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 ⅞" UNLESS OTHERWISE NOTED.

PILING — PILING SHALL BE DRIVEN TO SOLID ROCK OR TO SUSTAIN A MINIMUM LOAD OF 50 TONS PER PILE. TEST PILES SHALL BE DRIVEN WHERE DESIGNATED ON THE PLANS TO DETERMINE THE LENGTH REQUIRED. ALL TEST PILES SHALL BE ACCURATELY LOCATED SO THAT THEY MAY BE USED IN THE FINISHED STRUCTURE. 14BP73 STEEL PILES TO BE USED. SEE STANDARD DRAWING P18.

REFERENCES AND ESTIMATE OF QUANTITIES- ABUTMENTS 1E AND 1W ONLY

ITEM	SHEET NO.	CONCRETE CLASS A CU. YDS.	REINFORCEMENT LBS.			14BP73 STEEL PILES FURNISH LIN. FT.	14BP73 STEEL PILES DRIVE LIN. FT.
TITLE SHEET & ESTIMATE OF QUANTITIES	1	—	—	—	—		
LAYOUT, PLAN	2	—	—	—	—		
LAYOUT, ELEVATION	3	—	—	—	—		
SOUNDINGS	4 & 5	—	—	—	—		
ABUTMENT 1E	6,7&8	764.5	73818			12240	12240
ABUTMENT 1W	9,10&11	764.5	73818			15300	15300
PILE RECORD-EASTBOUND	12						
PILE RECORD-WESTBOUND	13						
14 BP 73 STEEL PILES	P18						
TOTALS		1529.0	147636			27540	27540

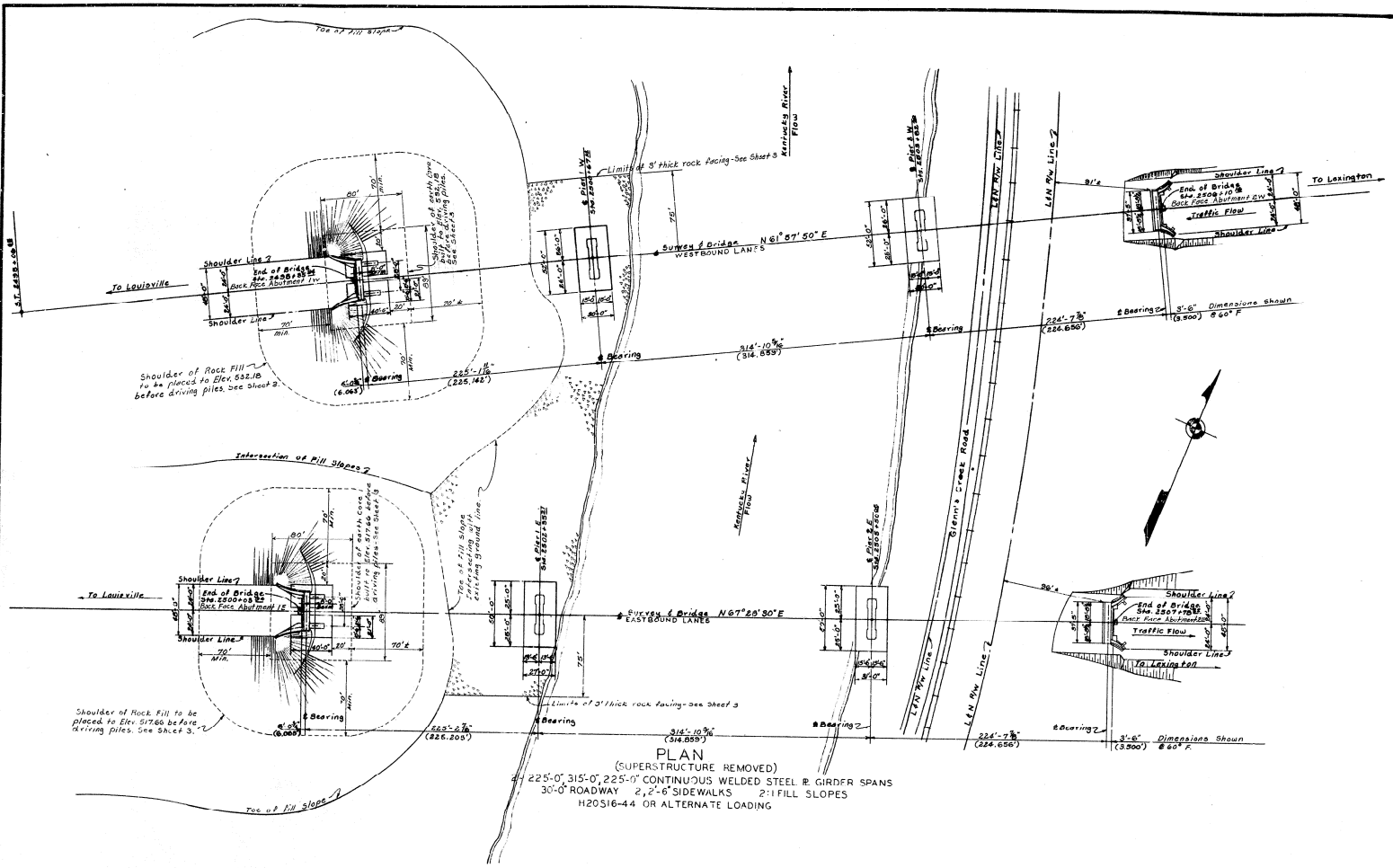
P18

INTERSTATE OVER KY RIVER — SHEET 1 OF 13

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2603+81.50 (EASTBOUND) 2602+63.67 (WESTBOUND) PROJECT NO. IG4-4(3)32
BRIDGE NUMBER
EFFECTIVE 10/14/83

DESIGNED BY E.G. Cook — CHECKED BY — REVISED — DATE
DETAILED BY — CHECKED BY — REVISED — DATE
TRACED BY — CHECKED BY — REVISED — DATE

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



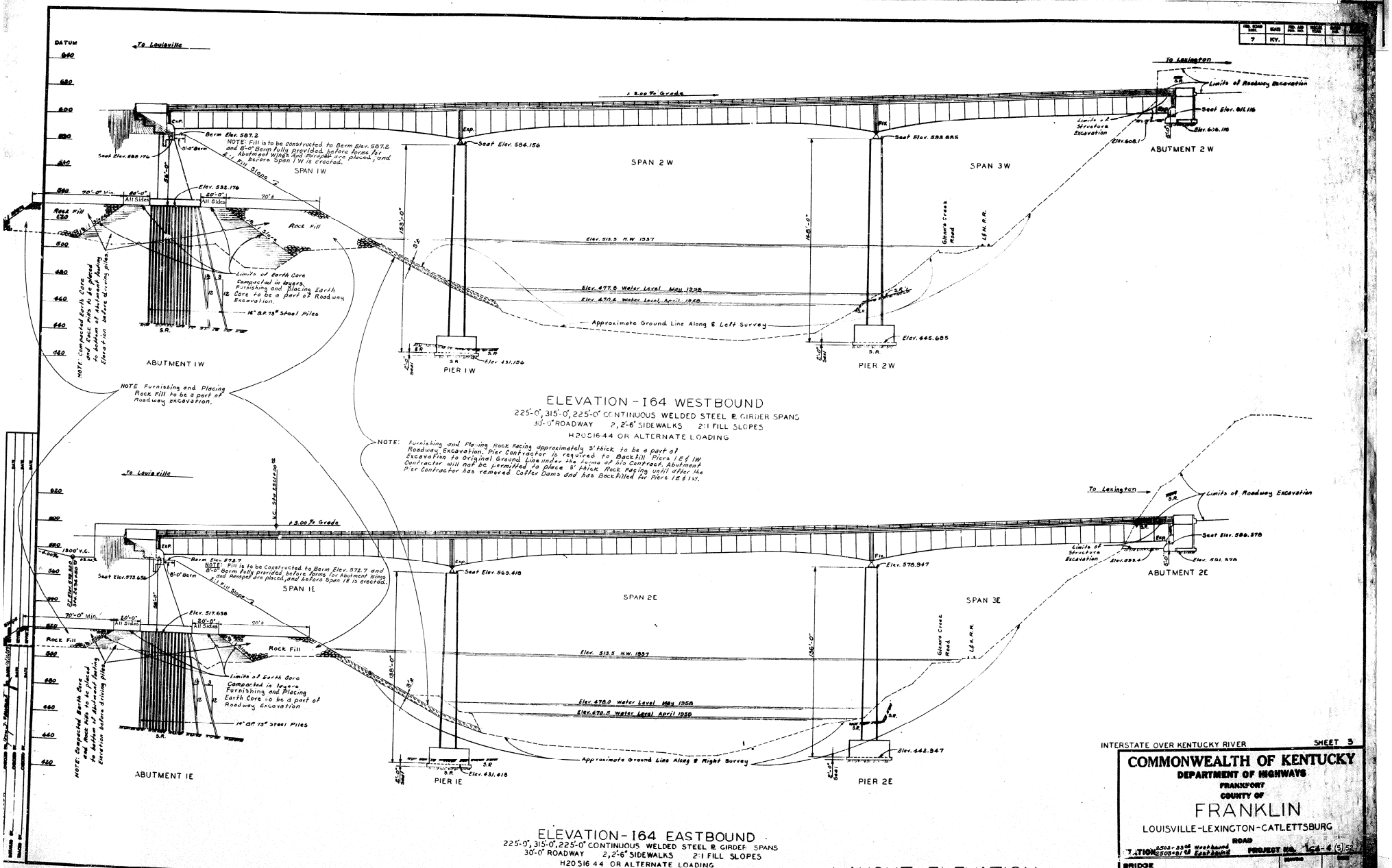
PLAN
(SUPERSTRUCTURE REMOVED)
225'-0", 315'-0", 225'-0" CONTINUOUS WELDED STEEL ℞ GIRDER SPANS
30'-0" ROADWAY 2, 2'-6" SIDEWALKS 2:1 FILL SLOPES
H20S16-44 OR ALTERNATE LOADING

