C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

RIGHT LANE

BRIDGE STATION 610+60 TO STATION 619+64

ROAD BETWEEN Spanish Fort AND Daphne

COUNTY Baldwin DIVISION 9 PROJECT NUMBER F-635(5)[illegible]

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR [illegible]

DATE 12-6-60 STA. OR BENT NO. 2 PILE NO. 6 KIND OF SOIL Sand & Clay

KIND OF PILE Steel SIZE OF PILE 10"BP42 TOTAL LENGTH 67'10 3/4"

ELEV. GROUND LINE AT PILE 1.70 FINAL ELEV. AT TOP OF PILE 22.66 TOTAL PENET. 47'3/4"

NO RECORD FOR FIRST 21' FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10'	10	7"	21'0"	3.66		10			
10'	20	49"	25'1"	5.03		20			
10'	30	46"	28'11"	5.36		30			
10'	40	36"	31'11"	6.50		40			
10'	50	23 3/4"	33'10 3/4"	7.74		50			
10'	60	22 1/4"	35'9"	9.09		60			
10'	70	17"	37'2"	10.34		70			
10'	80	15 1/2"	38'5 1/2"	10.26		80			
10'	90	18"	40'11 1/2"	10.71		90			
10'	100	14 1/2"	42'1 3/4"	11.49		100			
10'	110	14 3/4"	43'6 1/2"	12.12		110			
10'	120	14 1/2"	44'8 3/4"	12.24		120			
10'	130	14"	45'10 3/4"	12.50		130			
10'	140	14"	47'0 3/4"	12.50		140			
	150					150			

REMARKS Test No. 24255
Tip Pile Elev.-45.24

CORRECT George D. McLane
PROJECT ENGINEER

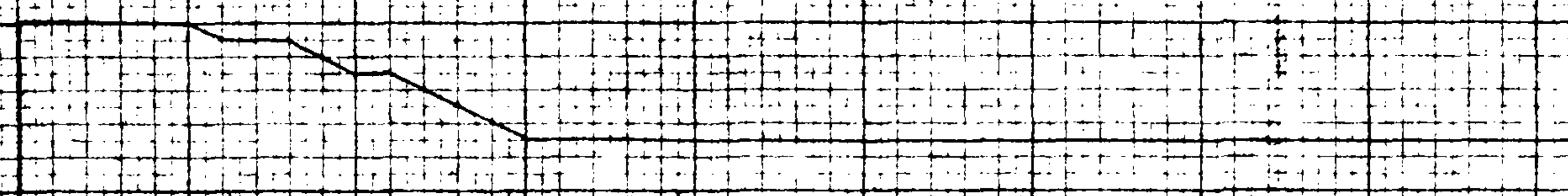
APPROVED Sam C. Collins
ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

Project S-635(5)"B"
Baldwin County
Test Pile Data
Pile No. 5 Bent 2
Right Lane
Sta. 510+60
Sta. 512+64

Tons	Elev.	Time	Date
0	12.5300	9:33 A.M.	11-8-68
5	12.5300	9:33	
10	12.5300	9:33	
15	12.5300	9:34	
20	12.5300	9:34	
25	12.5274	9:35	
30	12.5274	9:35	
35	12.5274	9:36	
40	12.5248	9:36	
45	12.5222	9:37	
50	12.5222	9:38	
55	12.5196	9:38	
60	12.5170	9:39	
65	12.5144	9:39	
70	12.5118	9:40	
70	12.5118	10:40	11-8-68
		11:40 A.M.	
		12:40 P.M.	
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 P.M.	11-8-68
		12:40 A.M.	11-9-68
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 A.M.	
		12:40 P.M.	
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 P.M.	11-9-68
		12:40 A.M.	11-10-68
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
70	12.5118	9:40	
65	12.5118	9:40	
60	12.5118	9:41	
55	12.5118	9:41	
50	12.5144	9:41	
45	12.5170	9:42	
40	12.5196	9:42	
35	12.5196	9:42	
30	12.5196	9:43	
25	12.5196	9:43	
20	12.5222	9:43	
15	12.5222	9:44	
10	12.5248	9:44	
5	12.5248	9:44	
0	12.5248	9:45	11-10-68

Hydraulic Load



3/32" Permanent Settlement

Elev Top Pile

12.53

Vertical Scale 0.10 = 1/32"

G-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

RIGHT LANE

BRIDGE STATION 510+60 TO STATION 512+64

ROAD BETWEEN Spanish Fort AND Daphne

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-635(5)'B'

