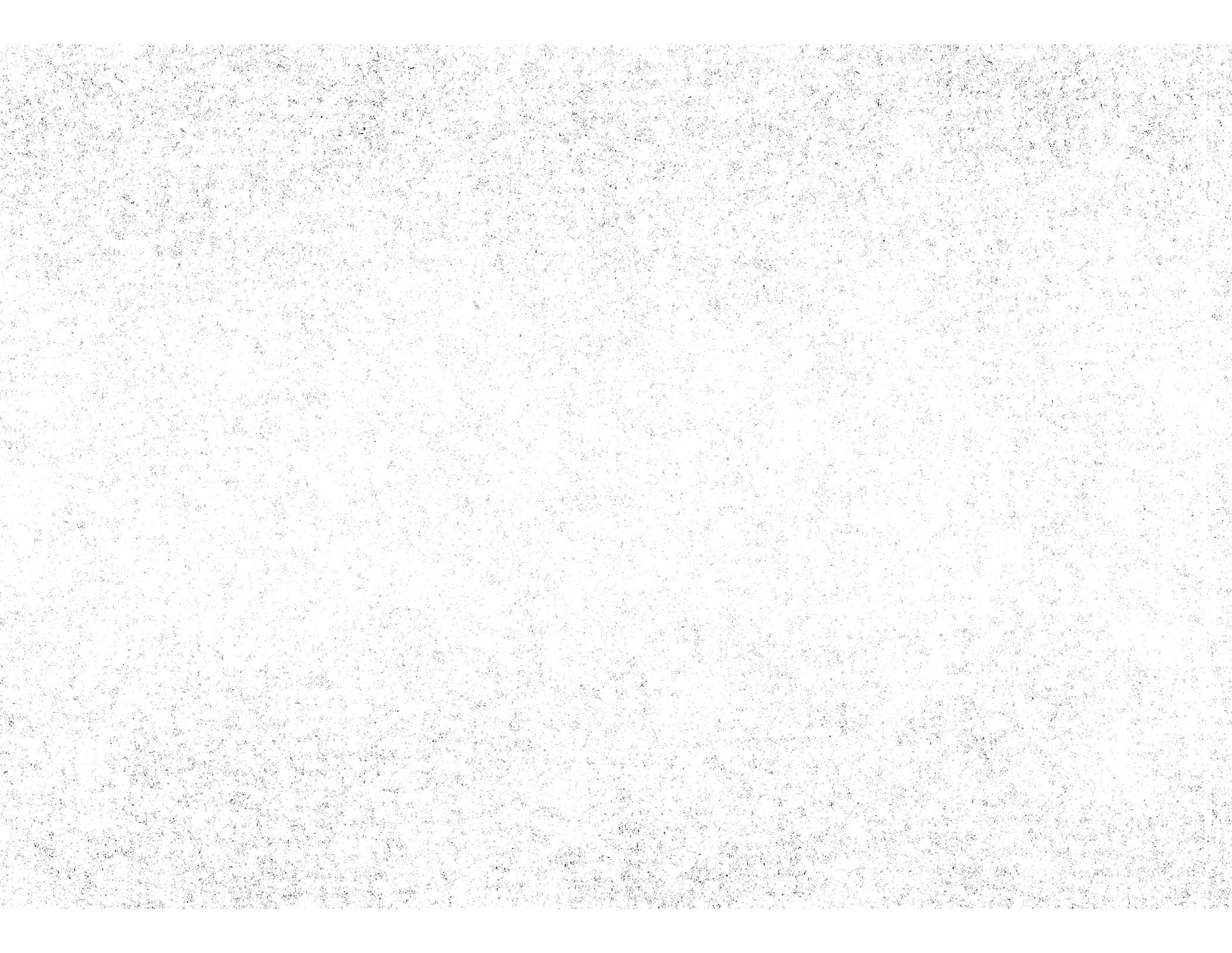
EXPANSION DAM DETAILS

Bridge over North Ditch Sheet 17

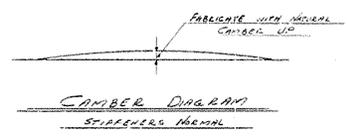
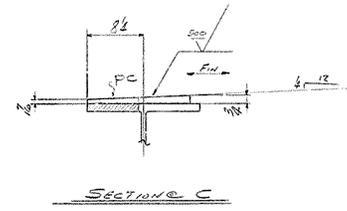
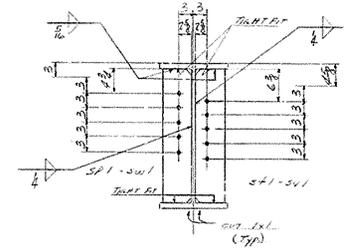
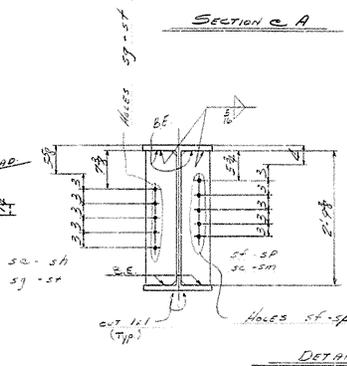
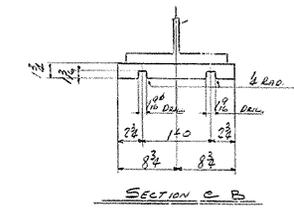
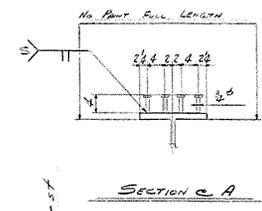
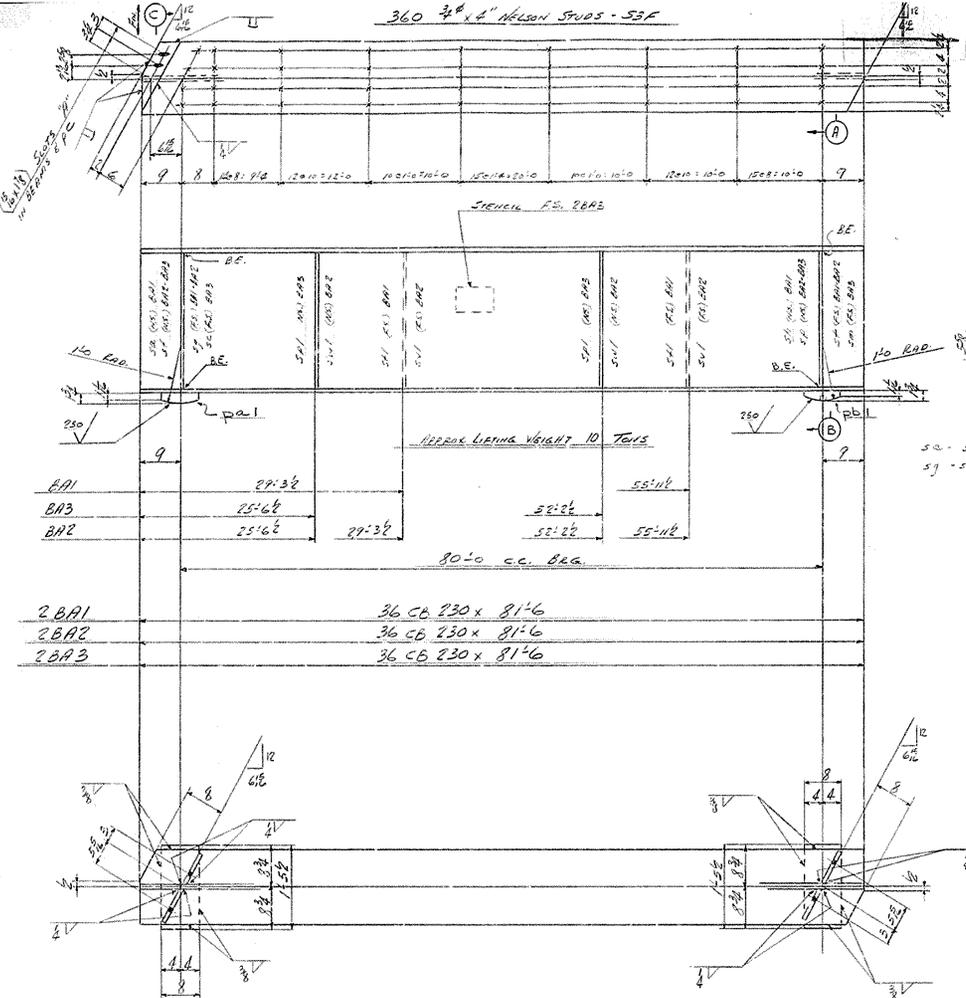
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
 JEFFERSON
 PRESTON STREET
 ROAD

STATION 120+50.926 PROJECT NO. _____
 BRIDGE NUMBER 160.50 DRAWING NO. _____

DESIGNED BY: *Charles E. ...*
 CHECKED BY: *...*
 DATE: *...*



360 3/4" x 4" HELSON STUDS - 53F



SHOP NOTES
 BE DENOTES BEARING ENDS (PINS TO BEAR)
 SEE GENERAL NOTE ON SHEET E-1

Dwg # 16050

Sheet 7

HOLES (1/2" UN.)