LAYOUT - PLAN

INTERSTATE OVER KENTUCKY RIVER SHEET 2

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE - LEXINGTON - CATLETTSBURG
ROAD
STATION: 2503+25.18 Westbound, 2502+51.18 Eastbound
PROJECT NO. I66-4 (9) 52
BRIDGE NUMBER
DRAWING NO. 16183

DESIGNED W. C. G. BARR CHECKED BY
DRAWN BY CHECKED BY
TRACED BY CHECKED BY
DATE
REVISED



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
H20S16 44 OR ALTERNATE LOADING

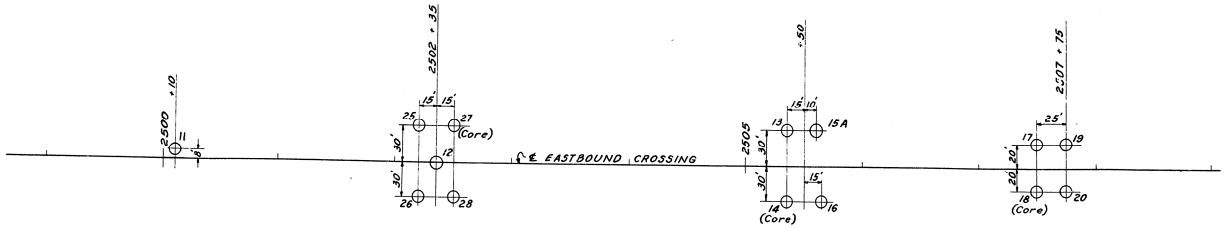
ELEVATION - I64 EASTBOUND
225'-0", 315'-0", 225'-0" CONTINUOUS WELDED STEEL ℞ GIRDER SPANS
30'-0" ROADWAY 2, 2'-6" SIDEWALKS 2:1 FILL SLOPES
H20S16 44 OR ALTERNATE LOADING

LAYOUT - ELEVATION

INTERSTATE OVER KENTUCKY RIVER SHEET 3

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2502+23.05 Westbound, 2503+81.95 Eastbound
PROJECT NO. 164-4(5)52
BRIDGE NUMBER
NO. 14183

SOUNDING LAYOUT

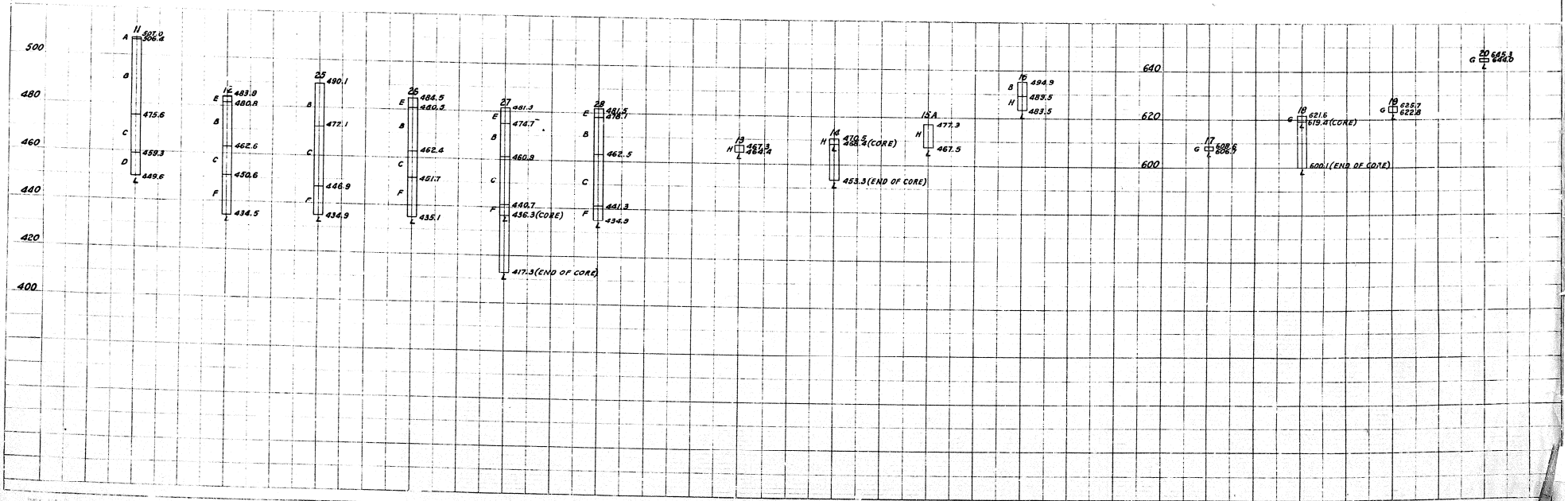


LEGEND

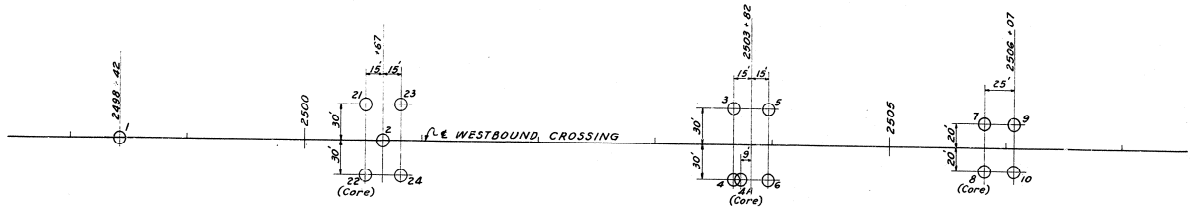
A = TOP SOIL
B = YELLOW SANDY CLAY
C = YELLOW SAND
D = BROWN SANDY CLAY & GRAVEL
E = YELLOW SANDY LOAM
F = YELLOW SAND & GRAVEL
G = BROWN CLAY
H = YELLOW SANDY CLAY & GRAVEL
L = LIMESTONE