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett & Rider

DATE 11-7-68 STA. OR BENT NO. 7 PILE NO. 3 KIND OF SOIL Sand & Clay

KIND OF PILE Steel SIZE OF PILE 10"BP42# TOTAL LENGTH 50'10½"

ELEV. GROUND LINE AT PILE 9.34 FINAL ELEV. AT TOP OF PILE 11.84 TOTAL PENET. 48'4½"

NO RECORD FOR FIRST 10' FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOW S	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10'	10	39"	13'3"	6.12	10'	10	14"	38'11½"	12.50
10'	20	41½"	16'8½"	5.83	10'	20	14½"	40'13/4"	12.37
10'	30	32½"	19'5"	7.06	10'	30	14"	41'33/4"	12.50
10'	40	19"	21'	10.34	10'	40	13½"	42'5½"	12.77
10'	50	22½"	22'10½"	9.30	10'	50	12"	43'5½"	13.64
10'	60	25½"	24'11½"	8.51	10'	60	11½"	44'43/4"	13.95
10'	70	22½"	26'10"	9.23	10'	70	12½"	45'5"	13.48
10'	80	21½"	28'7½"	9.52	10'	80	12½"	46'5½"	13.48
10'	90	17½"	30'1"	10.91	10'	90	12"	47'5½"	13.64
10'	100	163/4"	31'53/4"	11.21	10'	100	11½"	48'4½"	14.12
10'	110	153/4"	32'9½"	11.65		110			
10'	120	15½"	34'1"	11.76		120			
10'	130	143/4"	35'33/4"	12.12		130			
10'	140	15½"	36'7"	11.88		140			
10'	150	~~XXXXXX~~ 14½"	~~XXXXX~~ 37'9½"	12.24		150			

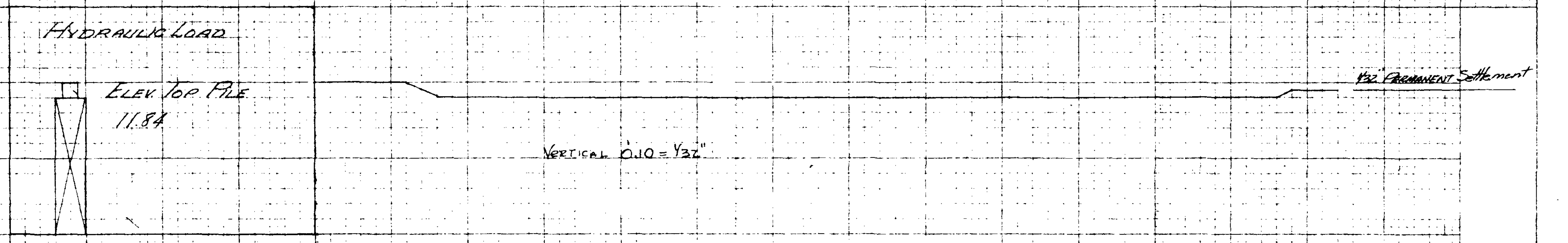
REMARKS
Heat No. 50890
Tip Pile Elev.-39.03

CORRECT PROJECT ENGINEER APPROVED ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

PROJECT S635(E)B"
BALDWIN COUNTY
TEST PILE DATA
PILE NO. 3 BENT 7
RIGHT LANE
STA. 510+60-
STA. 512+64

DATE	TIME	ELEV.	TONS
11-8-68	9:45 AM	11.8400	0
	9:45	11.8400	5
	9:46	11.8400	10
	9:46	11.8400	15
	9:47	11.8400	20
	9:47	11.8400	25
	9:48	11.8374	30
	9:49	11.8348	35
	9:49	11.8348	40
11-8-68	9:50	11.8348	44
	10:50		
	11:50 AM		
	12:50 PM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
	8:50		
	9:50		
	10:50		
11-8-68	11:50 PM		
11-9-68	12:50 AM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
	8:50		
	9:50		
	10:50		
	11:50 AM		
	12:50 PM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
	8:50		
	9:50		
	10:50		
11-9-68	11:50 PM		
11-10-68	12:50 AM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
11-10-68	8:50		
	9:50	11.8348	44
	9:51	11.8348	40
	9:51	11.8348	35
	9:52	11.8348	30
	9:52	11.8348	25
	9:53	11.8348	20
	9:53	11.8348	15
	9:54	11.8374	10
	9:55	11.8374	5
11-10-68	9:55 AM	11.8374	0



