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

KENTUCKY DEPARTMENT OF HIGHWAYS
INTERSTATE OVER KENTUCKY RIVER
FRANKLIN COUNTY
LOUISVILLE-LEXINGTON-CATLETTSBURG

GENERAL NOTE

SPECIFICATIONS — KENTUCKY DEPARTMENT OF HIGHWAYS, 1956 STANDARDS WITH AMENDMENTS

DESIGN LOAD — BRIDGES ARE DESIGNED FOR H20 S16 44 LOADING AS SPECIFIED IN A.A.S.H.O. SPECIFICATIONS, 1957 EDITION, OR ALTERNATE MILITARY LOADING AS SPECIFIED BY THE BUREAU OF PUBLIC ROADS, WHICHEVER PRODUCES THE GREATER STRESS.

CONCRETE — CLASS A CONCRETE IS TO BE USED THROUGHOUT.

REINFORCEMENT — DIMENSIONS FROM FACE OF CONCRETE TO BARS ARE CLEAR DISTANCES UNLESS OTHERWISE SHOWN. DIMENSIONS FOR BAR SPACINGS ARE DISTANCES CENTER TO CENTER OF BARS.

BEVELED EDGES — ALL EXPOSED EDGES OF CONCRETE TO BE BEVELED 2" UNLESS OTHERWISE NOTED.

COFFERDAMS — COFFERDAMS WHICH ARE TILTED OR MOVED DURING THE PROCESS OF SINKING OR DURING THE CONSTRUCTION OF THE STRUCTURE, DUE TO EMBANKMENT SLIDES, BREAKS IN THE STREAM BANKS, OR ANY OTHER CAUSE SHALL BE RIGHTED, RESET, OR ENLARGED TO PROVIDE THE NECESSARY CLEARANCE FOR THE CONSTRUCTION OF THE STRUCTURE, AND THIS SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR.

STRUCTURE EXCAVATION — THE CUBIC YARDS OF STRUCTURE EXCAVATION PAID FOR WILL BE THE CUBIC YARDS ACTUALLY REMOVED, EXCEPT THERE SHALL BE NO PAYMENT FOR EXCAVATION OUTSIDE THE AREA BOUNDED BY VERTICAL PLANES 1' 6" BEYOND THE NEAT LINES OF THE FOOTINGS. THE OUTSIDE EDGES OF THE CONCRETE SEAL COAT ARE NOT TO BE INTERPRETED AS BEING THE NEAT LINES OF THE FOOTING.

CONCRETE IN BASES — IF CONCRETE FOR BASES OF PIERS CANNOT BE POURED IN DRY EXCAVATION, THEN A SEAL COAT SHALL BE USED AND 10% OF CEMENT ADDED TO THE CONCRETE POURED IN THE WATER IN ACCORDANCE ARTICLE 5.6.3-A-2 OF THE SPECIFICATIONS. NO CONCRETE SHALL BE PLACED IN FOUNDATIONS UNTIL THE DEPTH OF EXCAVATION AND CHARACTER OF FOUNDATION MATERIAL HAVE BEEN INSPECTED BY THE ENGINEER.

CONSTRUCTION NOTE — THE CONTRACTOR SHALL ARRANGE THE WORK SO AS NOT TO INTERFERE WITH THE OPERATION OF THE L&N R.R. CO. TRACKS AT ANY TIME UNLESS THE CONTRACTOR HAS MADE ARRANGEMENTS WITH THE L&N R.R. CO. THE CONTRACTOR SHALL ARRANGE WITH THE L&N R.R. CO. TO PROVIDE FLAG PROTECTION AT THE CONTRACTORS EXPENSE AS SPECIFIED IN THE SPECIAL PROVISIONS. COFFERDAM PLANS FOR PIERS 2E AND 2W SHALL BE SUBMITTED TO THE DEPARTMENT OF HIGHWAYS AND THE L&N R.R. CO. FOR APPROVAL.

NAVIGATION CLEARANCES — IN CONJUCTION WITH THE PLACING OF FALSEWORK IN THE RIVER AREA DURING THE CONSTRUCTION OF THESE BRIDGES THE MINIMUM HORIZONTAL CLEAR OPENING FOR RIVER TRAFFIC SHALL BE NOT LESS THAN 80 FEET AND THE MINIMUM VERTICAL CLEARANCE SHALL BE NOT LESS THAN 14.5 FEET ABOVE NORMAL POOL LEVEL OF LOCK NO. 14, KENTUCKY RIVER. PLANS OF THE FALSEWORK INSTALLATION MUST BE SUBMITTED BY THE CONTRACTOR TO THE U.S. ARMY ENGINEER DISTRICT OFFICE, LOUISVILLE, KENTUCKY FOR A NAVIGATION PERMIT, PRIOR TO COMMENCING CONSTRUCTION.

REFERENCES AND ESTIMATE OF QUANTITIES (4 RIVER PIERS ONLY)

ITEM	SHEET NO.	CONCRETE CLASS A CU. YDS.	REINFORCEMENT LBS.	STRUCTURE EXCAVATION COMMON CU. YDS.	STRUCTURE EXCAVATION SOLID ROCK CU. YDS.
TITLE SHEET & ESTIMATE OF QUANTITIES	1	—	—	—	—
LAYOUT, PLAN	2	—	—	—	—
LAYOUT, ELEVATION	3	—	—	—	—
SOUNDINGS	4 & 5	—	—	—	—
PIER 1E (EASTBOUND)	6 & 7	1835.8	159 694	2000	250
PIER 2E (EASTBOUND)	8 & 9	1919.8	207 154	450	2000
PIER 1W (WESTBOUND)	10 & 11	2091.0	216 900	3150	350
PIER 2W (WESTBOUND)	12 & 13	2038.3	209 268	250	1850
TOTALS		7884.9	792516	6750	4550

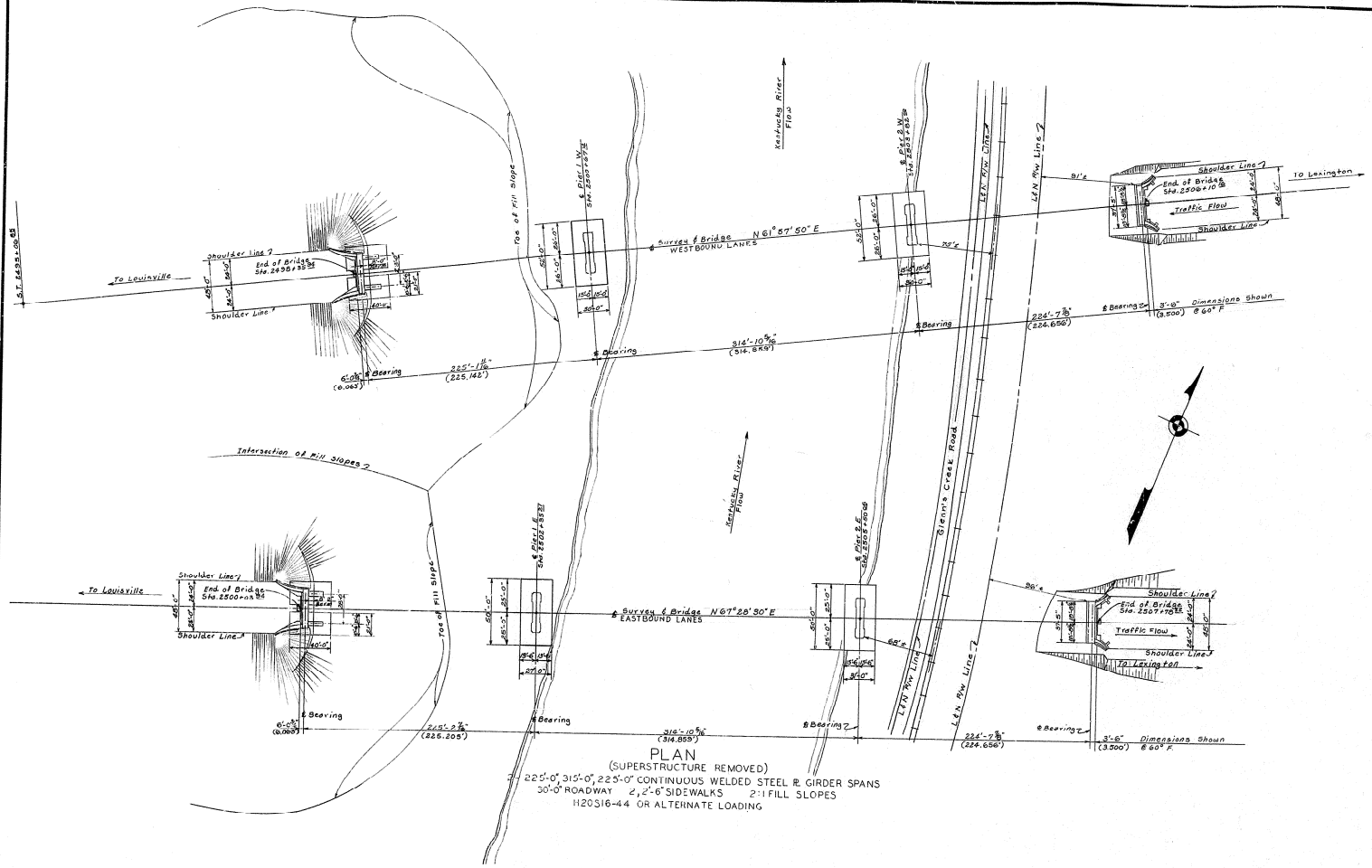
INTERSTATE OVER KY RIVER — SHEET 1 OF 13

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2200+91.08 (EASTBOUND) 2250+23.85 (WESTBOUND) **PROJECT NO.** IG4-4

BRIDGE NUMBER	DRAWING	INDEX
	No. 14060	

DESIGNED BY 6-6-2001 — CHECKED BY — DATE — REVISED — DATE
DETAILED BY 5/83 — CHECKED BY — DATE — REVISED — DATE
TRACED BY — CHECKED BY — DATE — REVISED — DATE

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



PLAN
(SUPERSTRUCTURE REMOVED)
225'-0", 315'-0", 225'-0" CONTINUOUS WELDED STEEL ℞ GIRDER SPANS
30'-0" ROADWAY 2, 2'-6" SIDEWALKS 2:1 FILL SLOPES
H20S16-44 OR ALTERNATE LOADING

LAYOUT - PLAN

INTERSTATE OVER KENTUCKY RIVER SHEET 2

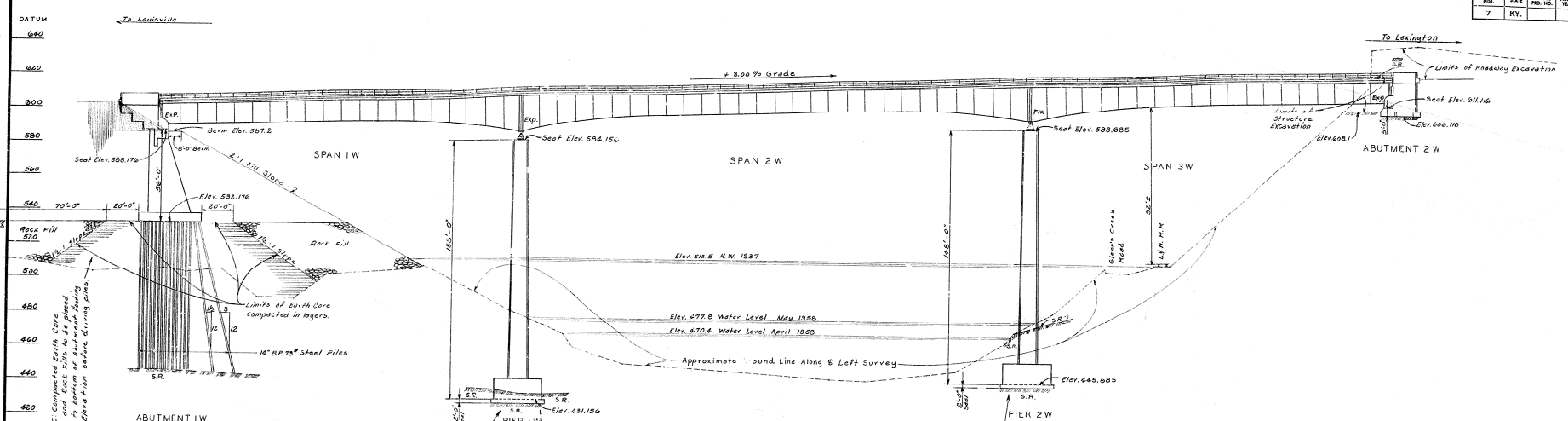
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE - LEXINGTON - CATLETTSBURG

STATION 2502+25 (Westbound) 2502+35 (Eastbound) ROAD PROJECT NO. I64-4

BRIDGE NUMBER | DRAWING NO. 14060 | INDEX

DESIGNED BY: R.S. Geek. CHECKED BY: DATE:
DETAILED BY: CHECKED BY: DATE:
TRACED BY: CHECKED BY: DATE:
REVISED: DATE:
REVISED: DATE:
REVISED: DATE:

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

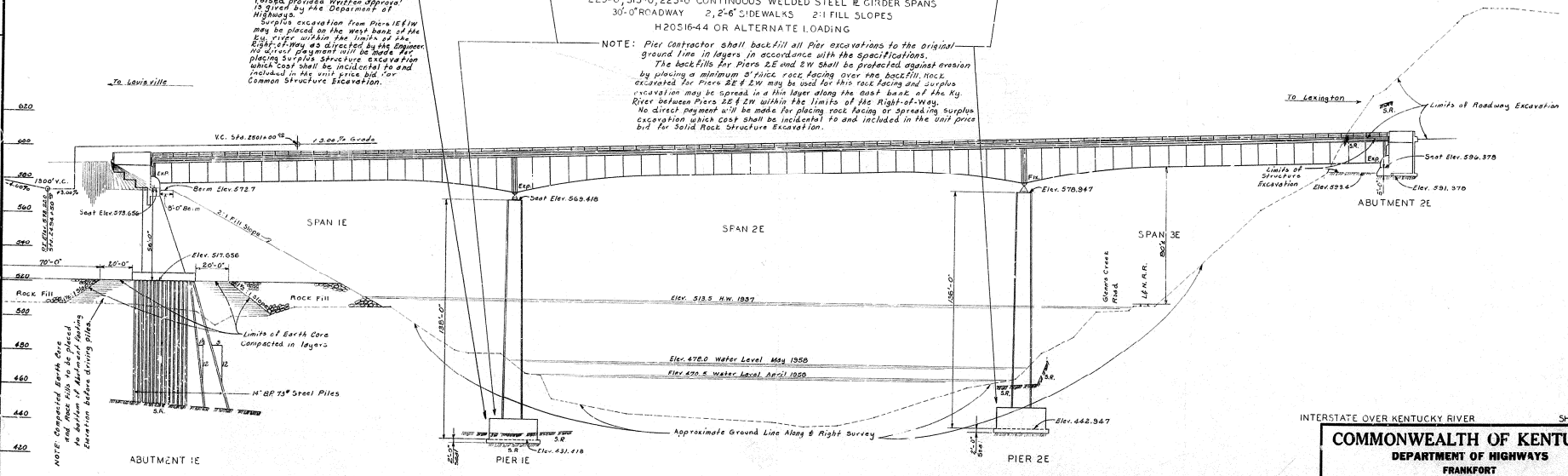


NOTE: If good rock foundation is found at elevations higher than shown here on for Piers 1E & 1W, then these pile footings may be raised provided written approval is given by the Deparment of Highways.
Surplus excavation from Piers 1E & 1W may be placed on the west bank of the Ky. River within the limits of the Right-of-Way as directed by the Engineer. No direct payment will be made for placing Surplus Structure Excavation which cost shall be incidental to and included in the unit price bid for Common Structure Excavation.

ELEVATION - I64 WESTBOUND

225'-0", 315'-0", 225'-0" CONTINUOUS WELDED STEEL & GIRDER SPANS
30'-0" ROADWAY 2, 2'-6" SIDEWALKS 2:1 FILL SLOPES
H20 S16-44 OR ALTERNATE LOADING

NOTE: Pier Contractor shall backfill all Pier excavations to the original ground line in layers in accordance with the specifications.
The backfills for Piers 2E and 2W shall be protected against erosion by placing a minimum 3' faice rock facing over the backfill. Rock excavated for Piers 2E & 2W may be used for this rock facing and surplus excavation may be spread in a thin layer along the east bank of the Ky. River between Piers 2E & 2W within the limits of the Right-of-Way. No direct payment will be made for placing rock facing or spreading surplus excavation which cost shall be incidental to and included in the unit price bid for Solid Rock Structure Excavation.