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

SHEET 4



SOUNDING LAYOUT

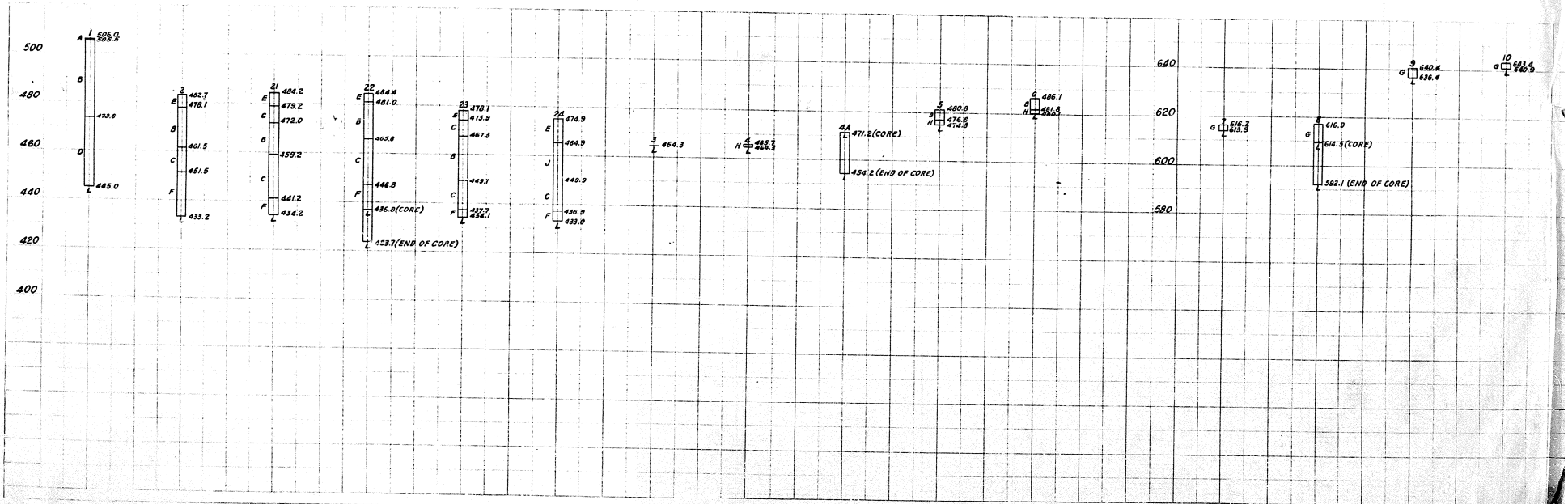


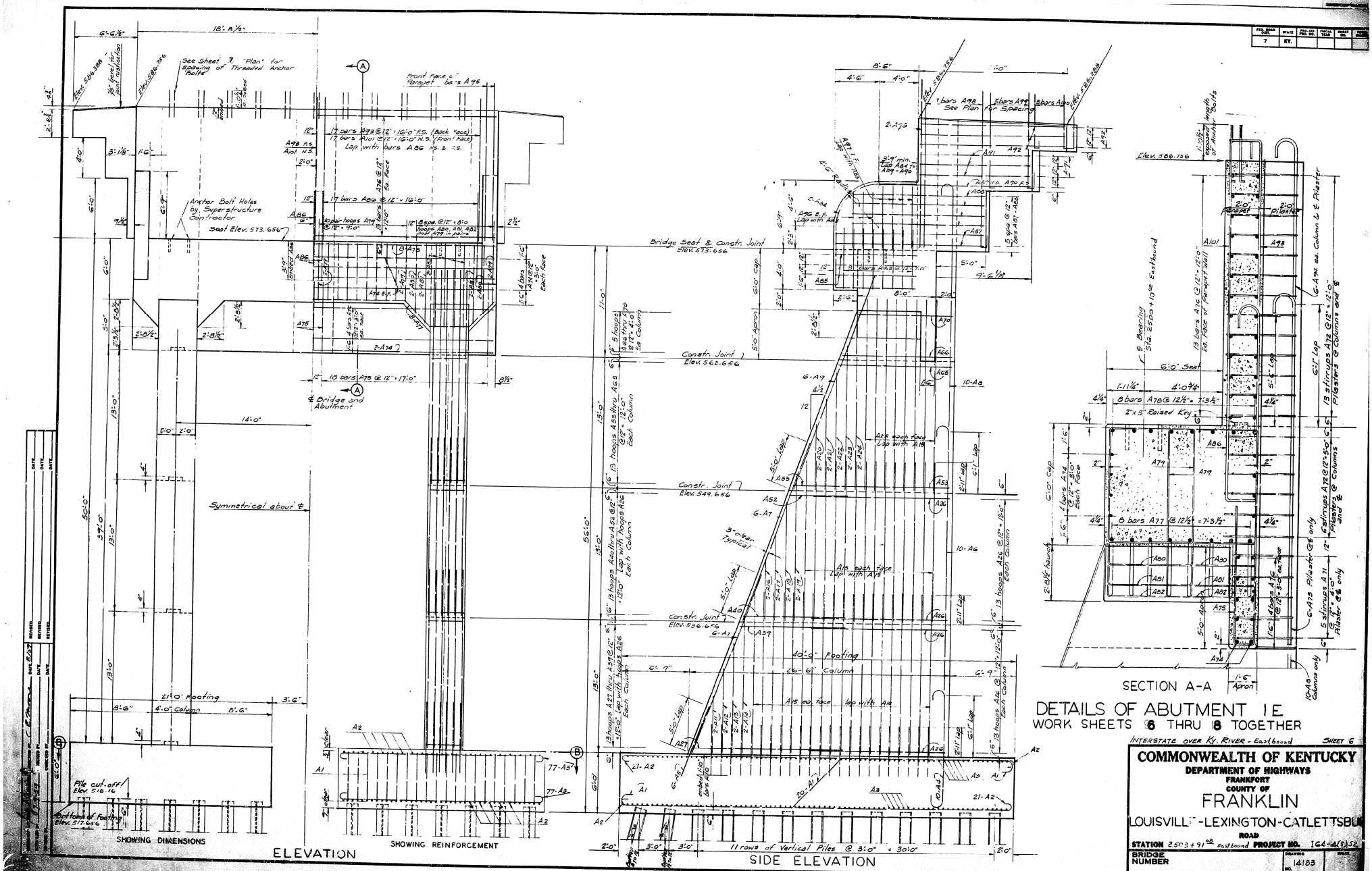
LEGEND

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





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

DETAILS OF ABUTMENT 1E

WORK SHEETS 6 THRU 8 TOGETHER

INTERSTATE OVER KY. RIVER - Eastbound

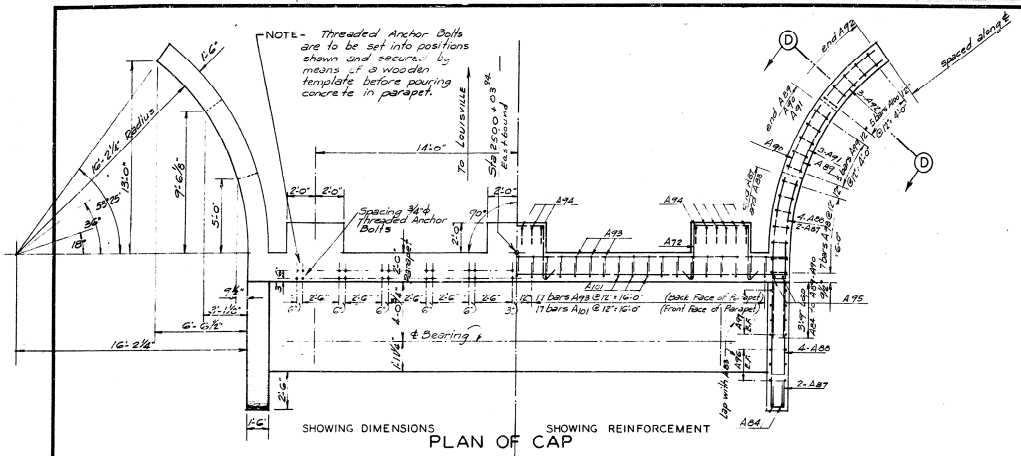
SHEET 6

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN

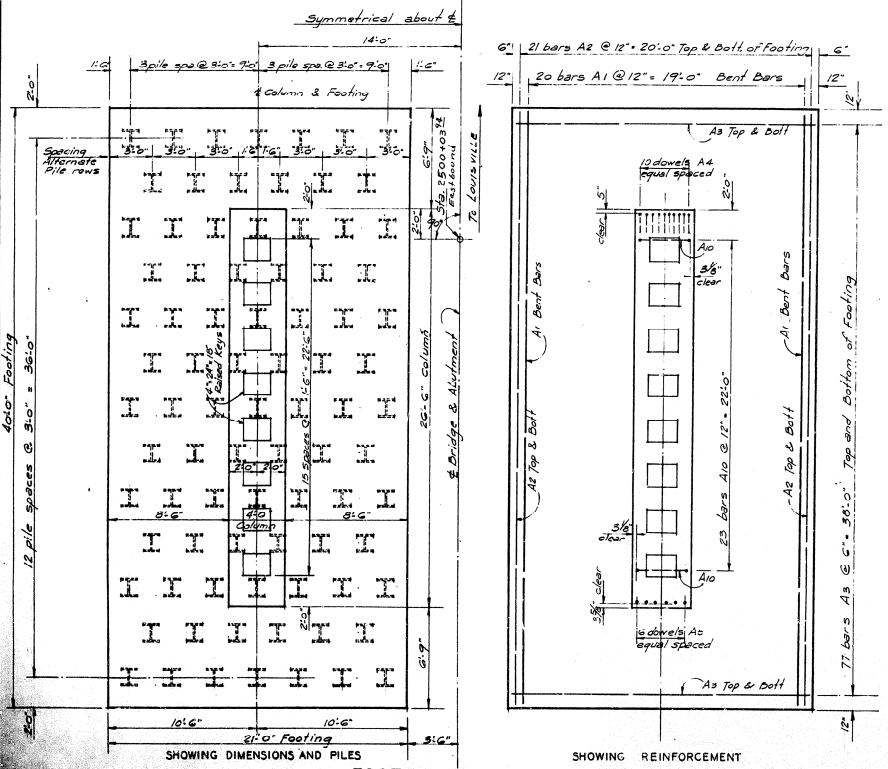
LOUISVILLE-LEXINGTON-CATLETTSBURG ROAD

STATION 2503+91.00 eastbound PROJECT NO. IG4-4(7)52

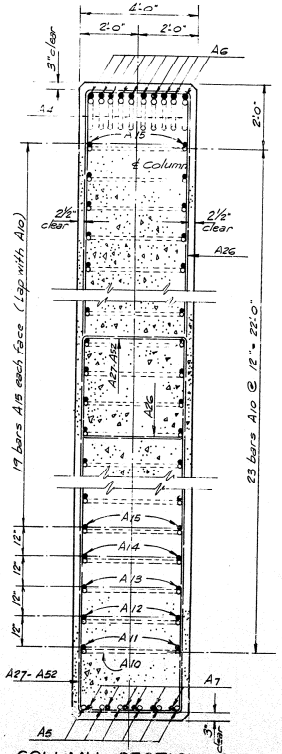
BRIDGE NUMBER — DRAWING NO. 14183



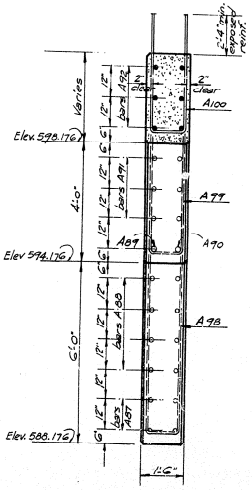
PLAN OF CAP



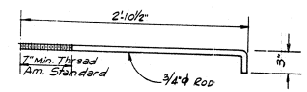
FOOTING PLAN B-B



COLUMN SECTION C-C



SECTION D-D



THREADED ANCHOR BOLT
44 REQUIRED

ESTIMATE OF QUANTITIES

CONCRETE, CLASS "A"	764.5 CU. YDS.
REINFORCEMENT	73818 LBS.

DETAILS OF ABUTMENT 1E
WORK SHEETS 6 THRU 8 TOGETHER

INTERSTATE OVER KY. RIVER - Eastbound SHEET 7

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2503+91.08 Eastbound PROJECT NO. IG4-4(5)
BRIDGE NUMBER 14183

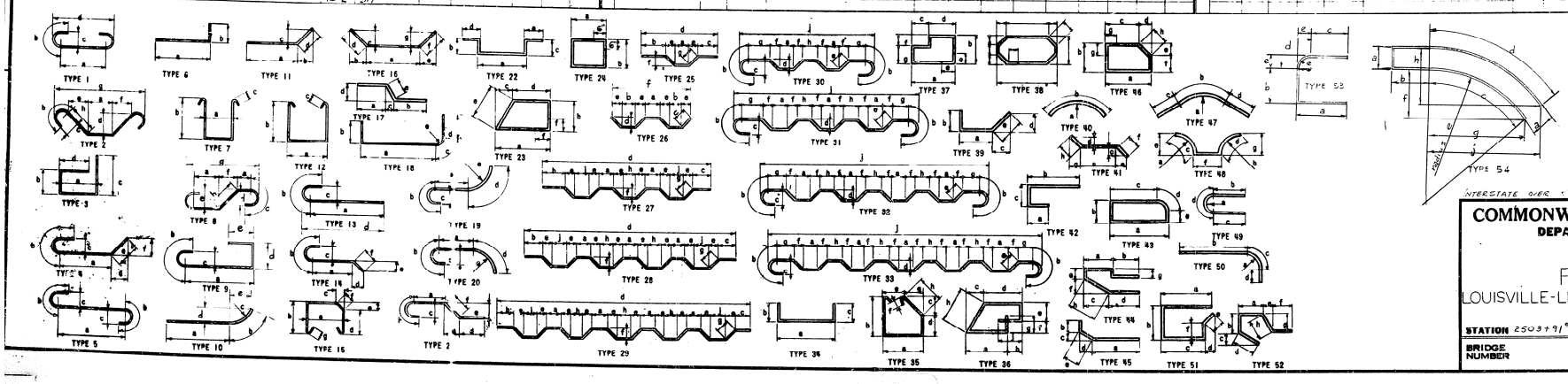
FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				

BILL OF REINFORCEMENT

MARK	TYPE	NO.	BAR SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
A1	8	40	#10	44'-3"	Footings Longitudinal	16'-7⅞"	7'-0"	1'-10"	1'-0½"	5'-0"	5'-0"	39'-7⅞"		
A2	1	84	#7	41'-5"	" Top & Bott	39'-1"	1'-2"	0'-7"	39'-8"					
A3	1	308	#7	22'-5"	Footings Transverse, Top & Bott	20'-1"	1'-2"	0'-7"	20'-0"					
A4	1	20	#11	14'-7"	Footing to Column, Dowels	12'-7"	2'-0"	1'-1⅜"	11'-8⅜"					
A5	Str	12	#9	7'-4"	Footing to Column, Dowels									
A6	13	20	#11	34'-1"	Back Face of Columns	32'-1"	2'-0"	1'-1⅜"	32'-7⅞"					
A7	Str	24	#9	18'-11"	Front Face of Columns									
A8	13	20	#11	32'-1"	Back Face of Columns	30'-1"	2'-0"	1'-1⅜"	30'-7⅞"					