1	2	3	4	5	6	7	8	9	10
12	11	17	3	11	21	17	14		

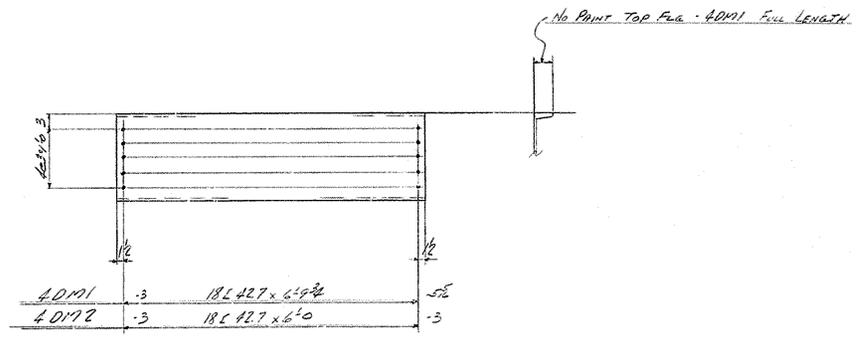
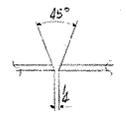
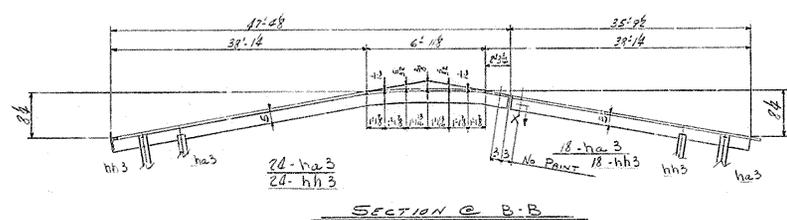
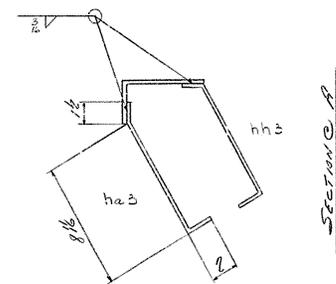
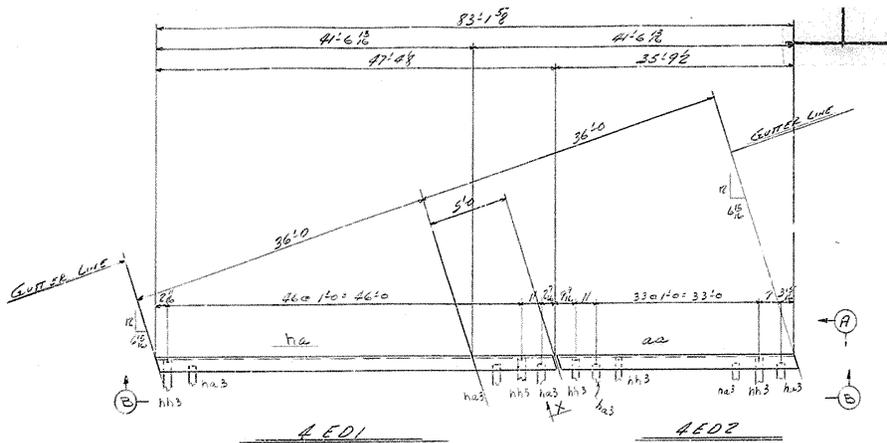
BRIDGE OVER NORTH DITCH
 KENTUCKY HIGHWAY DEPT.
 LOUISVILLE, (JEFFERSON COUNTY), KY.
 PROJ. 50-078 (13), SP56-138

REORDER TYPE 1
 1/5 (UN.)

PROJECT: Project Nelson Spuds		American Bridge Division of Unitus States Steel	
DESIGNER: EB	DATE: 2/25/56	CHECKED BY: EB	DATE: 2/25/56
PROJECT NO: 50-078	SHEET NO: 7	ORDER NO: K-0240	DATE: 2/25/56

MEMBER	SECTION	SIZE	WEIGHT	LENGTH	VOLUME	AREA	PERIMETER	DETAIL	MARKING	REMARKS
1 CB	36	230	81'6"							
2 CB	36	230	81'6"							
3 CB	36	230	81'6"							
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97 CB	36	230	81'6"							
98 CB	36	230	81'6"							
99 CB	36	230	81'6"							
100 CB	36	230	81'6"							