ELEVATION - I64 EASTBOUND

225'-0", 315'-0", 225'-0" CONTINUOUS WELDED STEEL & GIRDER SPANS
30'-0" ROADWAY 2, 2'-6" SIDEWALKS 2:1 FILL SLOPES
H20 S16-44 OR ALTERNATE LOADING

LAYOUT - ELEVATION (FIG. 1)

INTERSTATE OVER KENTUCKY RIVER SHEET 3

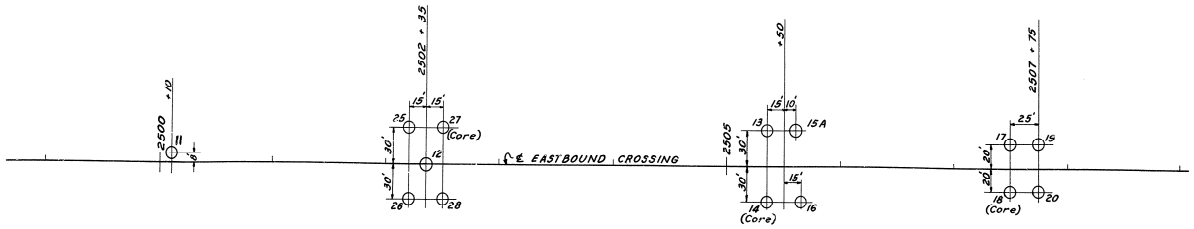
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2503+23.05 Westbound, 2503+31.08 Eastbound **PROJECT NO.** 1C4-4

BRIDGE NUMBER	DRAWING No. 14060	INDEX

Surplus Excavation Rates C.S.C. DATE 10/1/58

DESIGNED BY C.G. COOK CHECKED BY
DETAILED BY CHECKED BY
TRACED BY CHECKED BY

SOUNDING LAYOUT



LEGEND

A = TOP SOIL
B = YELLOW SANDY CLAY
C = YELLOW SAND
D = BROWN SANDY CLAY & GRAVEL
E = YELLOW SANDY LOAM
F = YELLOW SAND & GRAVEL
G = BROWN CLAY
H = YELLOW SANDY CLAY & GRAVEL
L = LIMESTONE

FRANKLIN COUNTY 164-4(1)L
SOUNDINGS FOR BRIDGE AT KENTUCKY RIVER
EASTBOUND CROSSING
Scale 1" = 50'

SHEET 4

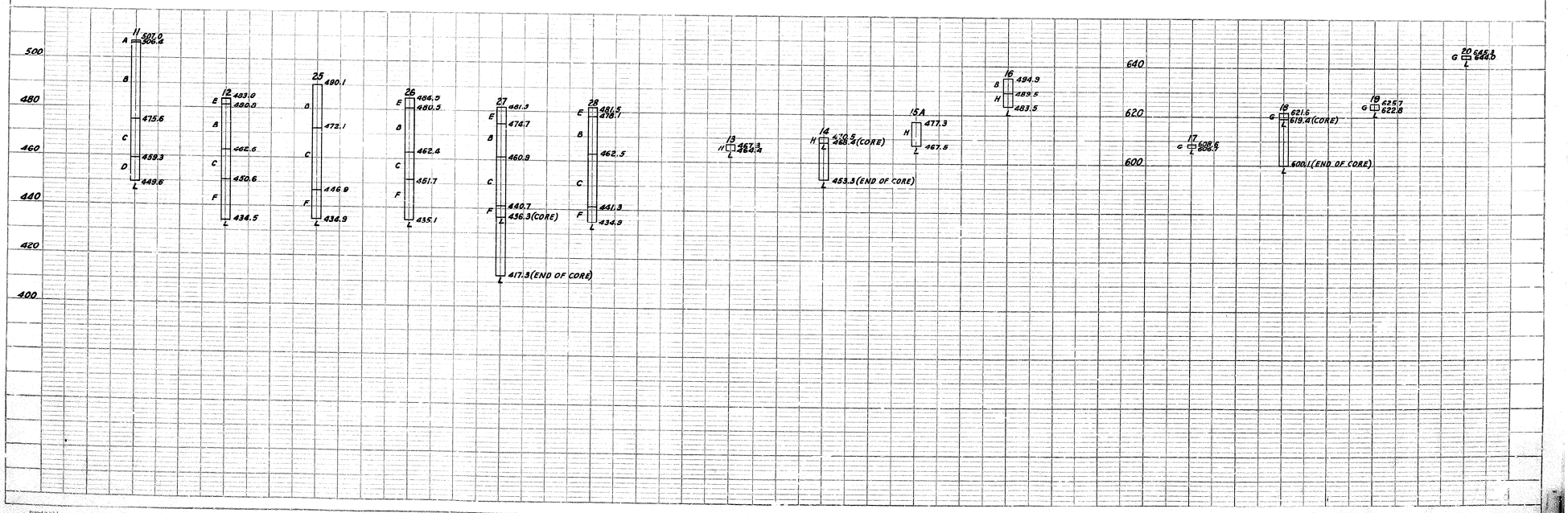
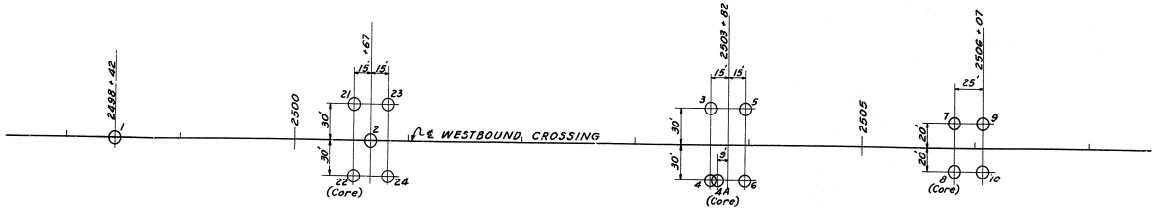


PLATE I-PLAN-PROFILE D.P.R. STANDARD
EUGENE BIRTCHER CO. Chicago, Ill.

SOUNDINGS - KY. RIVER BRIDGE - 164-4 [redacted] EASTBOUND SHEET 4
DRAWING No. 14060

SOUNDING LAYOUT



LEGEND

A = TOP SOIL
B = YELLOW SANDY CLAY
C = YELLOW SAND
D = BROWN SANDY CLAY & GRAVEL
E = YELLOW SANDY LOAM
F = YELLOW SAND & GRAVEL
G = BROWN CLAY
H = YELLOW SANDY CLAY & GRAVEL
J = BLUE SANDY CLAY
L = LIMESTONE

FRANKLIN COUNTY 164-4 (1) L
SOUNDINGS FOR BRIDGE AT KENTUCKY RIVER
WESTBOUND CROSSING
Scale 1" = 50'

SHEET 5

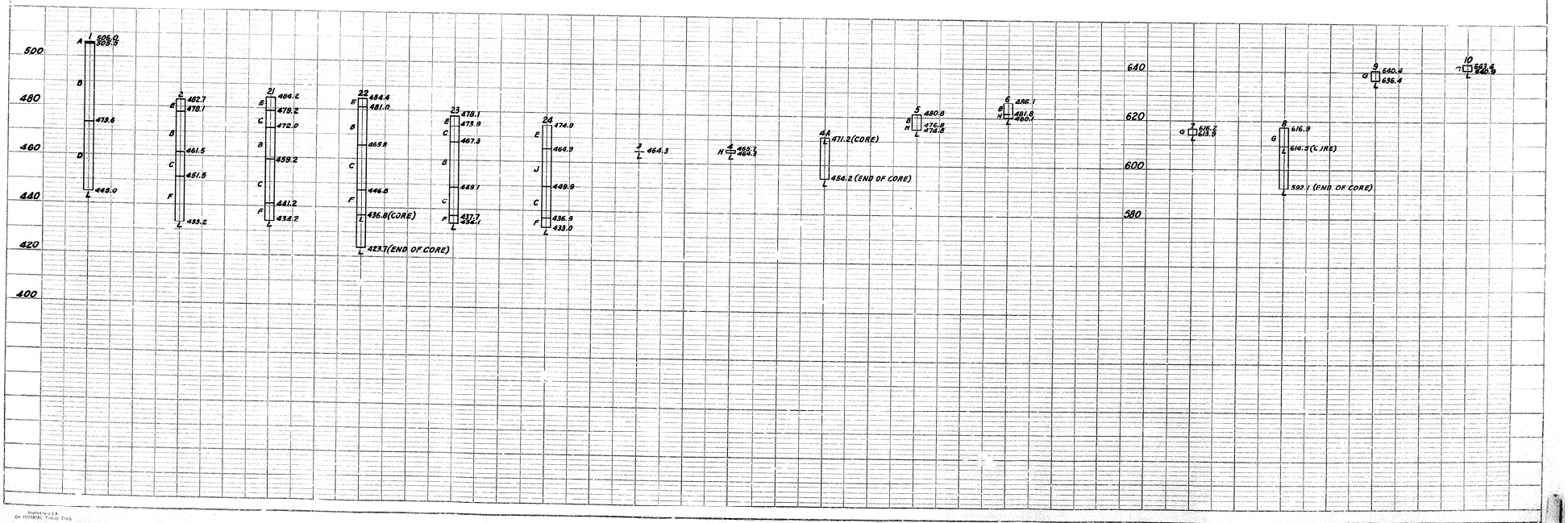
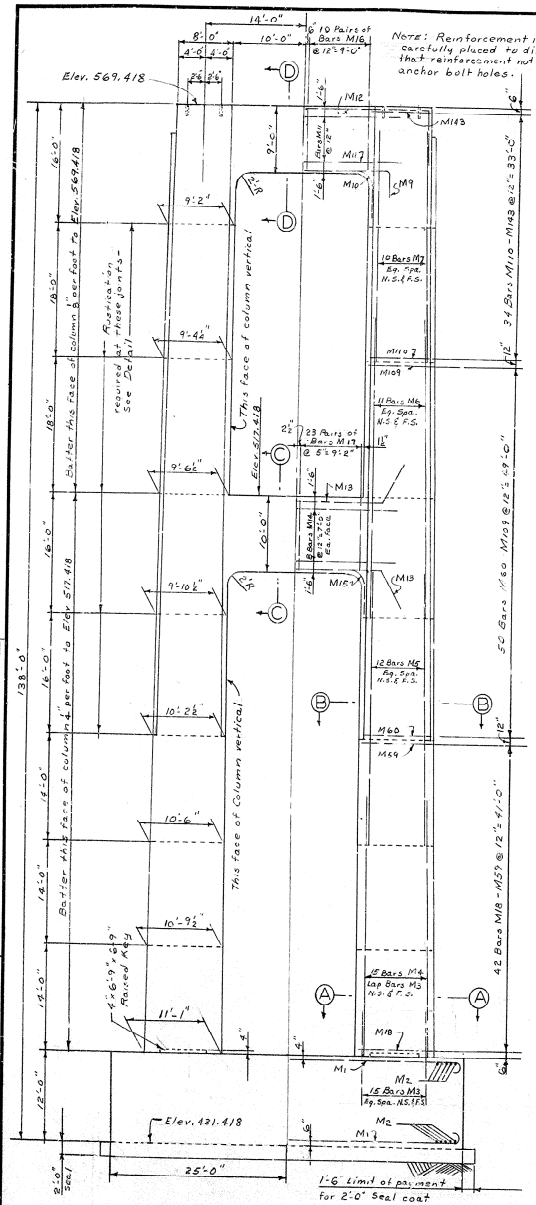


PLATE 1 PLAN PROFILE

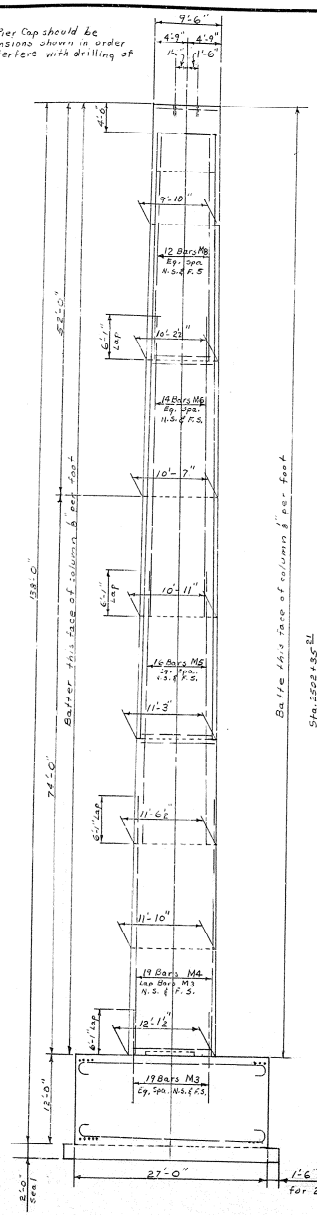
SOUNDINGS - KY. RIVER BRIDGE 164-4 WESTBOUND SHEET 5
DRAWING No. 14060

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

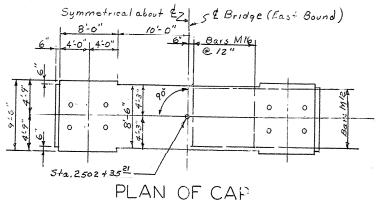
NOTE: Reinforcement in Pier Cap should be carefully placed to dimensions shown in order that reinforcement not interfere with drilling of anchor bolt holes.



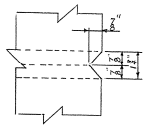
ELEVATION



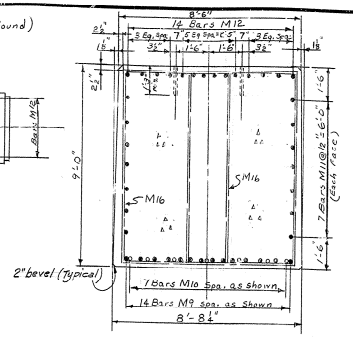
END ELEVATION



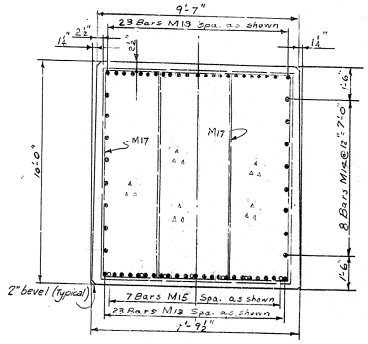
PLAN OF CAP



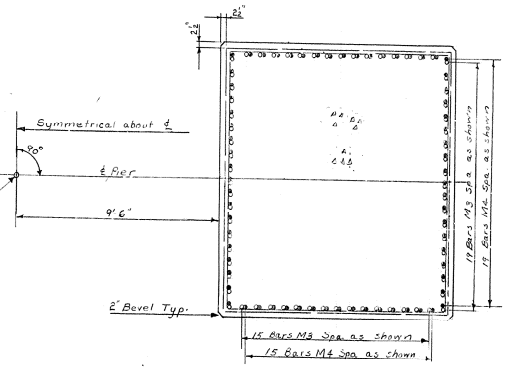
RUSTICATION DETAIL



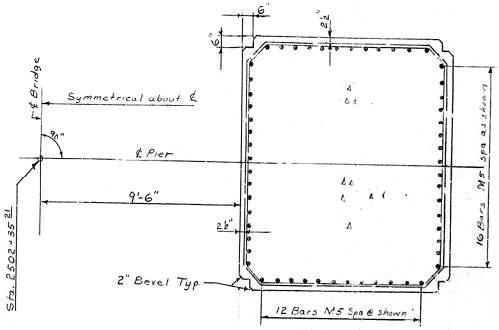
SECTION D-D



SECTION C-C



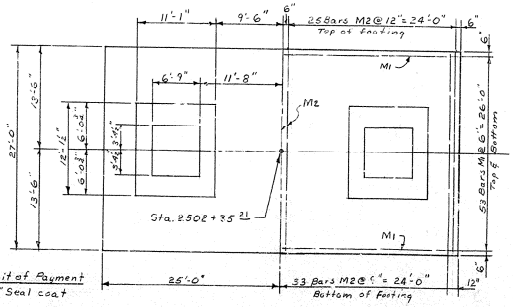
SECTION A-A



SECTION B-B

ESTIMATE OF QUANTITIES

Concrete - Class "A"	1835.3 cu. yd.
Reinforcement	159694. Lb.