A9	Str	12	#9	21'-7"	Front Face of Columns									
A10	34	46	#7	12'-8"	Dowels Column Sides	31'-3⅞"	4'-9"	4'-9"						
A11	Str	4	"	5'-11"	Column Sides Vertical									
A12	"	4	"	8'-7"	" " "									
A13	"	4	"	11'-3	" " "									
A14	"	4	"	13'-11"	" " "									
A15	"	132	"	15'-11"	" " "									
A16	"	4	"	6'-3"	" " "									
A17	"	4	"	8'-11"	" " "									
A18	"	4	"	11'-7"	" " "									
A19	"	4	"	14'-3"	" " "									
A20	"	4	"	6'-7"	" " "									
A21	"	4	"	9'-3"	" " "									
A22	"	4	"	11'-11"	" " "									
A23	"	4	"	14'-7"	" " "									
A24	"	4	"	17'-3"	" " "									
A25	"	32	"	19'-10"	" " "									
A26	24	52	#5	36'-8"	Column Hoops	13'-10⅝"	3'-7"							
A27	"	2	"	38'-5"	" "	15'-3"	3'-7"							
A28	"	2	"	37'-8"	" "	14'-10⅝"	3'-7"							
A29	"	2	"	36'-11"	" "	14'-6"	3'-7"							
A30	"	2	"	36'-2"	" "	14'-1⅝"	3'-7"							
A31	"	2	"	35'-5"	" "	13'-9"	3'-7"							
A32	"	2	"	34'-8"	" "	13'-4⅝"	3'-7"							
A33	"	2	"	33'-11"	" "	13'-0"	3'-7"							
A34	"	2	"	33'-2"	" "	12'-7⅝"	3'-7"							
A35	"	2	"	32'-5"	" "	12'-3"	3'-7"							
A36	"	2	"	31'-8"	" "	11'-10⅝"	3'-7"							
A37	"	2	"	30'-11"	" "	11'-6"	3'-7"							
A38	"	2	"	30'-2"	" "	11'-1⅝"	3'-7"							
A39	"	2	"	29'-5"	" "	10'-9"	3'-7"							
A40	"	2	"	28'-8"	" "	10'-4⅝"	3'-7"							
A41	"	2	"	27'-11"	" "	10'-0"	3'-7"							
A42	"	2	"	27'-2"	" "	9'-7⅝"	3'-7"							
A43	"	2	"	26'-5"	" "	9'-3"	3'-7"							
A44	"	2	"	25'-8"	" "	8'-10⅝"	3'-7"							
A45	"	2	"	24'-11"	" "	8'-6"	3'-7"							
A46	"	2	"	24'-2"	" "	8'-1⅝"	3'-7"							
A47	"	2	"	23'-5"	" "	7'-9"	3'-7"							
A48	"	2	"	22'-8"	" "	7'-4⅝"	3'-7"							
A49	"	2	"	21'-11"	" "	7'-0"	3'-7"							
A50	"	2	"	21'-2"	" "	6'-7⅝"	3'-7"							
A51	"	2	"	20'-5"	" "	6'-3"	3'-7"							
A52	"	2	"	19'-8"	" "	5'-10⅝"	3'-7"							
A53	"	2	"	40'-0"	" "	16'-0⅝"	3'-7"							
A54	"	2	"	39'-3"	" "	15'-8"	3'-7"							
A55	"	2	"	38'-6"	" "	15'-3⅝"	3'-7"							
A56	"	2	"	37'-9"	" "	14'-11"	3'-7"							
A57	"	2	"	37'-0"	" "	14'-6⅝"	3'-7"							
A58	"	2	"	36'-3"	" "	14'-2"	3'-7"							