C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

LEFT LANE

BRIDGE STATION 510+60 TO STATION 512+64

ROAD BETWEEN Daphne AND Spanish Fort

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-635(5)A

CONTRACTOR Concrete Construction Co. INSPECTOR McCaw, Garrett

DATE 9/23/68 STA. OR BENT NO. 5 PILE NO. 2 KIND OF SOIL Sandy, Muck

KIND OF PILE Steel SIZE OF PILE 10"BP42 TOTAL LENGTH 57'-11 1/4"

ELEV. GROUND LINE AT PILE 1.26 FINAL ELEV. AT TOP OF PILE 12.000 TOTAL PENET 47'-1 1/4"

NO RECORD FOR FIRST 15' FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOW S	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10	10	5'-9"	20'-9"	3.80	10'	10	12 1/2"	39'-8 1/4"	13.33
10	20	2'-1"	22'-10"	8.57	10'	20	12"	40'-8 1/4"	13.64
10	30	1'-9"	24'-7"	9.68	10'	30	11 1/2"	41'-7 3/4"	13.95
10	40	1'-7 1/2"	26'-2 1/2"	10.17	10'	40	10-3/4"	42'-6 1/2"	14.46
10	50	1'-6 1/2"	27'-9"	10.53	10'	50	10'-0"	43'-4 1/2"	15.00
10	60	1'-4"	29'-1"	11.54	10'	60	8-3/4"	44'-1 1/4"	16.00
10	70	1'-2 1/2"	30'-3 1/2"	12.24	10'	70	9"	44'-10 1/4"	1579
10	80	1'-3"	31'-6 1/2"	12.00	10'	80	8 3/4"	45'-7"	16.00
10	90	1'-1 1/2"	32'-8"	12.76	10'	90	9 1/2"	46'-4 1/2"	15.38
10	100	12 1/2"	33'-8 1/2"	13.33	10'	100	8 3/4"	47'-1 1/4"	16.00
10	110	11 3/4"	34'-8 1/4"	13.79		110			
10	120	10 3/4"	35'-7"	14.46		120			
10	130	11 1/4"	36'-6 1/4"	14.12		130			
10	140	12 1/2"	37'-6 3/4"	13.33		140			
10	150	13"	38'-7 3/4"	13.04		150			

REMARKS Heat No. 50890
Tip Pile Elev. -45.04

CORRECT Georg D McCaw
PROJECT ENGINEER

APPROVED
ASSISTANT DIVISION ENGINEER

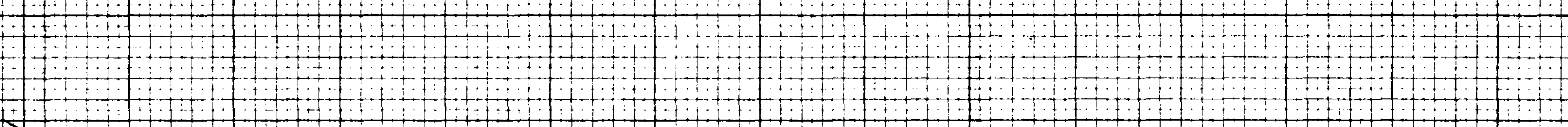
NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

Project S-635(5)B
Baldwin County
Test Pile Data
Pile No. 2, Bent 5
Left Lane
Sta. 518+60 –
Sta. 512+64

Tons	Elev.	Time	Date
0	12.1000	4:30 PM	9-24-68
5	12.1000	4:30	
10	12.1000	4:31	
15	12.1000	4:31	
20	12.0974	4:32	
25	12.0948	4:32	
30	12.0948	4:33	
35	12.0922	4:34	
40	12.0922	4:34	
45	12.0896	4:35	
50	12.0896	4:36	
55	12.0896	4:37	
60	12.0870	4:38	
65	12.0844	4:39	
70	12.0844	4:40 PM	
70	12.0844	5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 PM	9-24-68
		12:40 AM	9-25-68
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 AM	
		12:40 PM	
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 AM	9-25-68
		12:40 AM	9-26-68
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 AM	
		12:40 PM	
		1:40	
		2:40	
70		3:40	
70	12.0844	4:40	
65	12.0844	4:40	
60	12.0844	4:41	
55	12.0844	4:41	
50	12.0844	4:42	
45	12.0896	4:43	
40	12.0896	4:43	
35	12.0896	4:44	
30	12.0922	4:45	
25	12.0922	4:45	
20	12.0948	4:46	
15	12.0948	4:47	
10	12.0948	4:47	
5	12.0948	4:48	
0	12.0974	4:49 PM	9-26-68