PLAN OF FOOTING

DETAILS OF PIER 1E

WORK SHEETS 6 AND 7 TOGETHER

Interstate over Ky River (East Bound) Sheet 6

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE — LEXINGTON — CATLETTSBURG
ROAD
STATION 2503+91.28 EAST BOUND PROJECT NO. IG4-4

BRIDGE NUMBER | DRAWING NO. 14060 | INDEX

DESIGNED BY W.C.P. Morris CHECKED BY G.C. Dodson DATE 6-55 REVISED DATE
DETAILED BY C.F. Dixon CHECKED BY G.C. Dodson DATE 6-55 REVISED DATE
TRACED BY CHECKED BY DATE REVISED DATE

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

BILL OF REINFORCEMENT

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
M1	1	106	#9	52'-0"	FOOTING	48'-8"	1'-8"	11 1/4"	49'-7 1/4"					
M2	"	115	#11	29'-6"	"	25'-6'	2-0	1'-1 3/4"	26'-7 3/4					
M3	STR.	136	"	12'-2"	FOOTING (DOWELS)									
M4	"	136	"	34'-1"	COLUMN									
M5	"	112	"	36'-1"	"									
M6	"	100	"	40'-1"	"									
M7	"	40	"	31'-1"	"									
M8	"	48	"	29'-10"	"									
M9	34	14	"	26'-7"	COLUMN-TOP STRUT	21'-0"	2'-11"	2'-11"						
M10	50	14	#8	10'-4"	" " "	2-3 1/8	3'-4"	3'-8 1/8	3'-4"					
M11	STR.	14	"	28'-0"	" " "									
M12	34	14	#11	49'-0"	" " "	35'-5"	6'-11"	6'-11"						
M13	16	46	"	38'-0"	COLUMN-MIDDLE STRUT	20-0	6-4 3/8	6-4 3/8	9'-0"	6'-4 3/8"	9'-0"	6'-4 3/8"		
M14	STR.	16	#8	28'-0"	" " "									
M15	50	14	"	10'-4"	" " "	2'-3 1/8"	3'-4"	3'-8 1/8"	3'-4"					
M16	24	40	#5	27'-7"	C_UMN-TOP STRUT	4'-10"	8'-7"							
M17	"	92	"	32'-8"	COLUMN-MIDDLE STRUT	6'-4 1/2"	9'-7"							
M18	"	2	"	45'-5"	COLUMN	10'-7 7/8"	11'-8 3/8"							
M19	"	2	"	45'-4"	"	10'-7 5/8"	11'-8 1/8"							
M20	"	2	"	45'-3"	"	10'-7 3/8"	11'-7 7/8"							
M21	"	2	"	45'-2"	"	10'-7 1/8"	11'-7 5/8"							
M22	"	2	"	45'-1"	"	10'-6 7/8"	11'-7 3/8"							
M23	"	2	"	45'-0"	"	10'-6 5/8"	11'-7 1/8"							
M24	"	2	"	44'-11"	"	10'-6 3/8"	11'-6 7/8"							
M25	"	2	"	44'-10"	"	10'-6 1/8"	11'-6 5/8"							
M26	"	2	"	44'-9"	"	10'-5 7/8"	11'-6 3/8"							
M27	"	2	"	44'-8"	"	10'-5 5/8"	11'-6 1/8"							
M28	"	2	"	44'-7"	"	10'-5 3/8"	11'-5 7/8"							
M29	"	2	"	44'-6"	"	10'-5 1/8"	11'-5 5/8"							
M30	"	2	"	44'-5"	"	10'-4 7/8"	11'-5 3/8"							
M31	"	2	"	44'-4"	"	10'-4 5/8"	11'-5 1/8"							
M32	"	2	"	44'-3"	"	10'-4 3/8"	11'-4 7/8"							
M33	"	2	"	44'-2"	"	10'-4 1/8"	11'-4 5/8"							
M34	"	2	"	44'-1"	"	10'-3 7/8"	11'-4 3/8"							
M35	"	2	"	44'-0"	"	10'-3 5/8"	11'-4 1/8"							
M36	"	2	"	43'-11"	"	10'-3 3/8"	11'-3 7/8"							
M37	"	2	"	43'-10"	"	10'-3 1/8"	11'-3 5/8"							
M38	"	2	"	43'-9"	"	10'-2 5/8"	11'-3 3/8"							
M39	"	2	"	43'-8"	"	10'-2 5/8"	11'-3 1/8"							
M40	"	2	"	43'-7"	"	10'-2 3/8"	11'-2 7/8"							
M41	"	2	"	43'-6"	"	10'-2 1/8"	11'-2 5/8"							
M42	"	2	"	43'-5"	"	10'-1 7/8"	11'-2 3/8"							
M43	"	2	"	43'-4"	"	10'-1 5/8"	11'-2 1/8"							
M44	"	2	"	43'-3"	"	10'-1 3/8"	11'-1 7/8"							
M45	"	2	"	43'-2"	"	10'-1 1/8"	11'-1 5/8"							
M46	"	2	"	43'-1"	"	10'-0 7/8"	11'-1 3/8"							
M47	"	2	"	43'-0"	"	10'-0 5/8	11'-1 1/8"							
M48	"	2	"	42'-11	"	10'-0 3/8"	11'-0 7/8"							
M49	"	2	"	42'-10"	"	10'-0 1/8"	11'-0 5/8"							
M50	"	2	"	42'-9"	"	9'-11 7/8"	11'-0 3/8"							
M51	"	2	"	42'-8"	"	9'-11 5/8"	11'-0 1/8"							
M52	"	2	"	42'-7"	"	9'-11 3/8"	10'-11 7/8"							
M53	"	2	"	42'-6"	"	9'-11 1/8"	10'-11 5/8"							
M54	"	2	"	42'-5"	"	9'-10 7/8"	10'-11 3/8"							
M55	"	2	"	42'-4"	"	9'-10 5/8"	10'-11 1/8"							
M56	"	2	"	42'-3"	"	9'-10 3/8"	10'-10 7/8"							
M57	"	2	"	42'-2"	"	9'-10 1/8"	10'-10 5/8"							
M58	"	2	"	42'-1"	"	9'-9 7/8"	10'-10 3/8"							
M59	24	2	#5	42'-0"	COLUMN	9'-9 5/8"	10'-10 1/8"							
M60	33	2	"	40'-2"	"	9'-9 3/8"	10'-9 7/8	8'-0 3/8	9'-0 7/8"					
M61	"	2	"	40'-1"	"	9'-9 1/8"	10'-9 5/8	8'-0 1/8"	9'-0 5/8					
M62	"	2	"	40'-0"	"	9'-8 7/8"	10'-9 3/8	7'-11 7/8"	9'-0 3/8					
M63	"	2	"	39'-11"	"	9'-8 5/8	10'-9 1/8	7'-11 5/8"	9'-0 1/8					
M64	"	2	"	39'-10"	"	9'-8 3/8	10'-8 7/8	7'-11 3/8"	8'-11 7/8					
M65	"	2	"	39'-9"	"	9'-8 1/8	10'-8 5/8	7'-11 1/8"	8'-11 5/8					
M66	"	2	"	39'-8"	"	9'-7 7/8	10'-8 3/8	7'-10 7/8	8'-11 3/8					
M67	"	2	"	39'-7"	"	9'-7 5/8	10'-8 1/8	7'-10 5/8	8'-11 1/8					
M68	"	2	"	39'-6"	"	9'-7 3/8	10'-7 7/8	7'-10 3/8	8'-10 7/8					
M69	"	2	"	39'-5"	"	9'-7 1/8"	10'-7 5/8	7'-10 1/8	8'-10 5/8					
M70	"	2	"	39'-4"	"	9'-6 7/8	10'-7 3/8	7'-9 7/8	8'-10 3/8					
M71	"	2	"	39'-3"	"	9'-6 5/8	10'-7 1/8	7'-9 5/8"	8'-10 1/8					
M72	"	2	"	39'-2"	"	9'-6 3/8	10'-6 7/8	7'-9 3/8	8'-9 7/8"					
M73	"	2	"	39'-1"	"	9'-6 1/8"	10'-6 5/8	7'-9 1/8"	8'-9 5/8"					
M74	"	2	"	39'-0"	"	9'-5 7/8"	10'-6 3/8	7'-8 7/8	8'-9 3/8					
M75	"	2	"	38'-11"	"	9'-5 5/8	10'-6 1/8"	7'-8 5/8	8'-9 1/8"					
M76	"	2	"	38'-10"	"	9'-5 3/8"	10'-5 7/8	7'-8 3/8	8'-8 7/8"					
M77	"	2	"	38'-9"	"	9'-5 1/8"	10'-5 5/8"	7'-8 1/8	8'-8 5/8"					
M78	"	2	"	38'-8"	"	9'-4 7/8	10'-5 3/8"	7'-7 7/8"	8'-8 3/8"					
M79	"	2	"	38'-7"	"	9'-4 5/8"	10'-5 1/8"	7'-7 5/8"	8'-8 1/8					
M80	"	2	"	38'-6"	"	9'-4 3/8	10'-4 7/8"	7'-7 3/8	8'-7 7/8					
M81	"	2	"	38'-5"	"	9'-4 1/8	10'-4 5/8"	7'-7 1/8"	8'-7 5/8					
M82	"	2	"	38'-4"	"	9'-3 7/8"	10'-4 3/8"	7'-6 7/8"	8'-7 3/8"					
M83	"	2	"	38'-3"	"	9'-3 5/8"	10'-4 1/8"	7'-6 5/8"	8'-7 1/8"					
M84	"	2	"	38'-2"	"	9'-3 3/8	10'-3 7/8"	7'-6 3/8"	8'-6 7/8					
M85	"	2	"	38'-1"	"	9'-3 1/8"	10'-3 5/8"	7'-6 1/8"	8'-6 5/8"					
M86	"	2	"	38'-0"	"	9'-2 7/8	10'-3 3/8	7'-5 7/8"	8'-6 3/8"					
M87	"	2	"	37'-11"	"	9'-2 5/8	10'-3 1/8"	7'-5 5/8"	8'-6 1/8"					
M88	"	2	"	37'-10"	"	9'-2 3/8	10'-2 7/8	7'-5 3/8	8'-5 7/8"					
M89	"	2	"	37'-9"	"	9'-2 1/8	10'-2 5/8	7'-5 1/8	8'-5 5/8"					
M90	"	2	"	37'-8"	"	9'-1 7/8"	10'-2 3/8	7'-4 7/8"	8'-5 3/8"					
M91	"	2	"	37'-7"	"	9'-1 5/8"	10'-2 1/8"	7'-4 5/8"	8'-5 1/8"					
M92	"	2	"	37'-6"	"	9'-1 3/8"	10'-1 7/8"	7'-4 3/8"	8'-4 7/8"					
M93	"	2	"	37'-5"	"	9'-1 1/4"	10'-1 5/8	7'-4 1/4"	8'-4 5/8"					
M94	"	2	"	37'-4"	"	9'-1 1/8"	10'-1 3/8	7'-4 1/8"	8'-4 3/8"					
M95	"	2	"	37'-4"	"	9'-1"	10'-1 1/8"	7'-4"	8'-4 1/8"					
M96	"	2	"	37'-3"	"	9'-0 7/8"	10'-0 7/8	7'-3 7/8	8'-3 7/8"					
M97	"	2	"	37'-2"	"	9'-0 3/4"	10'-0 5/8	7'-3 3/4"	8'-3 5/8					
M98	"	2	"	37'-2"	"	9'-0 5/8"	10'-0 3/8	7'-3 5/8"	8'-3 3/8"					
M99	"	2	"	37'-1"	"	9'-0 1/2"	10'-0 1/8	7'-3 1/2"	8'-3 1/8"					
M100	"	2	"	37'-0"	"	9'-0 3/8"	9'-11 7/8	7'-3 3/8"	8'-2 7/8"					
M101	"	2	"	36'-11"	"	9'-0 1/4"	9'-11 5/8	7'-3 1/4"	8'-2 5/8"					
M102	"	2	"	36'-11"	"	9'-0 1/8	9'-11 3/8"	7'-3 1/8"	8'-2 3/8					
M103	"	2	"	36'-10"	"	9'-0"	9'-11 1/8"	7'-3"	8'-2 1/8					
M104	"	2	"	36'-9"	"	8'-11 7/8"	9'-10 7/8	7'-2 7/8"	8'-1 7/8"					
M105	"	2	"	36'-8"	"	8'-11 3/4"	9'-10 5/8	7'-2 3/4"	8'-1 5/8"					
M106	"	2	"	36'-8"	"	8'-11 5/8	9'-10 3/8"	7'-2 5/8	8'-1 3/8"					
M107	"	2	"	36'-7"	"	8'-11 1/2"	9'-10 1/8	7'-2 1/2"	8'-1 1/8"					
M108	"	2	"	36'-6"	"	8'-11 3/8"	9'-9 7/8"	7'-2 3/8	8'-0 7/8					
M109	"	2	"	36'-5"	"	8'-11 1/4"	9'-9 5/8"	7'-2 1/4"	8'-0 5/8					
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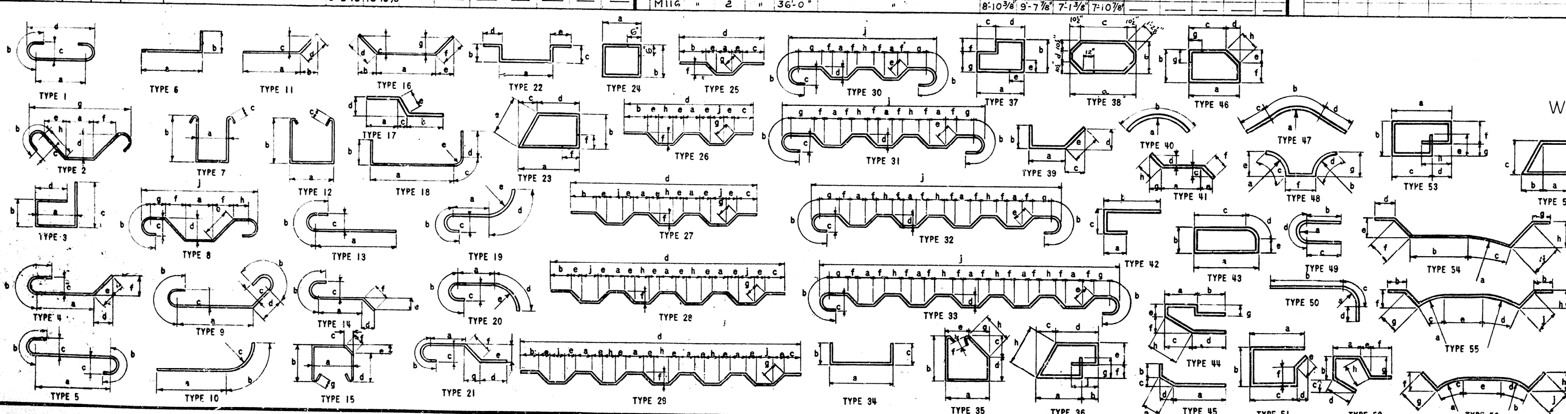
M113	"	2	"	36'-2"	"	8'-10 3/4	9'-8 5/8"	7'-1 3/4"	7'-11 5/8"					
M114	"	2	"	36'-2"	"	8'-10 5/8	9'-8 3/8"	7'-1 5/8"	7'-11 3/8"					
M115	"	2	"	36'-1"	"	8'-10 1/2"	9'-8 1/8"	7'-1 1/2"	7'-11 1/8"					
M116	"	2	"	36'-0"	"	8'-10 3/8"	9'-7 7/8"	7'-1 3/8"	7'-10 7/8"					
M117	38	2	#5	35'-11"	COLUMN	8'-10 1/4"	9'-7 6/8"	7'-1 1/4"	7'-10 5/8					
M118	"	2	"	35'-11"	"	8'-10 1/8	9'-7 3/8"	7'-1 1/8	7'-10 3/8					
M119	"	2	"	35'-10"	"	8'-10"	9'-7 1/8"	7'-1"	7'-10 1/8					
M120	"	2	"	35'-9"	"	8'-9 7/8"	9'-6 7/8	7'-0 7/8	7'-9 7/8"					
M121	"	2	"	35'-8"	"	8'-9 3/4	9'-6 5/8	7'-0 3/4	7'-9 5/8"					
M122	"	2	"	35'-8"	"	8'-9 5/8	9'-6 3/8	7'-0 5/8	7'-9 3/8					
M123	"	2	"	35'-7"	"	8'-9 1/2"	9'-6 1/8"	7'-0 1/2	7'-9 1/8"					
M124	"	2	"	35'-6"	"	8'-9 3/8"	9'-5 7/8"	7'-0 3/8"	7'-8 7/8					
M125	"	2	"	35'-5"	"	8'-9 1/4"	9'-5 5/8"	7'-0 1/4	7'-8 5/8"					
M126	"	2	"	35'-5"	"	8'-9 1/8"	9'-5 3/8	7'-0 1/8"	7'-8 3/8"					
M127	"	2	"	35'-4"	"	8'-9"	9'-5 1/8"	7'-0"	7'-8 1/8"					
M128	"	2	"	35'-3"	"	8'-8 7/8"	9'-4 7/8"	6'-11 7/8"	7'-7 7/8"					
M129	"	2	"	35'-2"	"	8'-8 3/4"	9'-4 5/8"	6'-11 3/4"	7'-7 5/8"					
M130	"	2	"	35'-2"	"	8'-8 5/8"	9'-4 3/8"	6'-11 5/8"	7'-7 3/8"					
M131	"	2	"	35'-1"	"	8'-8 1/2"	9'-4 1/8"	6'-11 1/2"	7'-7 1/8"					
M132	"	2	"	35'-0"	"	8'-8 3/8"	9'-3 7/8"	6'-11 3/8"	7'-6 7/8"					
M133	"	2	"	34'-11"	"	8'-8 1/4"	9'-3 5/8"	6'-11 1/4"	7'-6 5/8"					
M134	"	2	"	34'-11"	"	8'-8 1/8"	9'-3 3/8"	6'-11 1/8"	7'-6 3/8"					
M135	"	2	"	34'-10"	"	8'-8"	9'-3 1/8"	6'-11"	7'-6 1/8"					
M136	"	2	"	34'-9"	"	8'-7 7/8"	9'-2 7/8"	6'-10 7/8	7'-5 7/8"					
M137	"	2	"	34'-8"	"	8'-7 3/4"	9'-2 5/8"	6'-10 3/4	7'-5 5/8"					
M138	"	2	"	34'-8"	"	8'-7 5/8"	9'-2 3/8"	6'-10 5/8	7'-5 3/8"					
M139	"	2	"	34'-7"	"	8'-7 1/2"	9'-2 1/8"	6'-10 1/2	7'-5 1/8"					
M140	24	2	"	34'-3"	"	7'-7 3/8"	9'-1 7/8"							
M141	"	2	"	34'-2"	"	7'-7 1/4"	9'-1 5/8"							
M142	"	2	"	34'-2"	"	7'-7 1/8"	9'-1 3/8"							
M143	"	2	"	34'-1"	"	7'-7"	9'-1 1/8"							