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
A59	24	2	#5	35'-6"	Column Hoops	13'-9⅝"	3'-7"							
A60	"	2	"	34'-9"	" "	13'-5"	3'-7"							
A61	"	2	"	34'-0"	" "	13'-0⅝"	3'-7"							
A62	"	2	"	33'-3"	" "	12'-8"	3'-7"							
A63	"	2	"	32'-6"	" "	12'-3⅝"	3'-7"							
A64	"	2	"	31'-9"	" "	11'-11"	3'-7"							
A65	"	2	"	31'-0"	" "	11'-6⅝"	3'-7"							
A66	"	2	"	30'-3"	" "	11'-2"	3'-7"							
A67	"	2	"	29'-6"	" "	10'-9⅝"	3'-7"							
A68	"	2	"	28'-9"	" "	10'-5"	3'-7"							
A69	"	2	"	28'-0"	" "	10'-0⅝"	3'-7"							
A70	"	2	"	27'-3"	" "	9'-8"	3'-7"							
A71	7	8	"	10'-7"	Pilaster Stirrups	3'-7"	3'-1"	0'-6"						
A72	7	57	"	11'-7"	Pilaster & Column Stirrups	3'-7"	3'-7"	0'-6"						
A73	13	6	#11	18'-11"	Back Face of ℄ Pilaster	16'-11"	2'-0"	1'-1⅜"	17'-5⅞"					
A74	Str	10	#8	37'-0"	Cap & Bott Apron, Horizontal									
A75	34	37	#5	13'-3"	Apron, Vertical	1'-1½"	6'-2"	6'-2"						
A76	Str	34	#5	37'-0"	Apron & Parapet, Horizontal									
A77	26	8	#11	41'-6"	Bottom of Cap	19'-0"	3'-7"	3'-10"	2'-9⅞"	2'-8½"	37'-0"			
A78	Str	8	#11	37'-0"	Top of Cap									
A79	24	44	#6	21'-0"	Cap Hoops	5'-8"	4'-5⅝"							
A80	24	8	"	23'-0"	" "	6'-8"	4'-5⅝"							
A81	24	8	"	25'-0"	" "	7'-8"	4'-5⅝"							
A82	24	16	"	26'-5"	" "	8'-4½"	4'-5⅝"							
A83	34	16	#6	12'-10"	Stub Wall, Vertical	1'-2"	5'-11"	5'-11"						
A84	53	4	#9	24'-8"	Stub Wall to Cap	8'-3"	6'-0"	3'-11⅝"	6'-7⅝"	4'-3"				
A85	34	6	#6	17'-6"	Stub Wall, Horizontal	1'-0½"	8'-4"	8'-4"						
A86	9	35	#10	19'-4"	Cap to Parapet, Vertical	9'-3"	1'-10"	1'-0½"	1'-7⅝"	7'-1"				
A87	54	4	#6	31'-9"	Stub Wall to Wing, Horizontal	1'-0½"	10'-4"	5'-0"	5'-3⅝"	16'-4⅞"	0'-9"	4'-11"	0'-9⅝"	5'-0½"
A88	54	8	#6	27'-9"	" " " "	1'-0½"	8'-4"	5'-0"	5'-3⅝"	16'-4⅞"	0'-9"	4'-11"	0'-9⅝"	5'-0½"
A89	10	2	#9	15'-11"	" " " "	5'-9"	10'-2"	16'-4⅞"	3'-10½"	9'-6⅞"				
A90	10	2	#9	16'-6"	" " " "	5'-9"	10'-9⅝"	17'-4⅞"	3'-2⅝"	10'-1"				
A91	54	6	#9	25'-3"	Parapet to Wing, Horizontal	1'-0½"	1'-10"	10'-2"	10'-9½"	16'-4⅞"	3'-0½"	9'-6⅞"	3'-2⅝"	10'-1"
A92	54	6	#9	25'-9"	" " " "	1'-0½"	1'-10"	15'-2"	16'-0⅝"	16'-4⅞"	6'-6"	13'-1"	6'-10⅞"	13'-0⅞"
A93	6	35	#9	15'-8"	Back Face of Parapet, Vertical	14'-2"	1'-8"							
A94	13	18	#11	15'-2"	Back Face of Pilaster & Cols.	13'-7"	2'-0"	1'-1⅜"	14'-7⅞"					
A95	Str	4	#6	15'-10"	Front Face of Parapet, Vertical									
A96	Str	12	#5	5'-9"	Stub Walls, Vertical									
A97	Str	16	"	6'-4"	" "									
A98	34	14	"	32'-6"	Wing Walls, Vertical	1'-2"	15'-9"	15'-9"						
A99	34	10	"	20'-2"	" "	1'-2"	9'-7"	9'-7"						
A100	34	10	"	12'-0"	" "	1'-2"	5'-6"	5'-6"						
A101	34	35	#6	15'-11"	Front Face of Parapet, Vertical	1'-0"	14'-2"	1'-0"						

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j



DETAILS OF ABUTMENT 1E

WORK SHEETS **6** THRU **8** TOGETHER

INTERSTATE OVER I-64 RIVER - Eastbound

SHEET 8

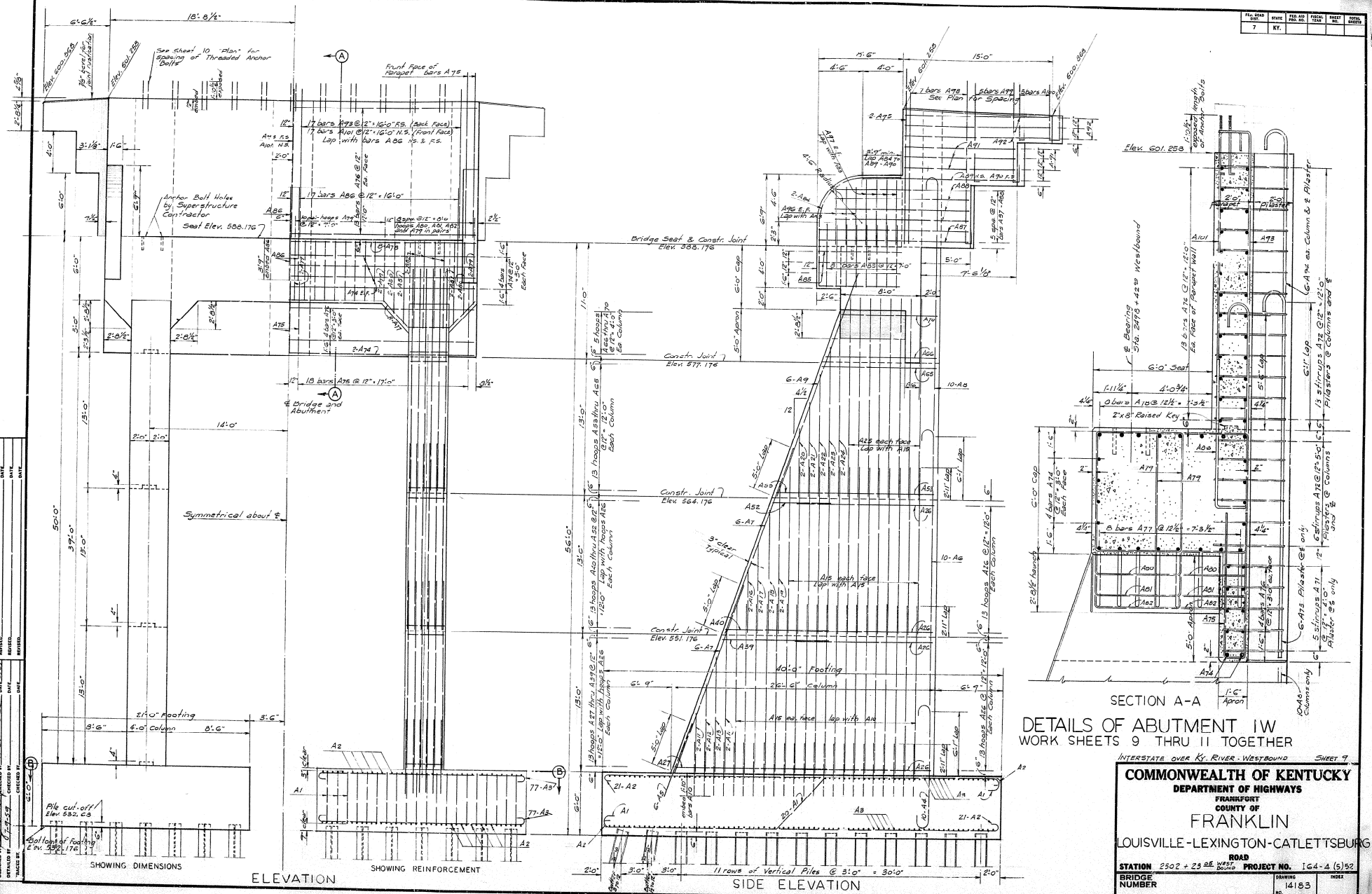
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD

STATION 2503+91.68 - Eastbound **PROJECT NO.** 164-4(9)52

BRIDGE NUMBER

DRAWING NO. 14183

SHEET



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

DETAILS OF ABUTMENT 1W
WORK SHEETS 9 THRU 11 TOGETHER

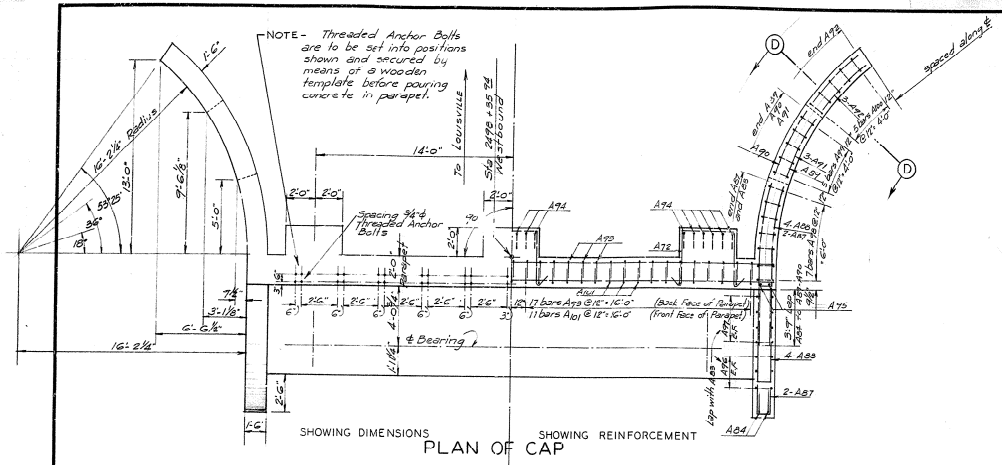
INTERSTATE OVER KY. RIVER - WESTBOUND SHEET 9

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

STATION 2502 + 23.05 WEST BOUND **PROJECT NO.** I64-4 (5)52

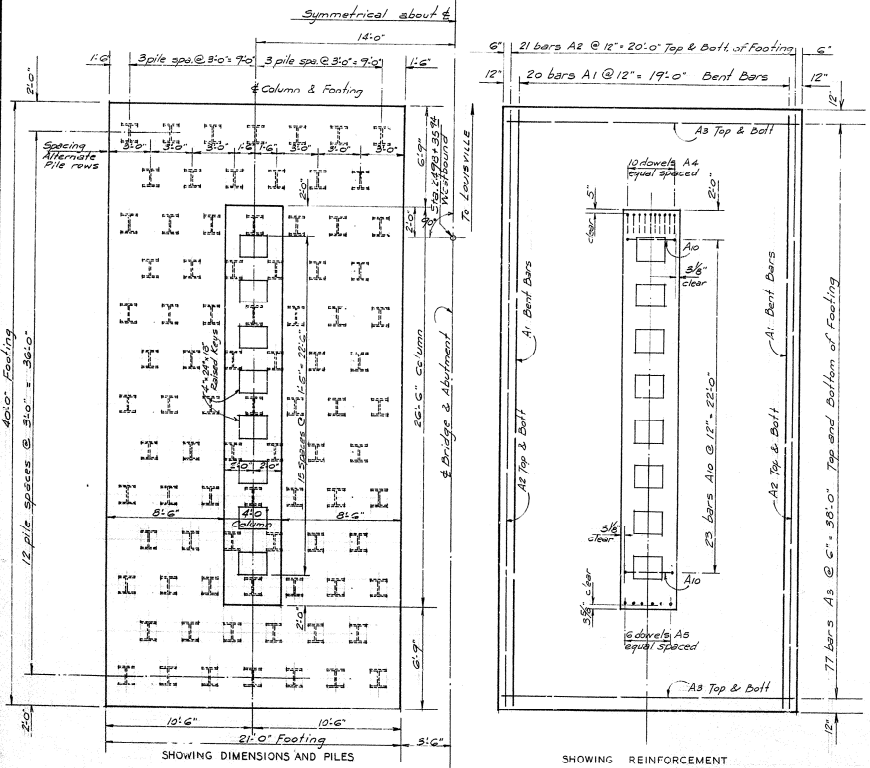
BRIDGE NUMBER | DRAWING NO. 14183 | INDEX

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



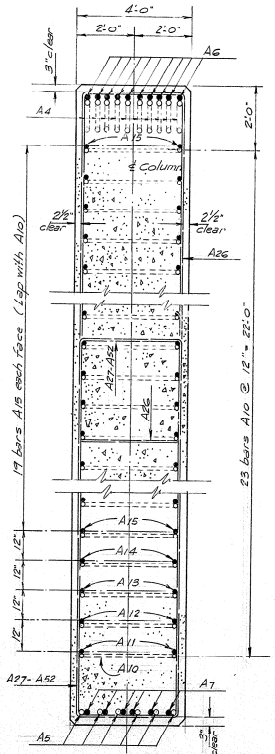
SHOWING DIMENSIONS SHOWING REINFORCEMENT

PLAN OF CAP

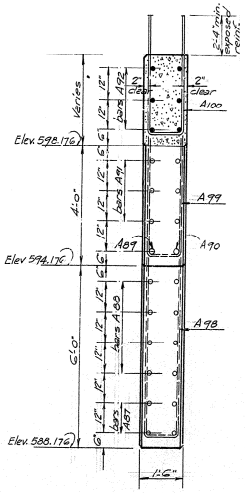


SHOWING DIMENSIONS AND PILES SHOWING REINFORCEMENT

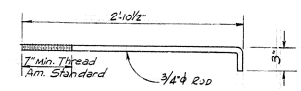
FOOTING PLAN B-B



COLUMN SECTION C-C



SECTION D-D



THREADED ANCHOR BOLT
44 REQUIRED

ESTIMATE OF QUANTITIES

CONCRETE, CLASS "A"	764.5 CU. YDS.
REINFORCEMENT	73818 LBS.

DETAILS OF ABUTMENT IW
WORK SHEETS 9 THRU 11 TOGETHER

INTERSTATE OVER KY. RIVER - WESTBOUND SHEET 10

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2502 + 23.05 WESTBOUND **PROJECT NO.** I64-4(5)52

BRIDGE NUMBER	DRAWING NO.	INDEX
	14183	

DESIGNED BY [signature] DATE 8/5/54
DETAILED BY [signature] DATE 7-16-54
TRACED BY DATE
CHECKED BY DATE
CHECKED BY DATE
REVISED DATE
REVISED DATE
REVISED DATE

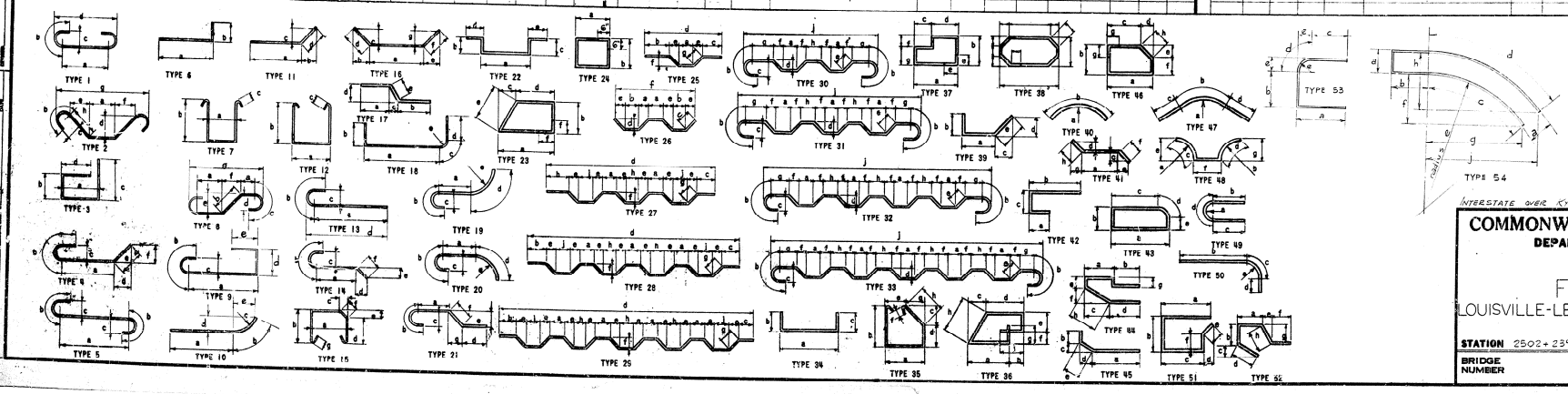
NO. ROAD DIST.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	KY.			