Hydraulic Load

Elev. Top Pile
12.10



Scale .010 = 1/32" Vertical

C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

LEFT LANE

BRIDGE STATION 510+60 TO STATION 512+64

ROAD BETWEEN Daphne AND Spanish Fort

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-635(5)'B'

CONTRACTOR Concrete Const. Co, Inc. INSPECTOR McCaw & Garrett

DATE 9/24/69 STA. OR BENT NO. I PILE NO. 5 KIND OF SOIL Sand & Clay

KIND OF PILE Steel H Beam SIZE OF PILE 10"HP42 TOTAL LENGTH 55'111/2"

ELEV. GROUND LINE AT PILE 9.80 FINAL ELEV. AT TOP OF PILE 12.3900 TOTAL PENET 53'51/2"

NO RECORD FOR FIRST 10 FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10	10	6'91/2"	16'91/2"	3.28	10	10	1'31/4"	47'11/4"	11.88
"	20	3'6"	20'31/2"	5.77	"	20	1'23/4"	48'4"	12.12
"	30	2'2"	22'51/2"	8.33	"	30	"	49'63/4"	"
"	40	2'11/2"	24'7"	8.45	"	40	121/4"	50'7"	13.48
"	50	2'3/4"	26'73/4"	9.63	"	50	51/2"	51'1/2"	19.35
"	60	1'9"	28'43/4"	9.60	"	60	61/2"	51'7"	18.18
"	70	2'2"	30'63/4"	8.33	"	70	71/2"	52'21/2"	17.14
"	80	2'8"	33'23/4"	7.14	"	80	"	52'10"	"
"	90	"	35'103/4"	"	"	90	"	53'51/2"	"
"	100	2'1/2"	37'111/4"	8.70		100			
"	110	2'1/4"	39'111/2"	8.76		110			
"	120	1'91/2"	41'9"	9.52		120			
"	130	1'51/4"	43'21/4"	11.01		130			
"	140	1'41/2"	44'63/4"	11.32		140			
"	150	1'31/4"	45'10"	11.88		150			

REMARKS Heat No. 50890 Tip Pile-43.58

CORRECT George D McCaw
PROJECT ENGINEER

APPROVED Dan C. Allen
ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

Project S-635(8)B"

Baldwin County

Test Pile Data

Pile No. 5 Bent 1

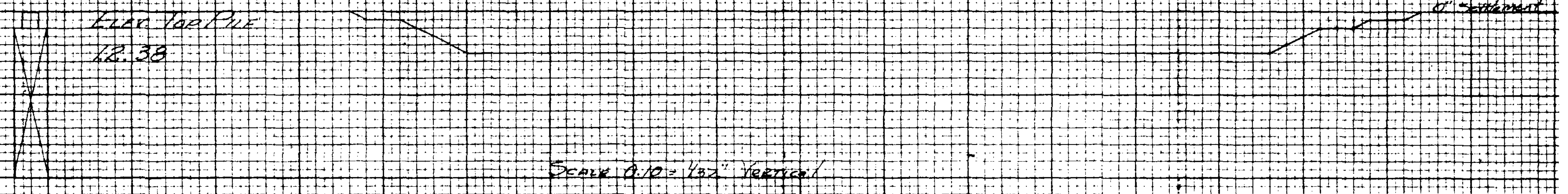
Left Lane

Sta. 510+60

Sta. 512+64

Tons	Elev.	Time	Date
0	12.3800	8:20 AM	9-25-68
5	12.3800	8:20	
10	12.3800	8:21	
15	12.3774	8:21	
20	12.3774	8:22	
25	12.3774	8:22	
30	12.3748	8:23	
35	12.3722	8:24	
40	12.3696	8:25	
44	12.3670	8:25	
	12.3670	9:25	
		10:25	
		11:25 AM	
		12:25 PM	
		1:25	
		2:25	
		3:25	
		4:25	
		5:25	
		6:25	
		7:25	
		8:25	
		9:25	
		10:25	
		11:25 PM	9-25-68
		12:25 AM	9-26-68
		1:25	
		2:25	
		3:25	
		4:25	
		5:25	
		6:25	
		7:25	
		8:25	
		9:25	
		10:25	
		11:25 AM	
		12:25 PM	
		1:25	
		2:25	
		3:25	
		4:25	
		5:25	
		6:25	
		7:25	
		8:25	
		9:25	
		10:25	
		11:25 PM	9-26-68
		12:25 AM	9-27-68
		1:25	
		2:25	
		3:25	
		4:25	
		5:25	
		6:25	
		7:25	
44		8:25	
40	12.3696	8:25	
35	12.3722	8:26	
30	12.3748	8:27	
25	12.3248	8:27	
20	12.3748	8:28	
15	12.3774	8:29	
10	12.3774	8:29	
5	12.3774	8:30	
0	12.3800	8:31 AM	9-27-68