PIER 1E

WORK SHEETS 6 & 7 TOGETHER

INTERSTATE OVER KENTUCKY RIVER (Eastbound) Sheet 7

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE - LEXINGTON - CATLETTSBURG
ROAD

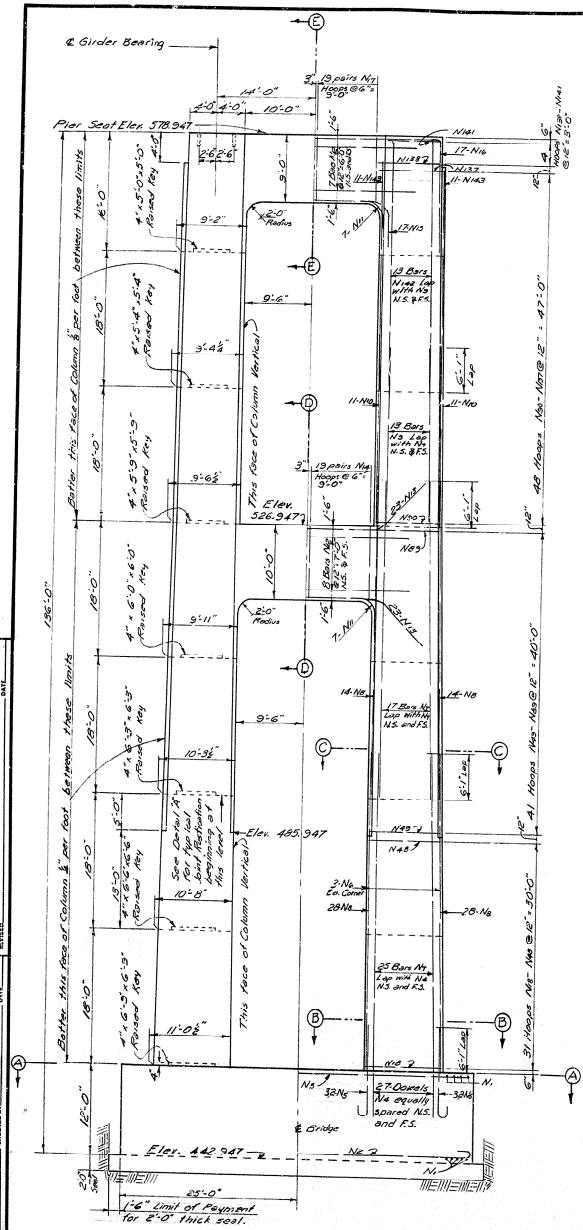
STATION 2503 + 91.08 EAST BOUND **PROJECT NO.** I64-4

BRIDGE NUMBER | DRAWING NO. 14060 | INDEX

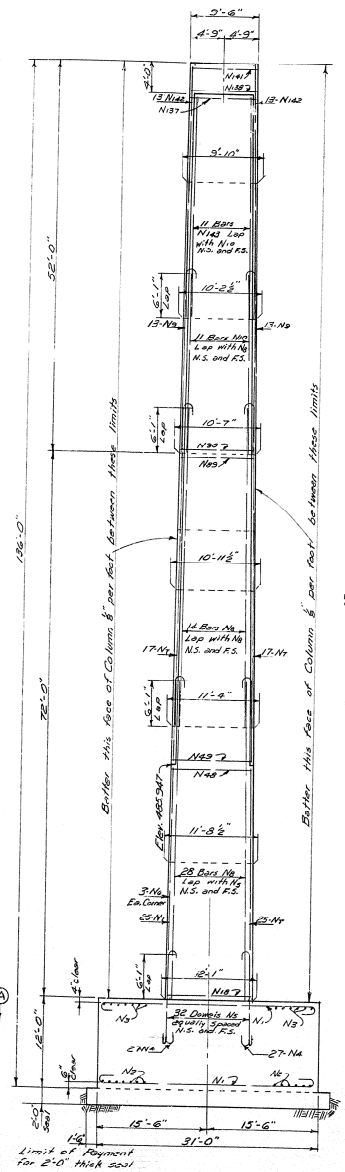
DETAILED BY F. G. Ellis
CHECKED BY C.E.W. DATE 7/59
TRACED BY
CHECKED BY DATE
REVISED DATE
REVISED DATE

BRIDGE

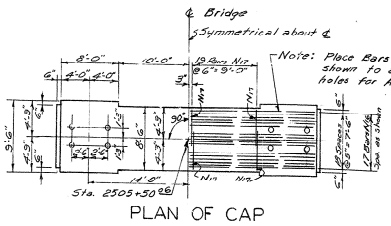
FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



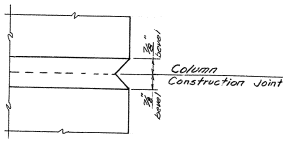
ELEVATION



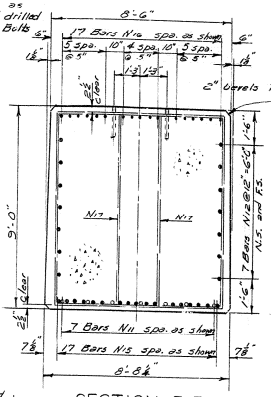
END ELEVATION



PLAN OF CAP



DETAIL A



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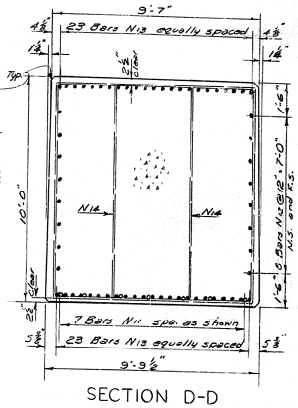

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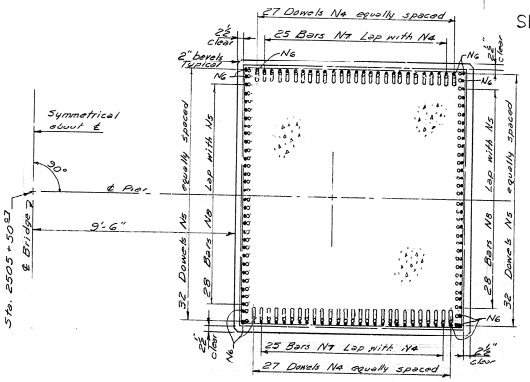

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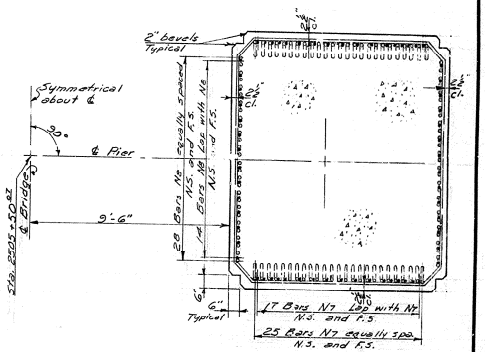

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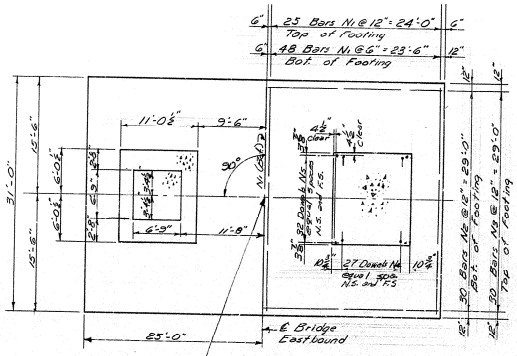


FOOTING PLAN A-A

ESTIMATE OF QUANTITIES

CONCRETE, CLASS "A"	1919.8 CU. YDS.
REINFORCEMENT	207,154 LBS.

DETAILS OF PIER 2E

WORK SHEETS 8 AND 9 TOGETHER

Interstate over KY. River (Eastbound) Sheet 8

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN

LOUISVILLE - LEXINGTON - CATLETTSBURG
ROAD
STATION 2503+91.08 Eastbound **PROJECT NO.** 164-4

BRIDGE NUMBER | DRAWING No. 13060 | INDEX

DESIGNED BY: [illegible] CHECKED BY: [illegible] DATE: [illegible]
DETAILED BY: [illegible] CHECKED BY: [illegible] DATE:
TRACED BY: CHECKED BY: DATE:
REVISED: DATE:
REVISED: DATE:
REVISED: DATE:

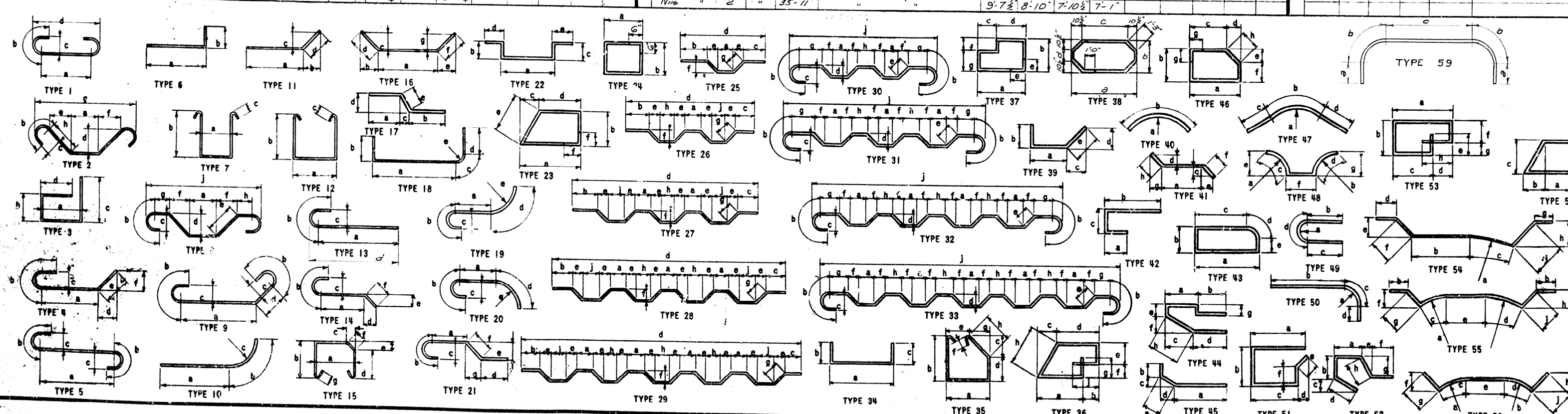
FED. ROAD DIST.	STATE	FED. AID PRO. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				

BILL OF REINFORCEMENT

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
N1	1	147	#11	33'-6"	Top and Bottom of Footing	29'-6"	2'-0"	1'-1¾"	30'-7¾"					
N2	1	30	"	52'-6"	Bottom of Footing	48'-6"	2'-0"	1'-1¾"	49'-7¾"					
N3	Str.	30	"	49'-8"	Top " "									
N4	1	108	"	16'-1"	Footing Dowels	12'-1"	2'-0"	1'-1¾"	13'-2¾"					
N5	13	128	"	14'-1"	" "	12'-1"	2'-0"	1'-1¾"	12'-7⅞"					
N6	Str.	24	"	30'-10"	Lower Columns - Corners									
N7	13	168	"	44'-1"	Columns - Vertical	42'-1"	2'-0"	1'-1¾"	42'-7⅞"					
N8	Str.	168	"	42'-1"	" "									
N9	13	52	"	26'-1"	" "	24'-1"	2'-0"	1'-1¾"	24'-7⅞"					
N10	Str.	44	"	24'-1"	" "									
N11	50	28	#8	10'-3"	Curved Soffit of Struts	2'-3⅛"	3'-4"	3'-7⅜"	3'-4"					
N12	Str.	30	"	28'-0"	Struts - Horizontal									
N13	16	46	#11	38'-0"	Middle Strut - Top and Bot.	20'-0"	6'-4⅜"	6'-4⅜"	9'-0"	6'-4⅜"	9'-0"	6'-4⅜"		
N14	24	76	#5	32'-7"	" " Hoops	6'-4"	9'-7"							
N15	59	17	#11	36'-7"	Top Strut - Bottom	4'-8"	3'-7½"	20'-0"	2'-3"					
N16	53	17	"	60'-0"	" " Top	11'-10½"	1'-0"	34'-3"	0'-7"					
N17	24	76	#5	27'-7"	" " Hoops	4'-10"	8'-7"							
N18	24	2	"	45'-4"	Column Hoops	11'-8"	10'-7¼"							
N19	"	2	"	45'-3"	" "	11'-7¾"	10'-7"							
N20	"	2	"	45'-2"	" "	11'-7½"	10'-6¾"							
N21	"	2	"	45'-1"	" "	11'-7¼"	10'-6½"							
N22	"	2	"	45'-0"	" "	11'-7"	10'-6¼"							
N23	"	2	"	44'-11"	" "	11'-6¾"	10'-6"							
N24	"	2	"	44'-10"	" "	11'-6½"	10'-5¾"							
N25	"	2	"	44'-9"	" "	11'-6¼"	10'-5½"							
N26	"	2	"	44'-8"	" "	11'-6"	10'-5¼"							
N27	"	2	"	44'-7"	" "	11'-5¾"	10'-5"							
N28	"	2	"	44'-6"	" "	11'-5½"	10'-4¾"							
N29	"	2	"	44'-5"	" "	11'-5¼"	10'-4½"							
N30	"	2	"	44'-4"	" "	11'-5"	10'-4¼"							
N31	"	2	"	44'-3"	" "	11'-4¾"	10'-4"							
N32	"	2	"	44'-2"	" "	11'-4½"	10'-3¾"							
N33	"	2	"	44'-1"	" "	11'-4¼"	10'-3½"							
N34	"	2	"	44'-0"	" "	11'-4"	10'-3¼"							
N35	"	2	"	43'-11"	" "	11'-3¾"	10'-3"							
N36	"	2	"	43'-10"	" "	11'-3½"	10'-2¾"							
N37	"	2	"	43'-9"	" "	11'-3¼"	10'-2½"							
N38	"	2	"	43'-8"	" "	11'-3"	10'-2¼"							
N39	"	2	"	43'-7"	" "	11'-2¾"	10'-2"							
N40	"	2	"	43'-6"	" "	11'-2½"	10'-1¾"							
N41	"	2	"	43'-5"	" "	11'-2¼"	10'-1½"							
N42	"	2	"	43'-4"	" "	11'-2"	10'-1¼"							
N43	"	2	"	43'-3"	" "	11'-1¾"	10'-1"							
N44	"	2	"	43'-2"	" "	11'-1½"	10'-0¾"							
N45	"	2	"	43'-1"	" "	11'-1¼"	10'-0½"							
N46	"	2	"	43'-0"	" "	11'-1"	10'-0¼"							
N47	"	2	"	42'-11"	" "	11'-0¾"	10'-0"							
N48	24	2	"	42'-10"	" "	11'-0½"	9'-11¾"							
N49	38	2	"	41'-0"	" "	11'-0¼"	9'-11½"	9'-3¼"	8'-2½"					
N50	"	2	"	40'-11"	" "	11'-0"	9'-11¼"	9'-3"	8'-2¼"					
N51	"	2	"	40'-10"	" "	10'-11¾"	9'-11"	9'-2¾"	8'-2"					
N52	"	2	"	40'-9"	" "	10'-11½"	9'-10¾"	9'-2½"	8'-1¾"					
N53	"	2	"	40'-8"	" "	10'-11¼"	9'-10½"	9'-2¼"	8'-1½"					
N54	"	2	"	40'-7"	" "	10'-11"	9'-10¼"	9'-2"	8'-1¼"					
N55	"	2	"	40'-6"	" "	10'-10¾"	9'-10"	9'-1¾"	8'-1"					
N56	"	2	"	40'-5"	" "	10'-10½"	9'-9¾"	9'-1½"	8'-0¾"					
N57	"	2	"	40'-4"	" "	10'-10¼"	9'-9½"	9'-1¼"	8'-0½"					
N58	"	2	"	40'-3"	" "	10'-10"	9'-9¼"	9'-1"	8'-0¼"					