BILL OF REINFORCEMENT

MARK	TYPE	NO.	BAR SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
A1	8	40	#10	44'-3"	Footings, Longitudinal	16'-9½"	7'-0"	1'-10"	1'-0½"	5'-0"	5'-0"	39'-7⅞"		
A2	1	84	#7	41'-5"	" " Tied Bolt	39'-1"	1'-2"	0'-7"	39'-8"					
A3	1	308	#7	22'-5"	Footings, Transverse Tied Bolt	20'-1"	1'-2"	0'-7"	20'-8"					
A4	1	20	#11	14'-7"	Footing to Column, Dowels	10'-7"	2'-0"	1'-1⅜"	11'-8⅜"					
A5	Str.	12	#9	7'-4"	Footing to Column Dowels									
A6	13	20	#11	34'-1"	Back Face of Columns	32'-1"	2'-0"	1'-1⅜"	32'-7⅞"					
A7	Str.	24	#9	18'-11"	Front Face of Columns									
A8	13	20	#11	32'-1"	Back Face of Col umns	30'-1"	2'-0"	1'-1⅜"	30'-7⅞"					
A9	Str.	12	#9	21'-7"	Front Face of Columns									
A10	34	46	#7	12'-8"	Dowels Column Sides	3'-5⅝"	4'-9"	4'-9"						
A11	Str.	4	"	5'-11"	Column _ les Vertical									
A12	"	4	"	8'-7"	" " "									
A13	"	4	"	11'-3"	" " "									
A14	"	4	"	13'-11"	" " "									
A15	"	132	"	15'-11"	" " "									
A16	"	4	"	6'-3"	" " "									
A17	"	4	"	8'-11"	" " "									
A18	"	4	"	11'-7"	" " "									
A19	"	4	"	14'-3"	" " "									
A20	"	4	"	6'-7"	" " "									
A21	"	4	"	9'-3"	" " "									
A22	"	4	"	11'-11"	" " "									
A23	"	4	"	14'-7"	" " "									
A24	"	4	"	17'-3"	" " "									
A25	"	32	"	19'-10"	" " "									
A26	24	52	#5	35'-8"	Column Hoops	13'-10⅜"	3'-7"							
A27	"	2	"	38'-5"	"	15'-3"	3'-7"							
A28	"	2	"	37'-8"	"	14'-10⅜"	3'-7"							
A29	"	2	"	36'-11"	"	14'-6"	3'-7"							
A30	"	2	"	36'-2"	"	14'-1⅜"	3'-7"							
A31	"	2	"	35'-5"	"	13'-9"	3'-7"							
A32	"	2	"	34'-8"	"	13'-4⅜"	3'-7"							
A33	"	2	"	33'-11"	"	13'-0"	3'-7"							
A34	"	2	"	33'-2"	"	12'-7⅜"	3'-7"							
A35	"	2	"	32'-5"	"	12'-3"	3'-7"							
A36	"	2	"	31'-8"	"	11'-10⅜"	3'-7"							
A37	"	2	"	30'-11"	"	11'-6"	3'-7"							
A38	"	2	"	30'-2"	"	11'-1⅜"	3'-7"							
A39	"	2	"	29'-5"	"	10'-9"	3'-7"							
A40	"	2	"	28'-8"	"	10'-4⅜"	3'-7"							
A41	"	2	"	27'-11"	"	10'-0"	3'-7"							
A42	"	2	"	27'-2"	"	9'-7⅜"	3'-7"							
A43	"	2	"	26'-5"	"	9'-3"	3'-7"							
A44	"	2	"	25'-8"	"	8'-10⅜"	3'-7"							
A45	"	2	"	24'-11"	"	8'-6"	3'-7"							
A46	"	2	"	24'-2"	"	8'-1⅜"	3'-7"							
A47	"	2	"	23'-5"	"	7'-9"	3'-7"							
A48	"	2	"	22'-8"	"	7'-4⅜"	3'-7"							
A49	"	2	"	21'-11"	"	7'-0"	3'-7"							
A50	"	2	"	21'-2"	"	6'-7⅜"	3'-7"							
A51	"	2	"	20'-5"	"	6'-3"	3'-7"							
A52	"	2	"	19'-8"	"	5'-10⅜"	3'-7"							
A53	"	2	"	40'-0"	"	16'-0⅜"	3'-7"							
A54	"	2	"	39'-3"	"	15'-8"	3'-7"							
A55	"	2	"	38'-6"	"	15'-3⅜"	3'-7"							
A56	"	2	"	37'-9"	"	14'-11"	3'-7"							
A57	"	2	"	37'-0"	"	14'-6⅜"	3'-7"							
A58	"	2	"	36'-3"	"	14'-2"	3'-7"							

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j
A59	24	2	#5	35'-6"	Column Hoops	13'-9½"	3'-7"							
A60	"	2	"	34'-9"	" " "	13'-5"	3'-7"							
A61	"	2	"	34'-0"	" " "	13'-0½"	3'-7"							
A62	"	2	"	33'-3"	" " "	12'-8"	3'-7"							
A63	"	2	"	32'-6"	" " "	12'-3½"	3'-7"							
A64	"	2	"	31'-9"	" " "	11'-11"	3'-7"							
A65	"	2	"	31'-0"	" " "	11'-6½"	3'-7"							
A66	"	2	"	30'-3"	" " "	11'-2"	3'-7"							
A67	"	2	"	29'-6"	" " "	10'-9½"	3'-7"							
A68	"	2	"	28'-9"	" " "	10'-5"	3'-7"							
A69	"	2	"	28'-0"	" " "	10'-0½"	3'-7"							
A70	"	2	"	27'-3"	" " "	9'-8"	3'-7"							
A71	7	5	"	10'-7"	Pilaster Stirrups	3'-7"	3'-1"	0'-6"						
A72	7	57	"	11'-7"	Pilaster & Column Stirrups	3'-7"	3'-7"	0'-6"						
A73	13	6	#11	18'-11"	Back Face of & Pilaster	16'-11"	2'-0"	1'-1⅜"	17'-5⅞"					
A74	Str.	10	#8	37'-0"	Cap & Batt Apron, Horizontal									
A75	34	37	#5	13'-3"	Apron, Vertical	1'-1½"	6'-2"	6'-2"						
A76	Str.	34	#5	37'-0"	Apron & Parapet, Horizontal									
A77	26	8	#11	41'-6"	Bottom of Cap	19'-0"	3'-7"	3'-10"	21'-9⅞"	2'-8½"	37'-0"			
A78	Str.	8	#11	37'-0"	Top of Cap									
A79	24	44	#6	21'-0"	Cap Hoops	5'-8"	4'-5½"							
A80	24	8	"	23'-0"	" "	6'-0"	4'-5½"							
A81	24	8	"	25'-0"	" "	7'-0"	4'-5½"							
A82	24	16	"	26'-5"	" "	8'-4½"	4'-5½"							
A83	34	16	#5	12'-10"	Stub Wall, Vertical	1'-2"	5'-11"	5'-11"						
A84	53	4	#9	24'-8"	Stub Wall to Cap	8'-3"	6'-0"	3'-11⅜"	6'-7⅜"	4'-3"				
A85	34	6	#6	17'-6"	Stub Wall, Horizontal	11'-0½"	8'-4"	8'-4"						
A86	9	35	#10	19'-4"	Cap to Parapet, Vertical	9'-3"	1'-10"	1'-0½"	1'-7⅜"	7'-1"				
A87	54	4	#6	31'-9"	Stub Wall to Wing, Horizontal	1'-0½"	10'-4"	5'-0"	5'-3⅜"	16'-4⅞"	0'-9"	4'-11"	0'-9⅜"	5'-0½"
A88	54	8	#6	27'-9"	" " " "	1'-0½"	8'-4"	5'-0"	5'-3⅜"	16'-4⅞"	0'-9"	4'-11"	0'-9⅜"	5'-0½"
A89	10	2	#9	15'-11"	" " " "	5'-9"	10'-2"	16'-4⅞"	3'-0½"	9'-6⅜"				
A90	10	2	#9	16'-6"	" " " "	5'-9"	10'-9⅜"	17'-4⅞"	3'-2⅜"	10'-1"				
A91	54	6	#9	25'-3"	Parapet to Wing, Horizontal	1'-0½"	1'-10"	10'-2"	10'-9⅜"	16'-4⅞"	3'-0½"	9'-6⅜"	3'-2⅜"	10'-1"
A92	54	6	#9	35'-7"	" " " "	1'-0½"	1'-10"	19'-2"	16'-0⅞"	16'-4⅞"	6'-6"	13'-1"	6'-10⅞"	13'-0⅞"
A93	6	35	#9	15'-8"	Back Face of Parapet, Vertical	14'-2"	1'-8"							
A94	13	18	#11	16'-7"	Back Face of Pilaster & Cols.	13'-7"	2'-0"	1'-1⅜"	14'-1⅞"					
A95	Str.	4	#6	15'-10"	Front Face of Parapet, Vertical									
A96	Str.	12	#5	5'-9"	Stub Walls, Vertical									
A97	Str.	16	"	6'-6"	" "									
A98	34	14	"	32'-6"	Wing Walls, Vertical	1'-2"	10'-9"	15'-9"						
A99	34	10	"	20'-2"	" "	1'-2"	9'-7"	9'-7"						
A100	34	10	"	12'-0"	" " "	1'-2"	5'-6"	5'-6"						
A101	34	35	#6	15'-11"	Front Face of Parapet, Vertical	1'-0"	14'-2"	1'-0"						