Hydraulic Load



Scale 0.10 = 1/32" Vertical

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)'D' COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Construction Co. Inc INSPECTOR Garrett & Rider

BENT NO. 2 PILE NO. 5 MAX. LOAD 70 Tons

COMPUTED BEARING 12.50 Tons KIND OF PILE 10" Steel @ 42#

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-8-68	9:33 AM	0	1"	0	
"	9:32	5	1"	0	
"	9:33	10	1"	0	
"	9:34	15	1"	0	
"	9:34	20	1"	0	
"	9:35	25	31/32"	1/32"	
"	9:35	30	31/32"	1/32"	
"	9:36	35	31/32"	1/32"	
"	9:36	40	15/16"	1/16"	
"	9:37	45	29/32"	3/32"	
"	9:38	50	29/32"	3/32"	
"	9:38	55	7/8"	1/8"	
"	9:39	60	27/32"	5/32"	
"	9:39	65	13/16"	3/16"	
"	9:40	70	25/32"	7/32"	
"	10:40	"	"	"	
"	11:40 AM	"	"	"	
"	12:40 PM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
11-8-6	11:40 PM	"	"	"	
11-9-6	12:40 AM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
11-9-6	11:40 AM	70	25/32"	7/32"	

CORRECT ______________________ APPROVED ______________________

Project Engineer Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)"B" COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Construction Co. INSPECTOR Garretts Rider

BENT NO. 2 PILE NO. 5 MAX. LOAD 70 Tons

COMPUTED BEARING 12.50 KIND OF PILE 10" Steel BP42

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-9-68	12:40 PM	70	25/32"	7/32"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
11-9-68	11:40 PM	"	"	"	
11-10-68	12:40 AM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	70	25/32"	7/32"	
"	9:40	65	25/32"	7/32"	
"	9:41	60	25/32"	7/32"	
"	9:41	55	25/32"	7/32"	
"	9:41	50	25/32"	7/32"	
"	9:42	45	13/16"	3/16"	
"	9:42	40	27/32"	5/32"	
"	9:42	35	27/32"	5/32"	
"	9:43	30	27/32"	5/32"	
"	9:43	25	27/32"	5/32"	
"	9:43	20	7/8"	1/8"	
"	9:44	15	7/8"	1/8"	
"	9:44	10	29/32"	3/32"	
"	9:44	5	29/32"	3/32"	
11-10-68	9:45	0	29/32"	3/32"	3/32" Permanent Settlement.

CORRECT George D McCa
Project Engineer

APPROVED Sam C Col
ASSISTANT Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT [illegible] COUNTY [illegible]

BRIDGE: STATION [illegible] TO STATION [illegible]

CONTRACTOR [illegible] Co., Inc. INSPECTOR [illegible]

BENT NO. 2 PILE NO. 3 MAX. LOAD 44 Tons

COMPUTED BEARING 44.72 KIND OF PILE 10" Steel H 42

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-9-60	12:50 PM	44	17/16"	1/16"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	"	"	"	
"	10:50	"	"	"	
11-9-60	11:50 PM	"	"	"	
11-10-60	12:50 AM	"	"	"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	44	17/16"	1/16"	
"	9:51	40	17/16"	1/16"	
"	9:51	35	"	"	
"	9:52	30	"	"	
"	9:52	25	"	"	
"	9:53	20	"	"	
"	9:53	15	"	"	
"	9:54	10	115/32"	1/32"	
"	9:55	5	115/32"	1/32"	
11-10-60	9:55	0	115/32"	1/32"	1/32" permanent settlement

CORRECT ______________________ APPROVED ______________________
Project Engineer Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-629(5) COUNTY [illegible]

BRIDGE: STATION 510+60 TO STATION 522+04

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett G. [illegible]