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
N59	38	2	#5	40'-2"	Column Hoops	10'-9¾"	9'-9"	9'-0¾"	8'-0"					
N60	"	2	"	40'-1"	" "	10'-9½"	9'-8¾"	9'-0½"	7'-11¾"					
N61	"	2	"	40'-0"	" "	10'-9¼"	9'-8½"	9'-0¼"	7'-11½"					
N62	"	2	"	39'-11"	" "	10'-9"	9'-8¼"	9'-0"	7'-11¼"					
N63	"	2	"	39'-10"	" "	10'-8¾"	9'-8"	8'-11¾"	7'-11"					
N64	"	2	"	39'-9"	" "	10'-8½"	9'-7¾"	8'-11½"	7'-10¾"					
N65	"	2	"	39'-8"	" "	10'-8¼"	9'-7½"	8'-11¼"	7'-10½"					
N66	"	2	"	39'-7"	" "	10'-8"	9'-7¼"	8'-11"	7'-10¼"					
N67	"	2	"	39'-6"	" "	10'-7¾"	9'-7"	8'-10¾"	7'-10"					
N68	"	2	"	39'-5"	" "	10'-7½"	9'-6¾"	8'-10½"	7'-9¾"					
N69	"	2	"	39'-4"	" "	10'-7¼"	9'-6½"	8'-10¼"	7'-9½"					
N70	"	2	"	39'-3"	" "	10'-7"	9'-6¼"	8'-10"	7'-9¼"					
N71	"	2	"	39'-2"	" "	10'-6¾"	9'-6"	8'-9¾"	7'-9"					
N72	"	2	"	39'-1"	" "	10'-6½"	9'-5¾"	8'-9½"	7'-8¾"					
N73	"	2	"	39'-0"	" "	10'-6¼"	9'-5½"	8'-9¼"	7'-8½"					
N74	"	2	"	38'-11"	" "	10'-6"	9'-5¼"	8'-9"	7'-8¼"					
N75	"	2	"	38'-10"	" "	10'-5¾"	9'-5"	8'-8¾"	7'-8"					
N76	"	2	"	38'-9"	" "	10'-5½"	9'-4¾"	8'-8½"	7'-7¾"					
N77	"	2	"	38'-8"	" "	10'-5¼"	9'-4½"	8'-8¼"	7'-7½"					
N78	"	2	"	38'-7"	" "	10'-5"	9'-4¼"	8'-8"	7'-7¼"					
N79	"	2	"	38'-6"	" "	10'-4¾"	9'-4"	8'-7¾"	7'-7"					
N80	"	2	"	38'-5"	" "	10'-4½"	9'-3¾"	8'-7½"	7'-6¾"					
N81	"	2	"	38'-4"	" "	10'-4¼"	9'-3½"	8'-7¼"	7'-6½"					
N82	"	2	"	38'-3"	" "	10'-4"	9'-3¼"	8'-7"	7'-6¼"					
N83	"	2	"	38'-2"	" "	10'-3¾"	9'-3"	8'-6¾"	7'-6"					
N84	"	2	"	38'-1"	" "	10'-3½"	9'-2¾"	8'-6½"	7'-5¾"					
N85	"	2	"	38'-0"	" "	10'-3¼"	9'-2½"	8'-6¼"	7'-5½"					
N86	"	2	"	37'-11"	" "	10'-3"	9'-2¼"	8'-6"	7'-5¼"					
N87	"	2	"	37'-10"	" "	10'-2¾"	9'-2"	8'-5¾"	7'-5"					
N88	"	2	"	37'-9"	" "	10'-2½"	9'-1¾"	8'-5½"	7'-4¾"					
N89	"	2	"	37'-8"	" "	10'-2¼"	9'-1½"	8'-5¼"	7'-4½"					
N90	"	2	"	37'-7"	" "	10'-2"	9'-1¼"	8'-5"	7'-4¼"					
N91	"	2	"	37'-6"	" "	10'-1¾"	9'-1⅛"	8'-4¾"	7'-4⅛"					
N92	"	2	"	37'-5"	" "	10'-1½"	9'-1"	8'-4½"	7'-4"					
N93	"	2	"	37'-4"	" "	10'-1¼"	9'-0⅞"	8'-4¼"	7'-3⅞"					
N94	"	2	"	37'-3"	" "	10'-1"	9'-0¾"	8'-4"	7'-3¾"					
N95	"	2	"	37'-3"	" "	10'-0¾"	9'-0⅝"	8'-3¾"	7'-3⅝"					
N96	"	2	"	37'-2"	" "	10'-0½"	9'-0½"	8'-3½"	7'-3½"					
N97	"	2	"	37'-1"	" "	10'-0¼"	9'-0⅜"	8'-3¼"	7'-3⅜"					
N98	"	2	"	37'-0"	" "	10'-0"	9'-0¼"	8'-3"	7'-3¼"					
N99	"	2	"	37'-0"	" "	9'-11¾"	9'-0⅛"	8'-2¾"	7'-3⅛"					
N100	"	2	"	36'-11"	" "	9'-11½"	9'-0"	8'-2½"	7'-3"					
N101	"	2	"	36'-10"	" "	9'-11¼"	8'-11⅞"	8'-2¼"	7'-2⅞"					
N102	"	2	"	36'-9"	" "	9'-11"	8'-11¾"	8'-2"	7'-2¾"					
N103	"	2	"	36'-9"	" "	9'-10¾"	8'-11⅝"	8'-1¾"	7'-2⅝"					
N104	"	2	"	36'-8"	" "	9'-10½"	8'-11½"	8'-1½"	7'-2½"					
N105	"	2	"	36'-7"	" "	9'-10¼"	8'-11⅜"	8'-1¼"	7'-2⅜"					
N106	"	2	"	36'-6"	" "	9'-10"	8'-11¼"	8'-1"	7'-2¼"					
N107	"	2	"	36'-6"	" "	9'-9¾"	8'-11⅛"	8'-0¾"	7'-2⅛"					
N108	"	2	"	36'-5"	" "	9'-9½"	8'-11"	8'-0½"	7'-2"					
N109	"	2	"	36'-4"	" "	9'-9¼"	8'-10⅞"	8'-0¼"	7'-1⅞"					
N110	"	2	"	36'-3"	" "	9'-9"	8'-10¾"	8'-0"	7'-1¾"					
N111	"	2	"	36'-3"	" "	9'-8¾"	8'-10⅝"	7'-11¾"	7'-1⅝"					
N112	"	2	"	36'-2"	" "	9'-8½"	8'-10½"	7'-11½"	7'-1½"					
N113	"	2	"	36'-1"	" "	9'-8¼"	8'-10⅜"	7'-11¼"	7'-1⅜"					
N114	"	2	"	36'-0"	" "	9'-8"	8'-10¼"	7'-11"	7'-1¼"					
N115	"	2	"	36'-0"	" "	9'-7¾"	8'-10⅛"	7'-10¾"	7'-1⅛"					
N116	"	2	"	35'-11"	" "	9'-7½"	8'-10"	7'-10½"	7'-1"					

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
N117	38	2	#5	35-10	Column - Hoops	9'-7¼"	8'-9⅞"	7'-10¼"	7'-0⅞"					
N118	"	2	"	35-9	" "	9'-7"	8'-9¾"	7'-10"	7'-0¾"					
N119	"	2	"	35-9	" "	9'-6¾"	8'-9⅝"	7'-9¾"	7'-0⅝"					
N120	"	2	"	35-8	" "	9'-6½"	8'-9½"	7'-9½"	7'-0½"					
N121	"	2	"	35-7	" "	9'-6¼"	8'-9⅜"	7'-9¼"	7'-0⅜"					
N122	"	2	"	35-6	" "	9'-6"	8'-9¼"	7'-9"	7'-0¼"					
N123	"	2	"	35-6	" "	9'-5¾"	8'-9⅛"	7'-8¾"	7'-0⅛"					
N124	"	2	"	35-5	" "	9'-5½"	8'-9"	7'-8½"	7'-0"					
N125	"	2	"	35-4	" "	9'-5¼"	8'-8⅞"	7'-8¼"	6'-11⅞"					
N126	"	2	"	35-3	" "	9'-5"	8'-8¾"	7'-8"	6'-11¾"					
N127	"	2	"	35-3	" "	9'-4¾"	8'-8⅝"	7'-7¾"	6'-11⅝"					
N128	"	2	"	35-2	" "	9'-4½"	8'-8½"	7'-7½"	6'-11½"					
N129	"	2	"	35-1	" "	9'-4¼"	8'-8⅜"	7'-7¼"	6'-11⅜"					
N130	"	2	"	35-0	" "	9'-4"	8'-8¼"	7'-7"	6'-11¼"					
N131	"	2	"	35-0	" "	9'-3¾"	8'-8⅛"	7'-6¾"	6'-11⅛"					
N132	"	2	"	34-11	" "	9'-3½"	8'-8"	7'-6½"	6'-11"					
N133	"	2	"	34-10	" "	9'-3¼"	8'-7⅞"	7'-6¼"	6'-10⅞"					
N134	"	2	"	34-9	" "	9'-3"	8'-7¾"	7'-6"	6'-10¾"					
N135	"	2	"	34-9	" "	9'-2¾"	8'-7⅝"	7'-5¾"	6'-10⅝"					
N136	"	2	"	34-8	" "	9'-2½"	8'-7½"	7'-5½"	6'-10½"					
N137	"	2	"	34-7	" "	9'-2¼"	8'-7⅜"	7'-5¼"	6'-10⅜"					
N138	24	2	"	34-1	" "	9'-2"	7'-6"							
N139	"	2	"	34-1	" "	9'-1¾"	7'-6"							
N140	"	2	"	34-0	" "	9'-1½"	7'-6"							
N141	"	2	"	34-0	" "	9'-1¼"	7'-6"							
N142	Str.	52	#11	33'-10"	Upper Column - Vertical									
N143	Str.	44	#11	29'-10"	" " "									



DETAILS OF PIER 2E

WORK SHEETS 8 AND 9 TOGETHER

Interstate Over KY. River (Eastbound) — *Sheet 9*

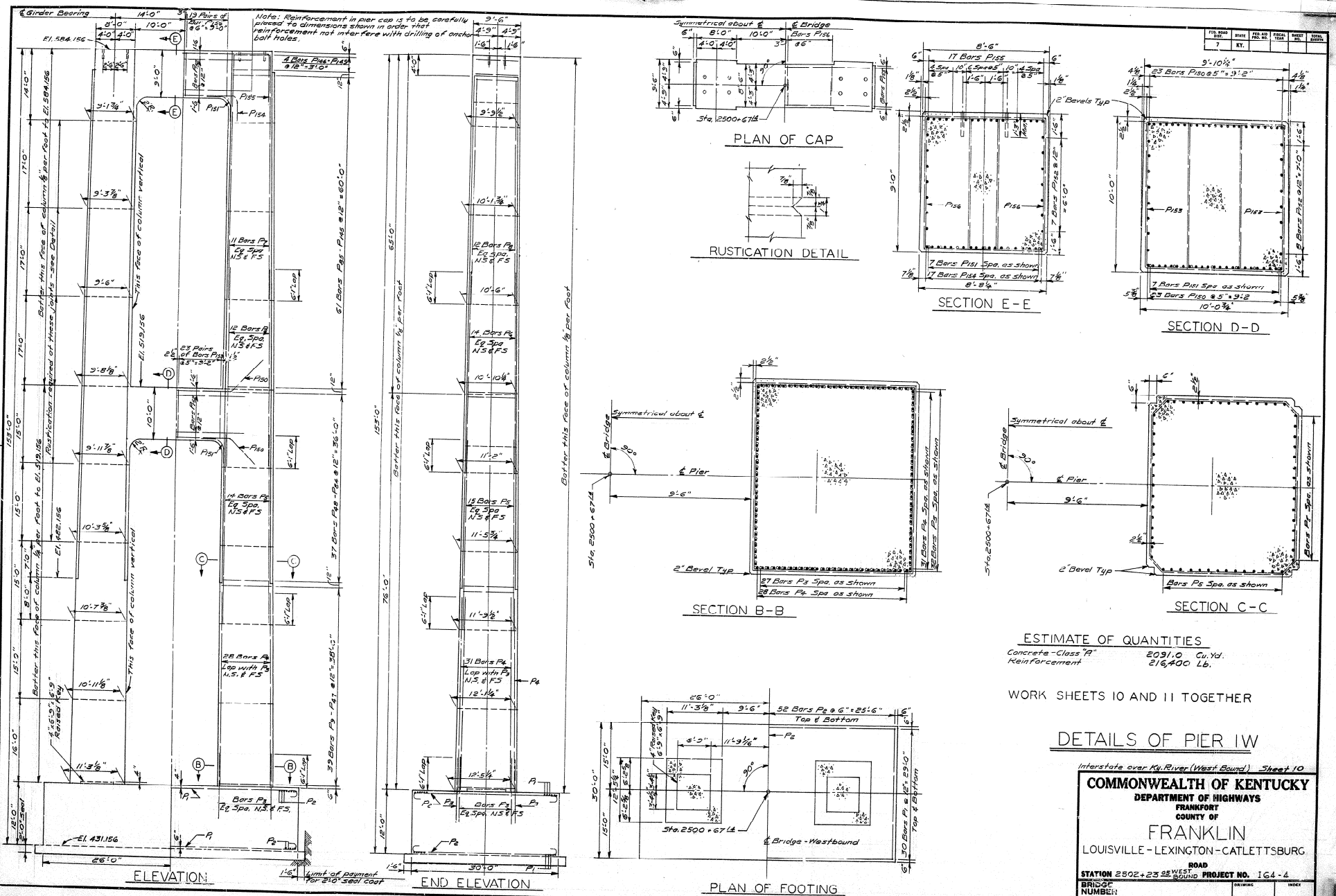
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD

STATION 2503+91.08 Eastbound **PROJECT NO.** I64-4

BRIDGE NUMBER — DRAWING NO. 14060 — INDEX

DETAILED BY 7-9-59 · TRACED BY · CHECKED BY · CHECKED BY · REVISED · REVISED · REVISED · DATE · DATE · DATE

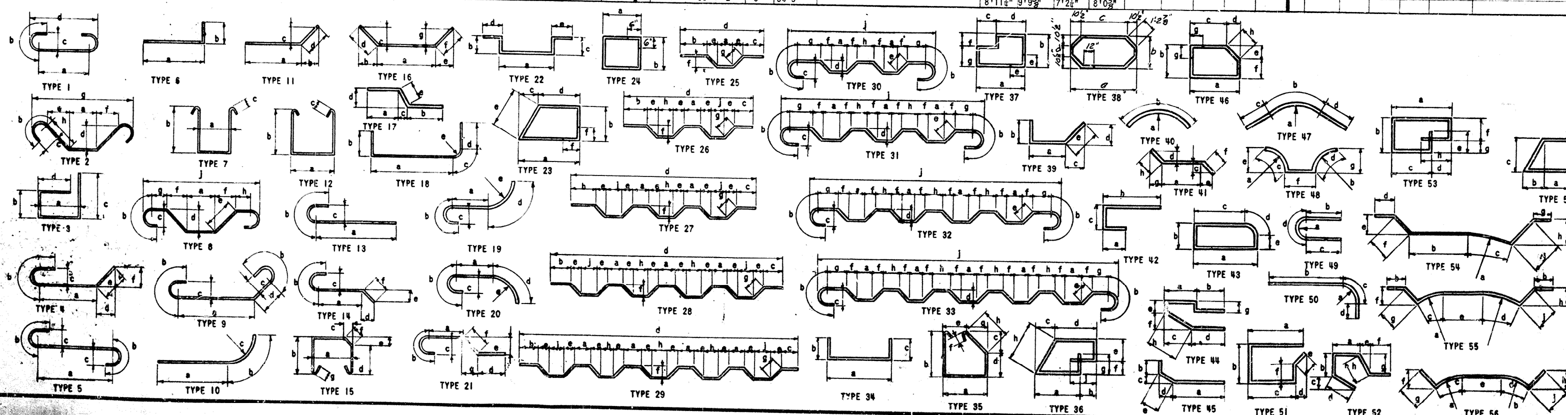
BRIDGE


℄ Girder Bearing
Note: Reinforcement in pier cap is to be carefully placed to dimensions shown in order that reinforcement not interfere with drilling of anchor bolt holes.
ELEVATION
END ELEVATION
PLAN OF CAP
RUSTICATION DETAIL
SECTION E-E
SECTION D-D
SECTION B-B
SECTION C-C
PLAN OF FOOTING
Sta. 2500+67 ℄
℄ Bridge - Westbound
Limit of payment for 2½" seal coat
Better this face of column ⅛" per foot to El. 519.156
This face of column vertical
Rustication required of these joints - see Detail
Symmetrical about ℄
℄ Bridge
℄ Pier
2" Bevel Typ
Top & Bottom
ESTIMATE OF QUANTITIES
Concrete - Class "A" 2091.0 Cu. Yd.
Reinforcement 216,400 Lb.
WORK SHEETS 10 AND 11 TOGETHER
DETAILS OF PIER 1W
Interstate over Ky. River (West Bound) Sheet 10
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE - LEXINGTON - CATLETTSBURG ROAD
STATION 2502+23.25 WEST BOUND PROJECT NO. I64-4
BRIDGE NUMBER
DRAWING NO. 14060
INDEX
FED. ROAD DIST. 7
STATE KY.
FED. AID PROJ. NO.
FISCAL YEAR
SHEET NO.
TOTAL SHEETS
DESIGNED BY G.A. Dodson
DETAILED BY G.A. Dodson
TRACED BY
CHECKED BY C. F. Pierce
CHECKED BY C. F. Pierce
CHECKED BY
DATE 6/57
REVISED