MARK	TYPE	NO.	SIZE	LENGTH	LOCATION	a	b	c	d	e	f	g	h	j



DETAILS OF ABUTMENT IW

WORK SHEETS 9 THRU 11 TOGETHER

INTERSTATE OVER KY RIVER WESTBOUND

SHEET 11

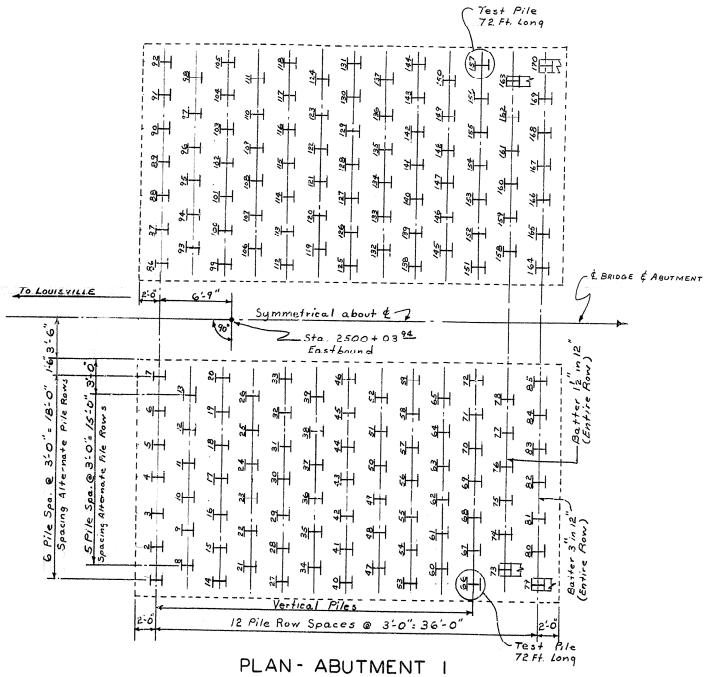
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD

STATION 2502+23.05 WESTBOUND PROJECT NO. IG4-1 (5)52

BRIDGE NUMBER | DRAWING NO. 14183 | INDEX

DESIGNED BY C.E. Patrick DATE 6-57
DETAILED BY DATE
TRACED BY DATE
CHECKED BY DATE

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



PLAN - ABUTMENT I

Showing location of 14" H @ 73# Piles

NOTE:

This pile record does not replace the other records of piles required to be kept and submitted by the Resident Engineer.

After all piles have been driven, the Resident Engineer shall record the tip of pile elevation as driven, length of pile in place, and calculate the bearing capacity of each, and return one blue print copy of this sheet with this data to the Bridge Engineer to be recorded on the original plans.

Length of piles in place shown hereon are the actual length of piles in the finished structure below cut-off elevation and are not necessarily the pay items.

PILE RECORD

Pile No.	Cut-off Elev. As Shown On Plans	Tip of Pile Elevation as Driven	Pile Length in Place Lin. Ft.	Calculated Capacity in Bearing-Tons
1	518.16			
2	"			
3	"			
4	"			
5	"			
6	"			
7	"			
8	"			
9	"			
10	"			
11	"			
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78	"			
79	"			
80	"			
81	"			
82	"			
83	"			
84	"			
85	"			

Pile No.	Cut-off Elev. As Shown On Plans	Tip of Pile Elevation As Driven	Pile Length in Place Lin. Ft.	Calculated Capacity in Bearing-Tons
86	518.16			
87	"			
88	"			
89	"			
90	"			
91	"			
92	"			
93	"			
94	"			
95	"			
96	"			
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162	"			
163	"			
164	"			
165	"			
166	"			
167	"			
168	"			
169	"			
170	"			

PILE RECORD
ABUTMENT 1E

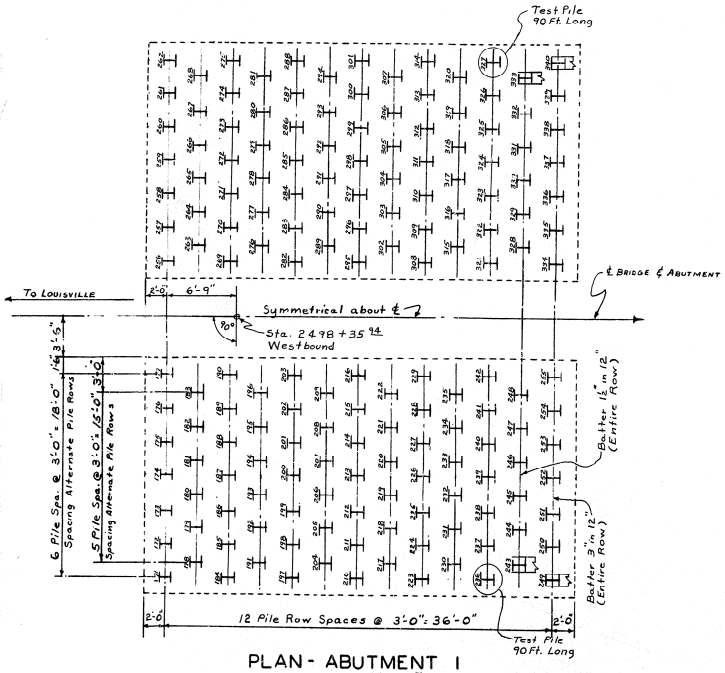
INTERSTATE OVER Ky. RIVER – EASTBOUND Sheet 12

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2503+91.98 Eastbound **PROJECT NO.** I 64-4 (5) 52

BRIDGE NUMBER	DRAWING NO.	INDEX
	14183	

DESIGNED BY: CHECKED BY: DATE 7-57
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.				



PLAN - ABUTMENT 1

Showing location of 14" He73* Piles

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

PILE RECORD

Pile No.	Cut-off Elev. As Shown On Plans	Tip of Pile Elevation as Driven	Pile Length in Place Lin. Ft.	Calculated Capacity in Bearing - Tons
171	532.68			
172	"			
173	"			
174	"			
175	"			
176	"			
177	"			
178	"			
179	"			
180	"			
181	"			
182	"			
183	"			
184	"			
185	"			
186	"			
187	"			
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251	"			
252	"			
253	"			
254	"			
255	"			

Pile No.	Cut-off Elev. As Shown On Plans	Tip of Pile Elevation As Driven	Pile Length in Place Lin. Ft.	Calculated Capacity in Bearing-Tons
256	532.68			
257	"			
258	"			
259	"			
260	"			
261	"			
262	"			
263	"			
264	"			
265	"			
266	"			
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330	"			
331	"			
332	"			
333	"			
334	"			
335	"			
336	"			
337	"			
338	"			
339	"			
340	"			

PILE RECORD
ABUTMENT IW

INTERSTATE OVER KY. RIV. - WESTBOUND Sheet 13

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
FRANKLIN
LOUISVILLE-LEXINGTON-CATLETTSBURG
ROAD
STATION 2502 + 23 OF Westbound **PROJECT NO.** I 64-4 (5)52
BRIDGE NUMBER 14183

DESIGNED BY
DETAILED BY
TRACED BY
CHECKED BY
CHECKED BY
CHECKED BY
REVISED
REVISED
REVISED
DATE