BENT NO. 7 PILE NO. 3 MAX. LOAD [illegible]

COMPUTED BEARING 21.12 KIND OF PILE 10" Steel H BP

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-8-60	9:45 AM	0	1 1/8"	0	
"	9:45	5	1 1/8"	0	
"	9:46	10	1 1/8"	0	
"	9:46	15	1 1/8"	0	
"	9:47	20	1 1/8"	0	
"	9:47	25	1 1/8"	0	
"	9:48	30	1 5/32"	1/32"	
"	9:49	35	1 3/16"	1/16"	
"	9:49	40	1 3/16"	1/16"	
"	9:50	44	1 3/16"	1/16"	
"	10:50	"	"	"	
"	11:50 AM	"	"	"	
"	12:50 PM	"	"	"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	"	"	"	
"	10:50	"	"	"	
11-8-60	11:50 PM	"	"	"	
11-9-60	12:50 AM	"	"	"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	"	"	"	
"	10:50	"	"	"	
11-9-60	11:50 AM	44	1 3/16"	1/16"	

CORRECT
Project Engineer

APPROVED
ASSISTANT Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT [illegible] COUNTY Baldwin

BRIDGE: STATION [illegible] TO STATION [illegible]

CONTRACTOR [illegible] Const. Co. Inc. INSPECTOR [illegible]

BENT NO. [illegible] PILE NO. 2 MAX. LOAD 70 Ton

COMPUTED BEARING [illegible] KIND OF PILE Steel H Beam [illegible]

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/24/68	4:30 PM	0	1"	0	
"	4:30	5	1"	0	
"	4:31	10	1"	0	
"	4:31	15	1"	0	
"	4:32	20	31/32"	1/32"	
"	4:32	25	15/16"	1/16"	
"	4:33	30	15/16"	1/16"	
"	4:34	35	29/32"	3/32"	
"	4:34	40	29/32"	3/32"	
"	4:35	45	7/8"	1/8"	
"	4:36	50	7/8"	1/8"	
"	4:37	55	7/8"	1/8"	
"	4:38	60	27/32"	5/32"	
"	4:39	65	13/16"	3/16"	
"	4:40	70	13/16"	3/16"	
"	5:40	"	" "	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
"	11:40 PM	"	"	"	
9/25/68	12:40 AM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
"	11:40 AM	"	"	"	
"	12:40 PM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
"	11:40 PM	"	"	"	

CORRECT ____________________ APPROVED ____________________

Project Engineer Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635 (5) "B"   COUNTY Baldwin

BRIDGE: STATION 510+60   TO STATION 512+64

CONTRACTOR Concrete Const. Co. Inc.   INSPECTOR Rider, Joel R.

BENT NO. 5   PILE NO. 2   MAX. LOAD 70 Ton

COMPUTED BEARING 16.00   KIND OF PILE Steel H Beam 10"

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/25/65	12:40AM	70	13/16"	3/16"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
"	11:40AM	"	"	"	
"	12:40PM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	4:40	65	"	"	
"	4:41	60	"	"	
"	4:41	55	"	"	
"	4:42	50	27/32"	5/32"	
"	4:43	45	"	"	
"	4:43	40	7/8"	1/8"	
"	4:44	35	7/8"	1/8"	
"	4:45	30	29/32"	3/32"	
"	4:45	25	"	"	
"	4:46	20	15/16"	1/16"	
"	4:47	15	"	"	
"	4:47	10	"	"	
"	4:48	5	"	"	
"	4:49	0	31/32"	1/32"	1/32" Permanent Settlement

CORRECT ____________________ APPROVED ____________________

Project Engineer   ASSISTANT Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT [illegible] COUNTY [illegible]

BRIDGE: STATION [illegible] TO STATION [illegible]

CONTRACTOR [illegible] INSPECTOR [illegible]

BENT NO. [illegible] PILE NO. [illegible] MAX. LOAD [illegible]

COMPUTED BEARING [illegible] KIND OF PILE [illegible]

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/[illegible]/[illegible]	[illegible]	0	[illegible]	0	
[illegible]	[illegible]	[illegible]	[illegible]	0	
[illegible]	[illegible]	10	[illegible]	0	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
9/2[illegible]/[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Project Engineer APPROVED Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT [illegible] COUNTY [illegible]

BRIDGE: STATION [illegible] TO STATION [illegible]

CONTRACTOR [illegible] INSPECTOR [illegible]