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

BILL OF REINFORCEMENT

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
P1	1	60	11	54'6"	FOOTING	50'6"	2'0"	1'1¾"	51'7¾"					
P2	1	206	11	32'6"	FOOTING	28'6"	2'0"	1'1¾"	29'7¾"					
P3	STR	236	11	12'2"	FOOTING									
P4	STR	236	11	37'1"	COLUMN									
P5	STR	116	11	36'1"	COLUMN									
P6	STR	104	11	38'1"	COLUMN									
P7	STR	44	11	47'9"	COLUMN									
P8	STR	48	11	43'9"	COLUMN									
P9	24	2	5	46'5"	COLUMN	10'10"	12'0⅛"							
P10	24	2	5	46'4"	COLUMN	10'9¾"	11'11⅞"							
P11	24	2	5	46'3"	COLUMN	10'9½"	11'11⅝"							
P12	24	2	5	46'2"	COLUMN	10'9¼"	11'11⅜"							
P13	24	2	5	46'1"	COLUMN	10'9"	11'11⅛"							
P14	24	2	5	46'0"	COLUMN	10'8¾"	11'10⅞"							
P15	24	2	5	45'11"	COLUMN	10'8½"	11'10⅝"							
P16	24	2	5	45'10"	COLUMN	10'8¼"	11'10⅜"							
P17	24	2	5	45'9"	COLUMN	10'8"	11'10⅛"							
P18	24	2	5	45'8"	COLUMN	10'7¾"	11'9⅞"							
P19	24	2	5	45'7"	COLUMN	10'7½"	11'9⅝"							
P20	24	2	5	45'6"	COLUMN	10'7¼"	11'9⅜"							
P21	24	2	5	45'5"	COLUMN	10'7"	11'9⅛"							
P22	24	2	5	45'4"	COLUMN	10'6¾"	11'8⅞"							
P23	24	2	5	45'3"	COLUMN	10'6½"	11'8⅝"							
P24	24	2	5	45'2"	COLUMN	10'6¼"	11'8⅜"							
P25	24	2	5	45'1"	COLUMN	10'6"	11'8⅛"							
P26	24	2	5	45'0"	COLUMN	10'5¾"	11'7⅞"							
P27	24	2	5	44'11"	COLUMN	10'5½"	11'7⅝"							
P28	24	2	5	44'10"	COLUMN	10'5¼"	11'7⅜"							
P29	24	2	5	44'9"	COLUMN	10'5"	11'7⅛"							
P30	24	2	5	44'8"	COLUMN	10'4¾"	11'6⅞"							
P31	24	2	5	44'7"	COLUMN	10'4½"	11'6⅝"							
P32	24	2	5	44'6"	COLUMN	10'4¼"	11'6⅜"							
P33	24	2	5	44'5"	COLUMN	10'4"	11'6⅛"							
P34	24	2	5	44'4"	COLUMN	10'3¾"	11'5⅞"							
P35	24	2	5	44'3"	COLUMN	10'3½"	11'5⅝"							
P36	24	2	5	44'2"	COLUMN	10'3¼"	11'5⅜"							
P37	24	2	5	44'1"	COLUMN	10'3"	11'5⅛"							
P38	24	2	5	44'0"	COLUMN	10'2¾"	11'4⅞"							
P39	24	2	5	43'11"	COLUMN	10'2½"	11'4⅝"							
P40	24	2	5	43'10"	COLUMN	10'2¼"	11'4⅜"							
P41	24	2	5	43'9"	COLUMN	10'2"	11'4⅛"							
P42	24	2	5	43'8"	COLUMN	10'1¾"	11'3⅞"							
P43	24	2	5	43'7"	COLUMN	10'1½	11'3⅝"							
P44	24	2	5	43'6"	COLUMN	10'1¼"	11'3⅜"							
P45	24	2	5	43'5"	COLUMN	10'1"	11'3⅛"							
P46	24	2	5	43'4"	COLUMN	10'0¾"	11'2⅞"							
P47	24	2	5	43'3"	COLUMN	10'0½"	11'2⅝"							
P48	38	2	5	41'4"	COLUMN	10'0¼"	11'2⅜"	8'3¼"	9'5⅜"					
P49	38	2	5	41'3"	COLUMN	10' 0"	11'2⅛"	8'3"	9'5⅛"					
P50	38	2	5	41'2"	COLUMN	9'11¾"	11'1⅞"	8'2¾"	9'4⅞"					
P51	38	2	5	41'1"	COLUMN	9'11½"	11'1⅝"	8'2½"	9'4⅝"					
P52	38	2	5	41'0"	COLUMN	9'11¼"	11'1⅜"	8'2¼"	9'4⅜"					
P53	38	2	5	40'11"	COLUMN	9'11"	11'1⅛"	8'2"	9'4⅛"					
P54	38	2	5	40'10"	COLUMN	9'10¾"	11'0⅞"	8'1¾"	9'3⅞"					
P55	38	2	5	40'9"	COLUMN	9'10½"	11'0⅝"	8'1½"	9'3⅝"					
P56	38	2	5	40'8"	COLUMN	9'10¼"	11'0⅜"	8'1¼"	9'3⅜"					
P57	38	2	5	40'7"	COLUMN	9'10"	11'0⅛"	8'1"	9'3⅛"					
P58	38	2	5	40'6"	COLUMN	9'9¾"	10'11⅞"	8'0¾"	9'2⅞"					
P59	38	2	5	40'5"	COLUMN	9'9½"	10'11⅝"	8'0½"	9'2⅝"					
P60	38	2	5	40'4"	"	9'9¼"	10'11⅜"	8'0¼"	9'2⅜"					
P61	38	2	5	40'3"	"	9'9"	10'11⅛"	8'0"	9'2⅛"					
P62	38	2	5	40'2"	"	9'8¾"	10'10⅞"	7'11¾"	9'1⅞"					
P63	38	2	5	40'1"	"	9'8½"	10'10⅝"	7'11½"	9'1⅝"					
P64	38	2	5	40'0"	"	9'8¼"	10'10⅜"	7'11¼"	9'1⅜"					
P65	38	2	5	39'11"	"	9'8"	10'10⅛"	7'11"	9'1⅛"					
P66	38	2	5	39'10"	"	9'7¾"	10'9⅞"	7'10¾"	9'0⅞"					
P67	38	2	5	39'9"	"	9'7½"	10'9⅝"	7'10½"	9'0⅝"					
P68	38	2	5	39'8"	"	9'7¼"	10'9⅜"	7'10¼"	9'0⅜"					
P69	38	2	5	39'7"	"	9'7"	10'9⅛"	7'10"	9'0⅛"					
P70	38	2	5	39'6"	"	9'6¾"	10'8⅞"	7'9¾"	8'11⅞"					
P71	38	2	5	39'5"	"	9'6½"	10'8⅝"	7'9½"	8'11⅝"					
P72	38	2	5	39'4"	"	9'6¼"	10'8⅜"	7'9¼"	8'11⅜"					
P73	38	2	5	39'3"	"	9'6"	10'8⅛"	7'9"	8'11⅛"					
P74	38	2	5	39'2"	"	9'5¾"	10'7⅞"	7'8¾"	8'10⅞"					
P75	38	2	5	39'1"	"	9'5½"	10'7⅝"	7'8½"	8'10⅝"					
P76	38	2	5	39' 0"	"	9'5¼"	10'7⅜"	7'8¼"	8'10⅜"					
P77	38	2	5	38'11"	"	9'5"	10'7⅛"	7'8"	8'10⅛"					
P78	38	2	5	38'10"	"	9'4¾"	10'6⅞"	7'7¾"	8'9⅞"					
P79	38	2	5	38'9"	"	9'4½"	10'6⅝"	7'7½"	8'9⅝"					
P80	38	2	5	38'8"	"	9'4¼"	10'6⅜"	7'7¼"	8'9⅜"					
P81	38	2	5	38'7"	"	9'4"	10'6⅛"	7'7"	8'9⅛"					
P82	38	2	5	38'6"	"	9'3¾"	10'5⅞"	7'6¾"	8'8⅞"					
P83	38	2	5	38'5"	"	9'3½"	10'5⅝"	7'6½"	8'8⅝"					
P84	38	2	5	38'4"	"	9'3¼"	10'5⅜"	7'6¼"	8'8⅜"					
P85	38	2	5	38'4'	"	9'3⅛"	10'5⅛'	7'6⅛"	8'8⅛"					
P86	38	2	5	38'3"	"	9'3'	10'4⅞"	7'6"	8'7⅞"					
P87	38	2	5	38'2"	"	9'2⅞"	10'4⅝"	7'5⅞"	8'7⅝"					
P88	38	2	5	38'2"	"	9'2¾"	10'4⅜"	7'5¾"	8'7⅜"					
P89	38	2	5	38'1"	"	9'[illegible]	10'4⅛"	7'5⅝"	8'7⅛"					
P90	38	2	5	38'0"	"	9'2½"	10'3⅞"	7'5½"	8'6⅞"					
P91	38	2	5	37'11"	"	9'2⅜"	10'3⅝"	7'5⅜"	8'6⅝"					
P92	38	2	5	37'11"	"	9'2¼"	10'3⅜"	7'5¼"	8'6⅜"					
P93	38	2	5	37'10"	"	9'2⅛"	10'3⅛"	7'5⅛"	8'6⅛"					
P94	38	2	5	37'9"	"	9'2"	10'2⅞"	7'5"	8'5⅞"					
P95	38	2	5	37'8"	"	9'1⅞"	10'2⅝"	7'4⅞"	8'5⅝"					
P96	38	2	5	37'8"	"	9'1¾"	10'2⅜"	7'4¾"	8'5⅜"					
P97	38	2	5	37'7"	"	9'1⅝"	10'2⅛"	7'4⅝"	8'5⅛"					
P98	38	2	5	37'6"	"	9'1½"	10'1⅞"	7'4½"	8'4⅞"					
P99	38	2	5	37'5"	"	9'1⅜"	10'1⅝"	7'4⅜"	8'4⅝"					
P100	38	2	5	37'5"	"	9'1¼"	10'1⅜"	7'4¼"	8'4⅜"					
P101	38	2	5	37'4"	"	9'1⅛"	10'1[illegible]	7'4⅛"	8'4⅛"					
P102	38	2	5	37'3"	"	9'1"	10'0⅞"	7'4"	8'3⅞"					
P103	38	2	5	37'2"	"	9'0⅞"	10'0⅝"	7'3⅞"	8'3⅝"					
P104	38	2	5	37'2"	"	9'0¾"	10'0⅜"	7'3¾"	8'3⅜"					
P105	38	2	5	37'1"	"	9'0⅝"	10'0⅛"	7'3⅝"	8'3⅛"					
P106	38	2	5	37'0"	"	9'0½"	9'11⅞"	7'3½"	8'2⅞"					
P107	38	2	5	36'11"	"	9'0⅜"	9'11⅝"	7'3⅜"	8'2⅝"					
P108	38	2	5	36'11"	"	9'0¼"	9'11⅜"	7'3¼"	8'2⅜"					
P109	38	2	5	36'10"	"	9'0⅛"	9'11⅛"	7'3⅛"	8'2⅛"					
P110	38	2	5	36'9"	"	9'0"	9'10⅞"	7'3"	8'1⅞"					
P111	38	2	5	36'8"	"	8'11⅞"	9'10⅝"	7'2⅞"	8'1⅝"					
P112	38	2	5	36'8"	"	8'11¾"	9'10⅜"	7'2¾"	8'1⅜"					
P113	38	2	5	36'7"	"	8'11⅝"	9'10⅛"	7'2⅝"	8'1⅛"					
P114	38	2	5	36'6"	"	8'11½"	9'9⅞"	7'2½"	8'0⅞"					
P115	38	2	5	36'5"	"	8'11⅜"	9'9⅝"	7'2⅜"	8'0⅝"					
P116	38	2	5	36'5"	"	8'11¼"	9'9⅜"	7'2¼"	8'0⅜"					
P117	38	2	5	36'4"	COLUMN	8'11⅛"	9'9⅛"	7'2⅛"	8'0⅛"					
P118	38	2	5	36'3"	"	8'11"	9'8⅞"	7'2"	7'11⅞"					
P119	38	2	5	36'2"	"	8'10⅞"	9'8⅝"	7'1⅞"	7'11⅝"					
P120	38	2	5	36'2"	"	8'10¾"	9'8⅜"	7'1¾"	7'11⅜"					
P121	38	2	5	36'1"	"	8'10⅝"	9'8⅛"	7'1⅝"	7'11⅛"					
P122	38	2	5	36'0"	"	8'10½"	9'7⅞"	7'1½"	7'10⅞"					
P123	38	2	5	35'11"	"	8'10⅜"	9'7⅝"	7'1⅜"	7'10⅝"					
P124	38	2	5	35'11"	"	8'10¼"	9'7⅜"	7'1¼"	7'10⅜"					
P125	38	2	5	35'10"	"	8'10⅛"	9'7⅛"	7'1⅛"	7'10⅛"					
P126	38	2	5	35'9"	"	8'10"	9'6⅞"	7'1"	7'9⅞"					
P127	38	2	5	35'8"	"	8'9⅞	9'6⅝"	7'0⅞"	7'9⅝"					
P128	38	2	5	35'8"	"	8'9¾"	9'6⅜"	7'0¾"	7'9⅜"					
P129	38	2	5	35'7"	"	8'9⅝"	9'6⅛"	7'0⅝"	7'9⅛"					
P130	38	2	5	35'6"	"	8'9½"	9'5⅞"	7'0½"	7'8⅞"					
P131	38	2	5	35'5"	"	8'9⅜"	9'5⅝"	7'0⅜"	7'8⅝"					
P132	38	2	5	35'5"	"	8'9¼"	9'5⅜"	7'0¼"	7'8⅜"					
P133	38	2	5	35'4"	"	8'9⅛"	9'5⅛"	7'0⅛"	7'8⅛"					
P134	38	2	5	35'3"	"	8'9"	9'4⅞"	7'0"	7'7⅞"					
P135	38	2	5	35'2"	"	8'8⅞"	9'4⅝"	6'11⅞"	7'7⅝"					
P136	38	2	5	35'2	"	8'8¾"	9'4⅜"	6'11¾"	7'7⅜"					
P137	38	2	5	35'1"	"	8'8⅝"	9'4⅛"	6'11⅝"	7'7⅛"					
P138	38	2	5	35'0"	"	8'8½"	9'3⅞"	6'11½"	7'6⅞"					
P139	38	2	5	34'11"	"	8'8⅜"	9'3⅝"	6'11⅜"	7'6⅝"					
P140	38	2	5	34'11"	"	8'8¼"	9'3⅜"	6'11¼"	7'6⅜"					
P141	38	2	5	34'10"	"	8'8⅛"	9'3⅛"	6'11⅛"	7'6⅛"					
P142	38	2	5	34'9"	"	8'8"	9'2⅞"	6'11"	7'5⅞"					
P143	38	2	5	34'8"	"	8'7⅞"	9'2⅝"	6'10⅞"	7'5⅝"					
P144	38	2	5	34'8"	"	8'7¾"	9'2⅜"	6'10¾"	7'5⅜"					
P145	38	2	5	34'7"	"	8'7⅝"	9'2⅛"	6'10⅝"	7'5⅛"					
P146	24	2	5	34'4"	"	7'7½"	9'1⅞"							
P147	24	2	5	34'3"	"	7'7⅜"	9'1⅝"							
P148	24	2	5	34'2"	"	7'7¼"	9'1⅜"							
P149	24	2	5	34'1"	"	7'7⅛"	9'1⅛"							
P150	16	46	11	38'0"	MIDDLE STRUT	20'0"	6'4⅜"	6'4⅜"	9'0"	6'4⅜"	9'0"	6'4⅜"		
P151	50	28	8	10'4"	STRUTS	2'3⅛"	3'4"	3'8⅛"	3'4"					
P152	STR	30	8	28'0"	"									
P153	24	92	5	32'8"	MIDDLE STRUT	6'4½"	9'7"							
P154	34	17	11	26'7"	TOP STRUT	21'0"	2'11"	2'11"						
P155	34	17	11	49'0"	" "	35'5"	6'11"	6'11"						
P156	24	76	5	27'8"	" "	4'10½"	8'7"							