DO NOT SCALE FROM THIS DRAWING
 DIMENSIONS ARE AS SHOWN
 UNLESS OTHERWISE SPECIFIED

HOLES 1/16"
 No PAINT TOP FLG - 40D1 FULL LENGTH
 Aug #16050
 Sheet 9

LINE NO.	ITEM	QUANTITY	UNIT	MATERIAL		REMARKS	CHECKED	DATE
				DESCRIPTION	SECTION			
1	Expansion Bolt	4	EA	40D1				
2	1 L	5	3	18	47 1/2	1/2		1/2
3	24 FLT	28	1/2	10	10	10		10
4	24 FLT	28	1/2	10	10	10		10
5	1 L	5	3	18	55 1/8	1/2		1/2
6	18 FLT	18	1/2	10	10	10		10
7	18 FLT	18	1/2	10	10	10		10

BRIDGE OVER NORTH DITCH
 KENTUCKY HIGHWAY DEPT.
 LOUISVILLE, (JEFFERSON COUNTY), KY
 PROJ. SU 478 (13), SP 56-138

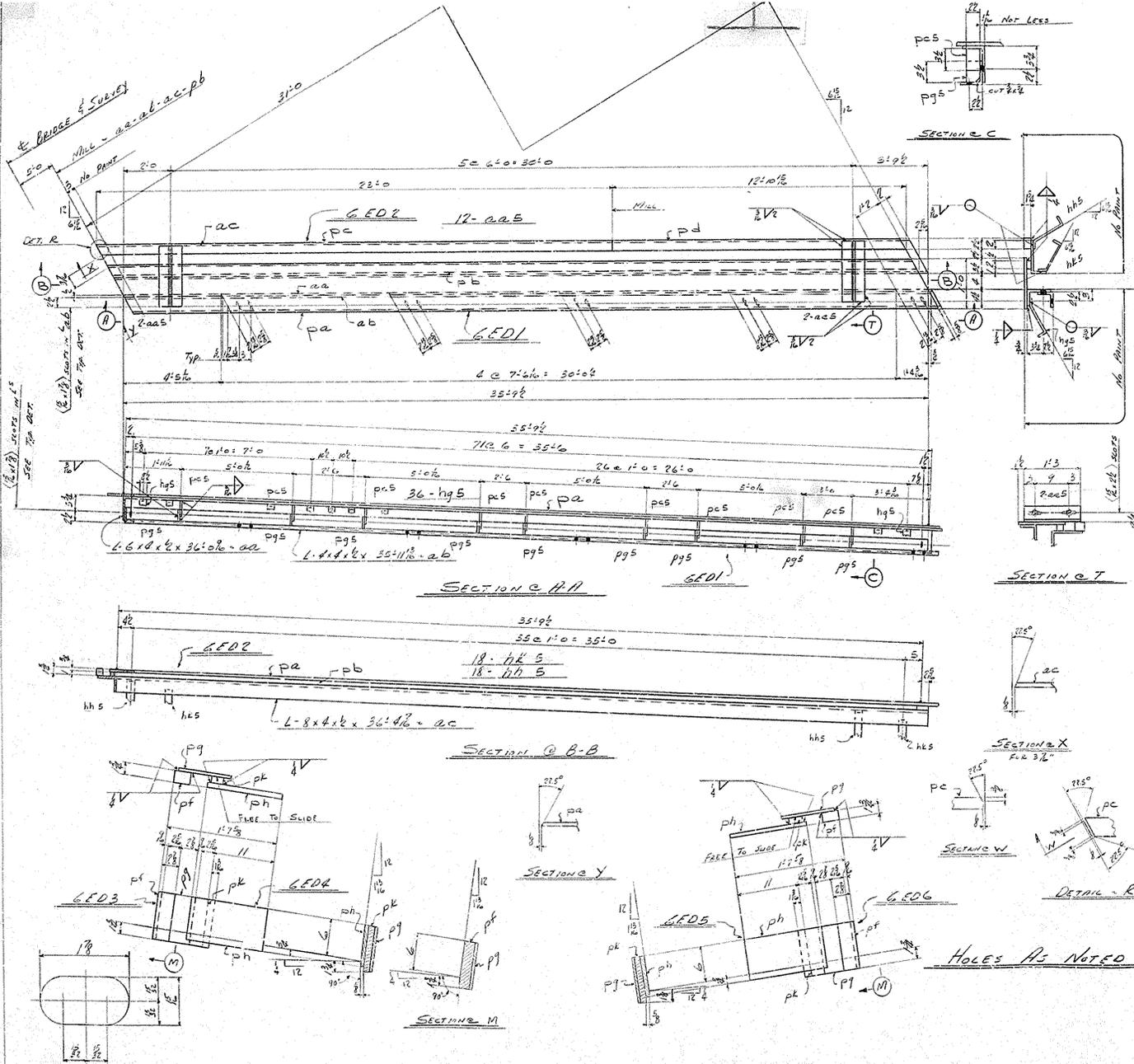
REVISED TYPE 1
 PART: YES, UN.
 SHOP CONTRACT SURFACES: 1/16"