BENT NO. [illegible] PILE NO. [illegible] MAX. LOAD [illegible]

COMPUTED BEARING [illegible] KIND OF PILE [illegible]

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/21/63	6:25	66	[illegible]/32"	5/32"	
"	7:25	"	"	"	
"	8:25	"	"	"	
"	9:25	"	"	"	
"	10:25	"	"	"	
"	11:[illegible]	"	"	"	
9/22/6[illegible]	12:[illegible]	"	"	"	
"	1:25	"	"	"	
"	2:25	"	"	"	
"	3:25	"	"	"	
"	4:25	"	"	"	
"	5:25	"	"	"	
"	6:25	"	"	"	
"	7:25	"	"	"	
"	8:25	"	"	"	
"	[illegible]	16	[illegible]/32"	5/32"	
"	9:26	35	[illegible]	1/8"	
"	9:[illegible]	[illegible]	[illegible]/32"	5/32"	
"	"	25	"	"	
"	9:20	20	[illegible]/16"	1/16"	
"	9:[illegible]	15	[illegible]/32"	1/32"	
"	9:29	10	"	"	
"	9:30	5	"	"	
9/23/6[illegible]	9:31	0	0"	0"	0" [illegible]
"					

George D. McCa[illegible]
Project Engineer

APPROVED [illegible]
ASSISTANT Division Engineer

ALABAMA HIGHWAY DEPARTMENT

Marion H. Wilkins
Highway Director

11 South Union Street Montgomery, Alabama 36104

W. F. Land
Chief Engineer

May 27, 1970

Received
MAY 27 1970
BUREAU OF BRIDGES
HIGHWAY DEPARTMENT

Mr. B. E. Higgins
Bridge Engineer
Alabama Highway Department
OFFICE

Re: S-635(5) "B"
Baldwin County ← Steel Piles

Dear Sir:

We attach, hereto, one copy of Driving Record of Steel Piling on the above referenced project.

Yours very truly,

C. A. Bowles

C. A. Bowles
Construction Engineer

WJH/mh

Attachment
cc: Mr. D. B. Flournoy ✓
File

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)'B' COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Construction Co. Inc. INSPECTOR Garrett & Rider

BENT NO. 2 PILE NO. 5 MAX. LOAD 70 Tons

COMPUTED BEARING 12.50 Tons KIND OF PILE 10" Steel @ 42#

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-8-68	9:33 AM	0	1"	0	
"	9:33	5	1"	0	
"	9:33	10	1"	0	
"	9:34	15	1"	0	
"	9:34	20	1"	0	
"	9:35	25	31/32"	1/32"	
"	9:35	30	31/32"	1/32"	
"	9:36	35	31/32"	1/32"	
"	9:36	40	15/16"	1/16"	
"	9:37	45	29/32"	3/32"	
"	9:38	50	29/32"	3/32"	
"	9:38	55	7/8"	1/8"	
"	9:39	60	27/32"	5/32"	
"	9:39	65	13/16"	3/16"	
"	9:40	70	25/32"	7/32"	
"	10:40	"	"	"	
"	11:40 AM	"	"	"	
"	12:40 PM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
11-8-68	11:40 PM	"	"	"	
11-9-68	12:40 AM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
11-9-68	11:40 AM	70	25/32"	7/32"	

CORRECT ______________________ APPROVED ______________________

Project Engineer Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)"B" COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Construction Co. INSPECTOR Garrett& Rider

BENT NO. 2 PILE NO. 5 MAX. LOAD 70 Tons

COMPUTED BEARING 12.50 KIND OF PILE 10" Steel BP@42#

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-9-68	12:40 PM	70	25/32"	7/32"	
" "	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	"	"	"	
"	10:40	"	"	"	
11-9-68	11:40 PM	"	"	"	
11-10-68	12:40 AM	"	"	"	
"	1:40	"	"	"	
"	2:40	"	"	"	
"	3:40	"	"	"	
"	4:40	"	"	"	
"	5:40	"	"	"	
"	6:40	"	"	"	
"	7:40	"	"	"	
"	8:40	"	"	"	
"	9:40	70	25/32"	7/32"	
"	9:40	65	25/32"	7/32"	
"	9:41	60	25/32"	7/32"	
"	9:41	55	25/32"	7/32"	
"	9:41	50	25/32"	7/32"	
"	9:42	45	13/16"	3/16"	
"	9:42	40	27/32"	5/32"	
"	9:42	35	27/32"	5/32"	
"	9:43	30	27/32"	5/32"	
"	9:43	25	27/32"	5/32"	
"	9:43	20	7/8"	1/8"	
"	9:44	15	7/8"	1/8"	
"	9:44	10	29/32"	3/32"	
"	9:44	5	29/32"	3/32"	
11-10-68	9:45	0	29/32"	3/32"	3/32" Permanent Settlement.