PIER 1W

WORK SHEETS 10 & 11 TOGETHER

Interstate Over Ky. River (West Bound) — *Sheet 11*

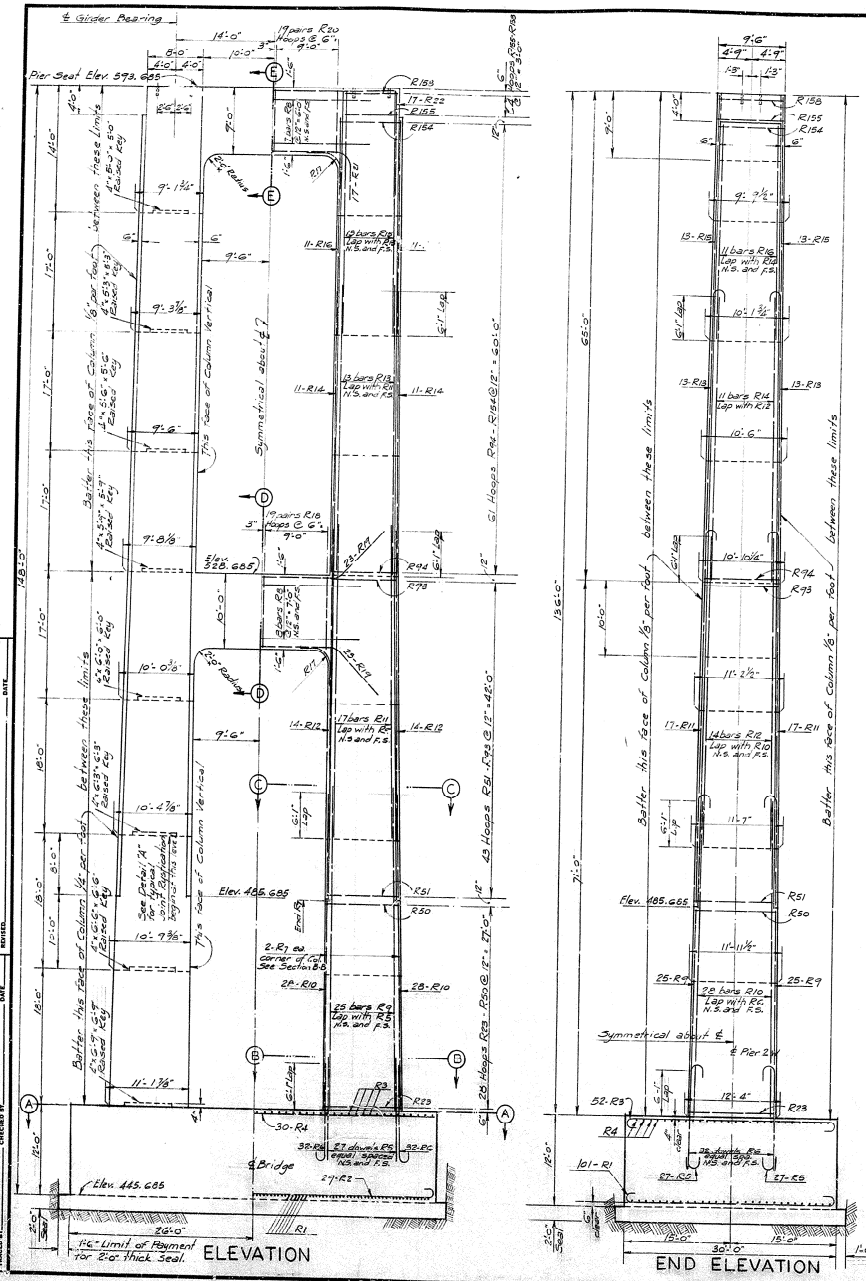
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE - LEXINGTON - CATLETTSBURG
ROAD
STATION 2502 + 23.05 WEST BOUND **PROJECT NO.** I64-4

BRIDGE NUMBER | DRAWING NO. 14060 | INDEX

TRACED BY | CHECKED BY | DATE | REVISED | DATE

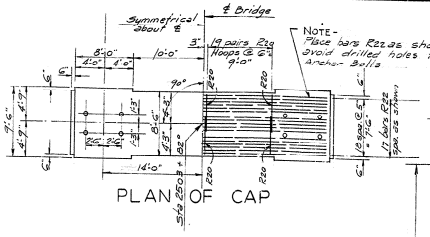
BRIDGE

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

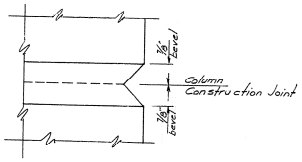


ELEVATION

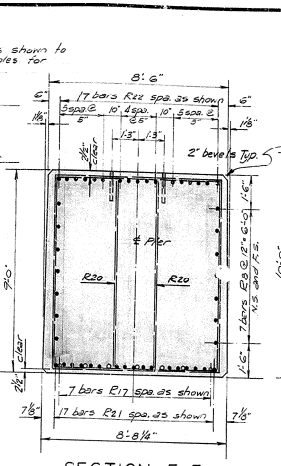
END ELEVATION



PLAN OF CAP



DETAIL A



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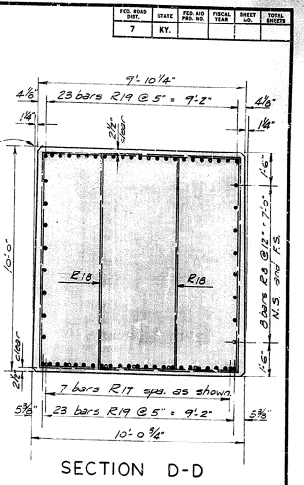

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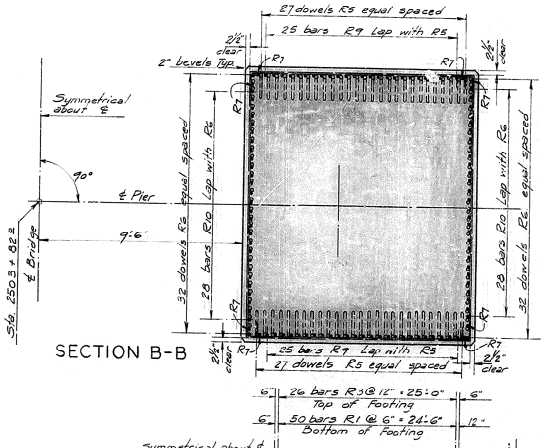

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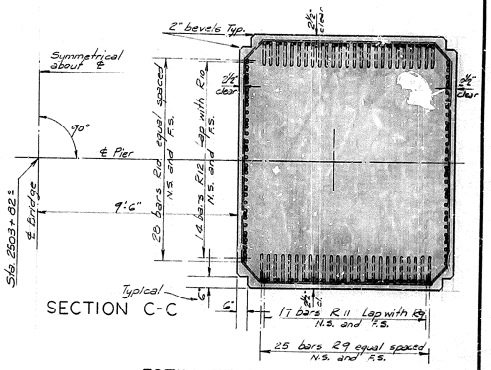

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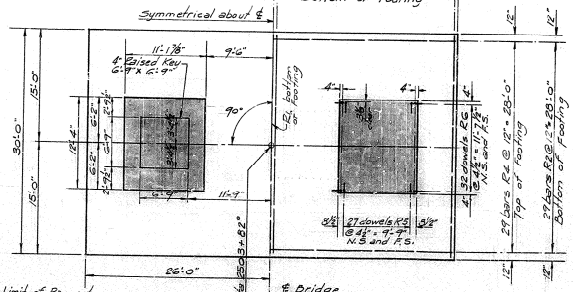


FOOTING PLAN A-A

ESTIMATE OF QUANTITIES

CONCRETE, CLASS "A"	2038.3 CU. YDS.
REINFORCEMENT	209,268 LBS.

DETAILS OF PIER 2W

WORK SHEETS 12 AND 13 TOGETHER

INTERSTATE OVER KY. RIVER (WESTBOUND) SHEET 12

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE - LEXINGTON - CATLETTSBURG

ROAD
STATION 2502 + 23.25 Westbound PROJECT NO. 164-4

BRIDGE NUMBER | DRAWING NO. 14060 | INDEX

DESIGNED BY: J. Wood | DATE: 7-23-59
DETAILED BY: | DATE:
TRACED BY: | DATE:
CHECKED BY: | DATE:
REVISED: | DATE:
REVISED: | DATE:
REVISED: | DATE:

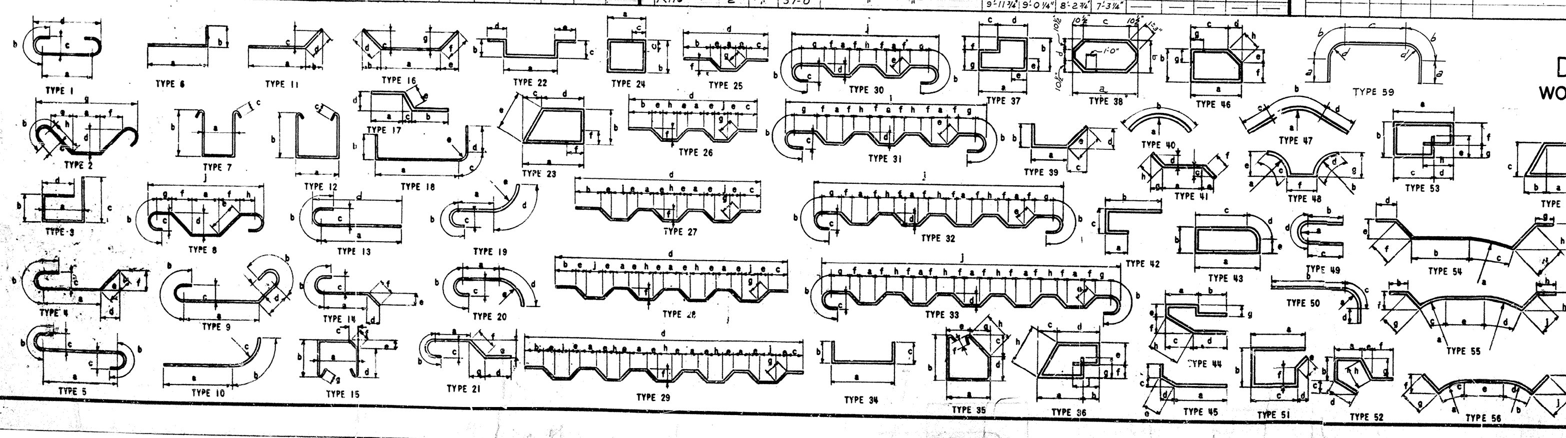
FED. ROAD DIST.	STATE	FED. AID PRO. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				

BILL OF REINFORCEMENT

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
R1	1	101	#11	32'-6"	BOTTOM OF FOOTING	28'-6"	2'-0"	1'-1 3/4"	29'-7 3/4"	—	—	—	—	—
R2	"	29	"	54'-6"	" " "	50'-6"	2'-0"	1'-1 3/4"	51'-7 3/4"	—	—	—	—	—
R3	"	52	#9	32'-1"	TOP OF FOOTING	28'-9"	1'-8"	0'-11 1/4"	29'-8 1/4"	—	—	—	—	—
R4	STR.	29	#11	51'-8"	" " "	—	—	—	—	—	—	—	—	—
R5	1	108	#11	16'-1"	COLUMN DOWELS	12'-1"	2'-0"	1'-1 3/4"	13'-2 3/4"	—	—	—	—	—
R6	13	128	"	14'-1"	" "	12'-1"	2'-0"	1'-1 3/4"	12'-7 7/8"	—	—	—	—	—
R7	STR.	16	"	27'-10"	CORNERS OF LOWER COL.	—	—	—	—	—	—	—	—	—
R8	"	30	#8	28'-0"	STRUTS, HORIZONTAL	—	—	—	—	—	—	—	—	—
R9	13	100	#11	44'-1"	COLUMN, VERTICAL	42'-1"	2'-0"	1'-1 3/4	42'-7 7/8"	—	—	—	—	—
R10	STR	112	"	42'-1"	" "	—	—	—	—	—	—	—	—	—
R11	13	68	"	43'-1"	" "	41'-1"	2'-0"	1'-1 3/4"	41'-7 7/8"	—	—	—	—	—
R12	STR	56	"	41'-1"	" "	—	—	—	—	—	—	—	—	—
R13	13	52	"	42'-1"	" "	40'-1"	2'-0"	1'-1 3/4"	40'-7 7/8"	—	—	—	—	—
R14	STR.	44	"	40'-1"	" "	—	—	—	—	—	—	—	—	—
R15	"	52	"	30'-9"	" "	—	—	—	—	—	—	—	—	—
R16	"	44	"	26'-9"	" "	—	—	—	—	—	—	—	—	—
R17	50	28	#8	9'-11"	CURVED SOFFIT OF STRUTS	2'-3 1/8"	3'-4"	3'-7 3/8"	3'-0"	—	—	—	—	—
R18	24	76	#5	32'-11"	HOOPS-MIDDLE STRUTS	6'-6"	9'-7"	0'-6"	—	—	—	—	—	—
R19	16	46	#11	38'-0"	TOP & BOTT.-MIDDLE STRUT	20'-0"	6'-4 3/8"	6'-4 3/8	9'-0"	6'-4 3/8"	9'-0"	6'-4 3/8"	—	—
R20	24	76	#5	27'-7"	HOOPS-TOP STRUT	4'-10"	8'-7"	0'-6"	—	—	—	—	—	—
R21	59	17	#11	33'-1"	BOTTOM OF TOP STRUT	2'-11"	3'-7 1/2	20'-0"	2'-3"	—	—	—	—	—
R22	"	17	"	60'-0"	TOP OF TOP STRUT	11'-10 1/2"	1'-0"	34'-3"	0'-7"	—	—	—	—	—
R23	24	2	#5	46'-1"	COLUMN HOOP	11'-11"	10'-8 3/4"	0'-6"	—	—	—	—	—	—
R24	"	2	"	46'-0"	" "	11'-10 3/4"	10'-8 1/2"	0'-6"	—	—	—	—	—	—
R25	"	2	"	45'-11"	" "	11'-10 1/2"	10'-8 1/4"	0'-6"	—	—	—	—	—	—
R26	"	2	"	45'-10	" "	11'-10 1/4"	10'-8"	0'-6"	—	—	—	—	—	—
R27	"	2	"	45'-9"	" "	11'-10"	10'-7 3/4"	0'-6"	—	—	—	—	—	—
R28	"	2	"	45'-8"	" "	11'-9 3/4"	10'-7 1/2"	0'-6"	—	—	—	—	—	—
R29	"	2	"	45'-7"	" "	11'-9 1/2"	10'-7 1/4"	0'-6"	—	—	—	—	—	—
R30	"	2	"	45'-6"	" "	11'-9 1/4"	10'-7"	0'-6"	—	—	—	—	—	—
R31	"	2	"	45'-5"	" "	11'-9"	10'-6 3/4"	0'-6"	—	—	—	—	—	—
R32	"	2	"	45-4	" "	11'-8 3/4"	10'-6 1/2"	0'-6"	—	—	—	—	—	—
R33	"	2	"	45'-3"	" "	11'-8 1/2"	10'-6 1/4"	0'-6"	—	—	—	—	—	—
R34	"	2	"	45'-2"	" "	11'-8 1/4"	10'-6"	0'-6"	—	—	—	—	—	—
R35	"	2	"	45'-1"	" "	11'-8"	10'-5 3/4"	0'-6"	—	—	—	—	—	—
R36	"	2	"	45'-0"	" "	11'-7 3/4"	10'-5 1/2"	0'-6"	—	—	—	—	—	—
R37	"	2	"	44'-11"	" "	11'-7 1/2"	10'-5 1/4"	0'-6"	—	—	—	—	—	—
R38	"	2	"	44'-10"	" "	11'-7 1/4"	10'-5"	0'-6"	—	—	—	—	—	—
R39	"	2	"	44'-9"	" "	11'-7"	10'-4 3/4"	0'-6"	—	—	—	—	—	—
R40	"	2	"	44'-8"	" "	11'-6 3/4"	10'-4 1/2"	0'-6"	—	—	—	—	—	—
R41	"	2	"	44'-7"	" "	11'-6 1/2"	10'-4 1/4"	0'-6"	—	—	—	—	—	—
R42	"	2	"	44'-6"	" "	11'-6 1/4"	10'-4"	0'-6"	—	—	—	—	—	—
R43	"	2	"	44'-5"	" "	11'-6"	10'-3 3/4"	0'-6"	—	—	—	—	—	—
R44	"	2	"	44'-4"	" "	11'-5 3/4"	10'-3 1/2"	0'-6"	—	—	—	—	—	—
R45	"	2	"	44'-3"	" "	11'-5 1/2"	10'-3 1/4"	0'-6"	—	—	—	—	—	—
R46	"	2	"	44'-2"	" "	11'-5 1/4"	10'-3"	0'-6"	—	—	—	—	—	—
R47	"	2	"	44'-1"	" "	11'-5"	10'-2 3/4"	0'-6"	—	—	—	—	—	—
R48	"	2	"	44'-0"	" "	11'-4 3/4"	10'-2 1/2"	0'-6"	—	—	—	—	—	—
R49	"	2	"	43'-11"	" "	11'-4 1/2"	10'-2 1/4"	0'-6"	—	—	—	—	—	—
R50	"	2	"	43'-10"	" "	11'-4 1/4"	10'-2"	0'-6"	—	—	—	—	—	—
R51	38	2	"	41'-11"	" "	11'-4"	10'-1 3/4"	9'-7"	8'-4 3/4"	—	—	—	—	—
R52	"	2	"	41'-10"	" "	11'-3 3/4"	10'-1 1/2"	9'-6 3/4"	8'-4 1/2"	—	—	—	—	—
R53	"	2	"	41'-9"	" "	11'-3 1/2"	10'-1 1/4"	9'-6 1/2"	8'-4 1/4"	—	—	—	—	—
R54	"	2	"	41'-8"	" "	11'-3 1/4"	10'-1"	9'-6 1/4"	8'-4"	—	—	—	—	—
R55	"	2	"	41'-7"	" "	11'-3"	10'-0 3/4"	9'-6"	8'-3 3/4"	—	—	—	—	—
R56	"	2	"	41'-6"	" "	11'-2 3/4"	10'-0 1/2"	9'-5 3/4"	8'-3 1/2"	—	—	—	—	—
R57	"	2	"	41'-5"	" "	11'-2 1/2"	10'-0 1/4"	9'-5 1/2"	8'-3 1/4"	—	—	—	—	—
R58	"	2	"	41-4	" "	11'-2 1/4"	10'-0"	9'-5 1/4"	8'-3"	—	—	—	—	—