AMERICAN BRIDGE DIVISION OF UNITED STATES STEEL

FABRICATION ASSIGNED TO: **EDMUNDE**
 CHECKING MADE BY: **EDMUNDE**
 MADE BY: **SEAN** CHECKED BY: **D.L.** DATE: 2/15/22
 IN CHARGE OF: **SEAN**

FOR LOCATION OF SHOPPING LIST SEE SHEET 8 OF THIS PROJECT
 EDITION NO. **K-0280**
 SHEET NO. **4**

BRIDGE



NO.	QTY	DESCRIPTION	UNIT	REMARKS	NO.	QTY	DESCRIPTION	UNIT	REMARKS
1					1				
2					2				
3	1	Expansion Drain			3	1	Expansion Drain		
4	1	L 6 x 6	36	0.5	4	1	L 6 x 6	36	0.5
5	1	L 8 x 8	36	0.5	5	1	L 8 x 8	36	0.5
6	1	L 12 x 12	36	0.5	6	1	L 12 x 12	36	0.5
7	2	Flt 2 1/2	1	0	7	2	Flt 2 1/2	1	0
8	2	Flt 3	1	0	8	2	Flt 3	1	0
9	4	Flt 4	1	0	9	4	Flt 4	1	0
10	3	Flt 5	1	0	10	3	Flt 5	1	0
11	1	Flt 6	1	0	11	1	Flt 6	1	0
12					12				
13					13				
14	1	L 2 1/2 x 3	1	0	14	1	L 2 1/2 x 3	1	0
15	1	L 3 x 3	1	0	15	1	L 3 x 3	1	0
16	2	Flt 2 1/2	1	0	16	2	Flt 2 1/2	1	0
17					17				
18					18				
19					19				
20	1	Expansion Drain			20	1	Expansion Drain		
21	1	L 8 x 8	36	0.5	21	1	L 8 x 8	36	0.5
22	1	L 12 x 12	36	0.5	22	1	L 12 x 12	36	0.5
23	2	Flt 2 1/2	1	0	23	2	Flt 2 1/2	1	0
24	1	Flt 3	1	0	24	1	Flt 3	1	0
25	1	Flt 4	1	0	25	1	Flt 4	1	0
26					26				
27					27				
28					28				
29					29				
30					30				
31					31				
32					32				
33					33				
34					34				
35	1	Expansion Drain			35	1	Expansion Drain		
36	1	Flt 2 1/2	1	0	36	1	Flt 2 1/2	1	0
37	1	Flt 3	1	0	37	1	Flt 3	1	0
38					38				
39					39				
40					40				
41					41				
42					42				
43	1	Expansion Drain			43	1	Expansion Drain		
44	1	Flt 2 1/2	1	0	44	1	Flt 2 1/2	1	0
45	1	Flt 3	1	0	45	1	Flt 3	1	0
46					46				
47					47				
48					48				
49	1	Expansion Drain			49	1	Expansion Drain		
50	1	Flt 2 1/2	1	0	50	1	Flt 2 1/2	1	0
51	1	Flt 3	1	0	51	1	Flt 3	1	0
52					52				
53					53				
54					54				
55	1	Expansion Drain			55	1	Expansion Drain		
56	1	Flt 2 1/2	1	0	56	1	Flt 2 1/2	1	0
57	1	Flt 3	1	0	57	1	Flt 3	1	0
58					58				
59					59				
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68					68				
69					69				
70					70				

SHEET # 11
 BRIDGE OVER NORTH DITCH
 KENTUCKY HIGHWAY 2007
 LOUISVILLE (JEFFERSON COUNTY), KY
 PROJ. S0478 (13) SP56-138

American Bridge Division of **US** United States Steel
 ENGINEERED BY **BRADLEY R. HANCOCK**
 CHECKED BY **CRM**
 DATE OF ISSUE **11/17/11**
 DRAWN BY **SCOTT**

K-0240
 6
 (WELDED)

01	02	03	04	05	06	07	08	09	10	TOTAL
11	11	11	11	11	11	11	11	11	11	79