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
R59	38	2	#5	41'-3"	COLUMN HOOP	11'-2"	9'-11 3/4"	9'-5	8'-2 3/4"	—	—	—	—	—
R60	"	2	"	41'-2"	" "	11'-1 3/4"	9'-11 1/2"	9'-4 3/4"	8'-2 1/2"	—	—	—	—	—
R61	"	2	"	41'-1"	" "	11'-1 1/2"	9'-11 1/4"	9'-4 1/2"	8'-2 1/4"	—	—	—	—	—
R62	"	2	"	41'-0"	" "	11'-1 1/4"	9'-11"	9'-4 1/4"	8'-2"	—	—	—	—	—
R63	"	2	"	40'-11"	" "	11'-1"	9'-10 3/4"	9'-4"	8'-1 3/4"	—	—	—	—	—
R64	"	2	"	40'-10"	" "	10'-0 3/4"	9'-10 1/2"	9'-3 3/4"	8'-1 1/2"	—	—	—	—	—
R65	"	2	"	40'-9"	" "	11'-0 1/2"	9'-10 1/4"	9'-3 1/2"	8'-1 1/4"	—	—	—	—	—
R66	"	2	"	40'-8"	" "	11'-0 1/4"	9'-10"	9'-3 1/4"	8'-1"	—	—	—	—	—
R67	"	2	"	40'-7"	" "	11'-0"	9'-9 3/4"	9'-3"	8'-0 3/4"	—	—	—	—	—
R68	"	2	"	40'-6"	" "	10'-11 3/4"	9'-9 1/2"	9'-2 3/4"	8'-0 1/2"	—	—	—	—	—
R69	"	2	"	40'-5"	" "	10'-11 1/2"	9'-9 1/4"	9'-2 1/2"	8'-0 1/4"	—	—	—	—	—
R70	"	2	"	40'-4"	" "	10'-11 1/4"	9'-9"	9'-2 1/4"	8'-0"	—	—	—	—	—
R71	"	2	"	40'-3"	" "	10'-11"	9'-8 3/4"	9'-2"	7'-11 3/4"	—	—	—	—	—
R72	"	2	"	40'-2"	" "	10'-10 3/4"	9'-8 1/2"	9'-1 3/4"	7'-11 1/2"	—	—	—	—	—
R73	"	2	"	40'-1"	" "	10'-10 1/2"	9'-8 1/4"	9'-1 1/2"	7'-11 1/4"	—	—	—	—	—
R74	"	2	"	40'-0"	" "	10'-10 1/4"	9'-8"	9'-1 1/4"	7'-11"	—	—	—	—	—
R75	"	2	"	39'-11"	" "	10'-10"	9'-7 3/4"	9'-1"	7'-10 3/4"	—	—	—	—	—
R76	"	2	"	39'-10"	" "	10'-9 3/4"	9'-7 1/2"	9'-0 3/4"	7'-10 1/2"	—	—	—	—	—
R77	"	2	"	39'-9"	" "	10'-9 1/2"	9'-7 1/4"	9'-0 1/2"	7'-10 1/4"	—	—	—	—	—
R78	"	2	"	39'-8"	" "	10'-9 1/4"	9'-7"	9'-0 1/4"	7'-10"	—	—	—	—	—
R79	"	2	"	39'-7"	" "	10'-9"	9'-6 3/4"	9'-0"	7'-9 3/4"	—	—	—	—	—
R80	"	2	"	39'-6"	" "	10'-8 3/4"	9'-6 1/2"	8'-11 3/4"	7'-9 1/2"	—	—	—	—	—
R81	"	2	"	39'-5"	" "	10'-8 1/2"	9'-6 1/4"	8'-11 1/2"	7'-9 1/4"	—	—	—	—	—
R82	"	2	"	39'-4"	" "	10'-8 1/4"	9'-6"	8'-11 1/4"	7'-9"	—	—	—	—	—
R83	"	2	"	39'-3"	" "	10'-8"	9'-5 3/4"	8'-11"	7'-8 3/4"	—	—	—	—	—
R84	"	2	"	39'-2"	" "	10'-7 3/4"	9'-5 1/2"	8'-10 3/4"	7'-8 1/2"	—	—	—	—	—
R85	"	2	"	39'-1"	" "	10'-7 1/2"	9'-5 1/4"	8'-10 1/2"	7'-8 1/4"	—	—	—	—	—
R86	"	2	"	39'-0"	" "	10'-7 1/4"	9'-5"	8'-10 1/4"	7'-8"	—	—	—	—	—
R87	"	2	"	38'-11"	" "	10'-7"	9'-4 3/4"	8'-10"	7'-7 3/4"	—	—	—	—	—
R88	"	2	"	38'-10"	" "	10'-6 3/4"	9'-4 1/2"	8'-9 3/4"	7'-7 1/2"	—	—	—	—	—
R89	"	2	"	38'-9"	" "	10'-6 1/2"	9'-4 1/4"	8'-9 1/2"	7'-7 1/4"	—	—	—	—	—
R90	"	2	"	38'-8"	" "	[illegible]	9'-4"	8'-9 1/4"	7'-7"	—	—	—	—	—
R91	"	2	"	38'-7"	" "	10'-6"	9'-3 3/4"	8'-9"	7'-6 3/4"	—	—	—	—	—
R92	"	2	"	38'-6"	" "	10'-5 3/4"	9'-3 1/2"	8'-8 3/4"	7'-6 1/2"	—	—	—	—	—
R93	"	2	"	38'-5"	" "	10'-5 1/2"	9'-3 1/4"	8'-8 1/2"	7'-6 1/4"	—	—	—	—	—
R94	"	2	"	38'-4"	" "	10'-5 1/4"	9'-3"	8'-8 1/4"	7'-6"	—	—	—	—	—
R95	"	2	"	38'-3"	" "	10'-5"	9'-2 7/8"	8'-8"	7'-5 7/8"	—	—	—	—	—
R96	"	2	"	38'-3"	" "	10'-4 3/4"	9'-2 3/4"	8'-7 3/4"	7'-5 3/4"	—	—	—	—	—
R97	"	2	"	38'-2"	" "	10'-4 1/2"	9'-2 5/8"	8'-7 1/2"	7'-5 5/8"	—	—	—	—	—
R98	"	2	"	38'-1"	" "	10'-4 1/4"	9'-2 1/2"	8'-7 1/4"	7'-5 1/2"	—	—	—	—	—
R99	"	2	"	38'-0"	" "	10'-4"	9'-2 3/8"	8'-7"	7'-5 3/8"	—	—	—	—	—
R100	"	2	"	38'-0"	" "	10'-3 3/4"	9'-2 1/4"	8'-6 3/4"	7'-5 1/4"	—	—	—	—	—
R101	"	2	"	37'-11"	" "	10'-3 1/2"	9'-2 1/8"	8'-6 1/2"	7'-5 1/8"	—	—	—	—	—
R102	"	2	"	37'-10"	" "	10'-3 1/4"	9'-2"	8'-6 1/4"	7'-5"	—	—	—	—	—
R103	"	2	"	37'-9"	" "	10'-3"	9'-1 7/8"	8'-6"	7'-4 7/8"	—	—	—	—	—
R104	"	2	"	37'-9"	" "	10'-2 3/4"	9'-1 3/4"	8'-5 3/4"	7'-4 3/4"	—	—	—	—	—
R105	"	2	"	37'-8"	" "	10'-2 1/2"	9'-1 5/8"	8'-5 1/2"	7'-4 5/8"	—	—	—	—	—
R106	"	2	"	37'-7"	" "	10'-2 1/4"	9'-1 1/2"	8'-5 1/4"	7'-4 1/2"	—	—	—	—	—
R107	"	2	"	37'-6"	" "	10'-2"	9'-1 3/8"	8'-5"	7'-4 3/8"	—	—	—	—	—
R108	"	2	"	37'-6"	" "	10'-1 3/4"	9'-1 1/4"	8'-4 3/4"	7'-4 1/4"	—	—	—	—	—
R109	"	2	"	37'-5"	" "	10'-1 1/2"	9'-1 1/8"	8'-4 1/2"	7'-4 1/8"	—	—	—	—	—
R110	"	2	"	37'-4"	" "	10'-1 1/4"	9'-1"	8'-4 1/4"	7'-4"	—	—	—	—	—
R111	"	2	"	37'-3"	" "	10'-1"	9'-0 7/8"	8'-4"	7'-3 7/8"	—	—	—	—	—
R112	"	2	"	37'-3"	" "	10'-0 3/4"	9'-0 3/4	8'-3 3/4	7'-3 3/4"	—	—	—	—	—
R113	"	2	"	37'-2"	" "	10'-0 1/2"	9'-0 5/8"	8'-3 1/2"	7'-3 5/8"	—	—	—	—	—
R114	"	2	"	37'-1"	" "	10'-0 1/4"	9'-0 1/2"	8'-3 1/4"	7'-3 1/2"	—	—	—	—	—
R115	"	2	"	37'-0"	" "	10'-0"	9'-0 3/8"	8'-3"	7'-3 3/8"	—	—	—	—	—
R116	"	2	"	37'-0"	" "	9'-11 3/4"	9'-0 1/4"	8'-2 3/4"	7'-3 1/4"	—	—	—	—	—

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
R117	38	2	#5	36'-11"	COLUMN HOOP	9'-11 1/2"	9'-0 1/8"	8'-2 1/2"	7'-3 1/8"	—	—	—	—	—
R118	"	2	"	36'-10"	" "	9'-11 1/4"	9'-0"	8'-2 1/4"	7'-3"	—	—	—	—	—
R119	"	2	"	36'-9"	" "	9'-11"	8'-11 7/8"	8'-2"	7'-2 7/8"	—	—	—	—	—
R120	"	2	"	36'-9"	" "	9'-10 3/4"	8'-11 3/4"	8'-1 3/4"	7'-2 3/4"	—	—	—	—	—
R121	"	2	"	36'-8"	" "	9'-10 1/2"	8'-11 5/8"	8'-1 1/2"	7'-2 5/8"	—	—	—	—	—
R122	"	2	"	36'-7"	" "	9'-10 1/4"	8'-11 1/2"	8'-1 1/4"	7'-2 1/2"	—	—	—	—	—
R123	"	2	"	36'-6"	" "	9'-10"	8'-11 3/8"	8'-1"	7'-2 3/8"	—	—	—	—	—
R124	"	2	"	36'-6"	" "	9'-9 3/4"	8'-11 1/4"	8'-0 3/4"	7'-2 1/4"	—	—	—	—	—
R125	"	2	"	36'-5"	" "	9'-9 1/2"	8'-11 1/8"	8'-0 1/2"	7'-2 1/8"	—	—	—	—	—
R126	"	2	"	36'-4"	" "	9'-9 1/4"	8'-11"	8'-0 1/4"	7'-2"	—	—	—	—	—
R127	"	2	"	36'-3"	" "	9'-9"	8'-10 7/8"	8'-0"	7'-1 7/8"	—	—	—	—	—
R128	"	2	"	36'-3"	" "	9'-8 3/4"	8'-10 3/4"	7'-11 3/4"	7'-1 3/4"	—	—	—	—	—
R129	"	2	"	36'-2"	" "	9'-8 1/2"	8'-10 5/8"	7'-11 1/2"	7'-1 5/8"	—	—	—	—	—
R130	"	2	"	36'-1"	" "	9'-8 1/4"	8'-10 1/2"	7'-11 1/4"	7'-1 1/2"	—	—	—	—	—
R131	"	2	"	36'-0"	" "	9'-8"	8'-10 3/8"	7'-11"	7'-1 3/8"	—	—	—	—	—
R132	"	2	"	36'-0"	" "	9'-7 3/4"	8'-10 1/4"	7'-10 3/4"	7'-1 1/4"	—	—	—	—	—
R133	"	2	"	35'-11"	" "	9'-7 1/2"	8'-10 1/8"	7'-10 1/2"	7'-1 1/8"	—	—	—	—	—
R134	"	2	"	35'-10"	" "	9'-7 1/4"	8'-10"	7'-10 1/4"	7'-1"	—	—	—	—	—
R135	"	2	"	35'-9"	" "	9'-7"	8'-9 7/8"	7'-10"	7'-0 7/8"	—	—	—	—	—
R136	"	2	"	35'-9"	" "	9'-6 3/4"	8'-9 3/4"	7'-9 3/4"	7'-0 3/4"	—	—	—	—	—
R137	"	2	"	35'-8"	" "	9'-6 1/2"	8'-9 5/8"	7'-9 1/2"	7'-0 5/8"	—	—	—	—	—
R138	"	2	"	35'-7"	" "	9'-6 1/4"	8'-9 1/2"	7'-9 1/4"	7'-0 1/2"	—	—	—	—	—
R139	"	2	"	35'-6"	" "	9'-6"	8'-9 3/8"	7'-9"	7'-0 3/8"	—	—	—	—	—
R140	"	2	"	35'-6"	" "	9'-5 3/4"	8'-9 1/4"	7'-8 3/4"	7'-0 1/4"	—	—	—	—	—
R141	"	2	"	35'-5"	" "	9'-5 1/2"	8'-9 1/8"	7'-8 1/2"	7'-0 1/8"	—	—	—	—	—
R142	"	2	"	35'-4"	" "	9'-5 1/4"	8'-9"	7'-8 1/4"	7'-0"	—	—	—	—	—
R143	"	2	"	35'-3"	" "	9'-5"	8'-8 7/8"	7'-8"	6'-11 7/8"	—	—	—	—	—
R144	"	2	"	35'-3"	" "	9'-4 3/4"	8'-8 3/4"	7'-7 3/4"	6'-11 3/4"	—	—	—	—	—
R145	"	2	"	35'-2"	" "	9'-4 1/2"	8'-8 5/8"	7'-7 1/2"	6'-11 5/8"	—	—	—	—	—
R146	"	2	"	35'-1"	" "	9'-4 1/4"	8'-8 1/2"	7'-7 1/4"	6'-11 1/2"	—	—	—	—	—
R147	"	2	"	35'-0"	" "	9'-4"	8'-8 3/8"	7'-7"	6'-11 3/8"	—	—	—	—	—
R148	"	2	"	35'-0"	" "	9'-3 3/4"	8'-8 1/4"	7'-6 3/4"	6'-11 1/4"	—	—	—	—	—
R149	"	2	"	34'-11"	" "	9'-3 1/2"	8'-8 1/8"	7'-6 1/2"	6'-11 1/8"	—	—	—	—	—
R150	"	2	"	34'-10"	" "	9'-3 1/4"	8'-8"	7'-6 1/4"	6'-11"	—	—	—	—	—
R151	"	2	"	34'-9"	" "	9'-3"	8'-7 7/8"	7'-6"	6'-10 7/8"	—	—	—	—	—
R152	"	2	"	34'-9"	" "	9'-2 3/4"	8'-7 3/4"	7'-5 3/4"	6'-10 3/4"	—	—	—	—	—
R153	"	2	"	34'-8"	" "	9'-2 1/2"	8'-7 5/8"	7'-5 1/2"	6'-10 5/8"	—	—	—	—	—
R154	"	2	"	34'-7"	" "	9'-2 1/4"	8'-7 1/2"	7'-5 1/4"	6'-10 1/2"	—	—	—	—	—
R155	24	2	"	34'-1"	" "	9'-2"	7'-6"	0'-6"	—	—	—	—	—	—
R156	"	2	"	34'-1"	" "	9'-1 3/4"	7'-6"	0'-6"	—	—	—	—	—	—
R157	"	2	"	34'-0"	" "	9'-1 1/2"	7'-6"	0'-6"	—	—	—	—	—	—
R158	"	2	"	34'-0"	" "	9'-1 1/4"	7'-6"	0'-6"	—	—	—	—	—	—



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