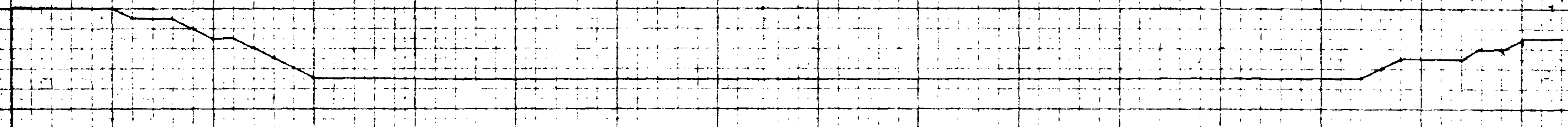
CORRECT
Project Engineer

APPROVED
ASSISTANT Division Engineer

PROJECT S-635(5)"B"
BALDWIN COUNTY
TEST PILE DATA
PILE NO. 5 BENT 2
RIGHT LANE
STA. 510+60 -
STA. 512+64

TONS	ELEV.	TIME	DATE
0	12.5300	9:33 A.M.	11-8-68
5	12.5300	9:33	
10	12.5300	9:33	
15	12.5300	9:34	
20	12.5300	9:34	
25	12.5274	9:35	
30	12.5274	9:35	
35	12.5274	9:36	
40	12.5248	9:36	
45	12.5222	9:37	
50	12.5222	9:38	
55	12.5190	9:38	
60	12.5170	9:39	
65	12.5144	9:39	
70	12.5118	9:40	
70	12.5118	10:40	11-8-68
		11:40 A.M.	
		12:40 P.M.	
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 P.M.	11-8-68
		12:40 A.M.	11-9-68
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40 A.M.	
		9:40	
		10:40	
		11:40 A.M.	
		12:40 P.M.	
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
		9:40	
		10:40	
		11:40 P.M.	11-9-68
		12:40 A.M.	11-10-68
		1:40	
		2:40	
		3:40	
		4:40	
		5:40	
		6:40	
		7:40	
		8:40	
70	12.5118	9:40	
65	12.5118	9:40	
60	12.5118	9:41	
55	12.5118	9:41	
50	12.5144	9:41	
45	12.5170	9:42	
40	12.5196	9:42	
35	12.5196	9:42	
30	12.5196	9:43	
25	12.5196	9:43	
20	12.5222	9:43	
15	12.5222	9:44	
10	12.5248	9:44	
5	12.5248	9:44	
0	12.5248	9:45	11-10-68

HYDRAULIC LOAD



3/32" PERMANENT SETTLEMENT

ELEV. TOP PILE

12.53

VERTICAL SCALE 0.10 = 1/32"

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)'B' COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett & Rider

BENT NO. 7 PILE NO. 3 MAX. LOAD 44 Tons

COMPUTED BEARING 14.12 KIND OF PILE 10" Steel @ 42#

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-8-68	9:45 AM	0	1½"	0	
"	9:45	5	1½"	0	
"	9:46	10	1½"	0	
"	9:46	15	1½"	0	
"	9:47	20	1½"	0	
"	9:47	25	1½"	0	
"	9:48	30	1 15/32"	1/32"	
"	9:49	35	1 7/16"	1/16"	
"	9:49	40	1 7/16"	1/16"	
"	9:50	44	1 7/16"	1/16"	
"	10:50	"	"	"	
"	11:50 AM	"	"	"	
"	12:50 PM	"	"	"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	"	"	"	
"	10:50	"	"	"	
11-8-68	11:50 PM	"	"	"	
11-9-68	12:50 AM	"	"	"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	"	"	"	
"	10:50	"	"	"	
11-9-68	11:50 AM	44	1 7/16"	1/16"	

CORRECT ______________________ APPROVED ______________________

Project Engineer Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)'B' COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Const., Co., Inc. INSPECTOR Garrett & Rider

BENT NO. 7 PILE NO. 3 MAX. LOAD 44 Tons

COMPUTED BEARING 44.12 KIND OF PILE 10" Steel @ 42#

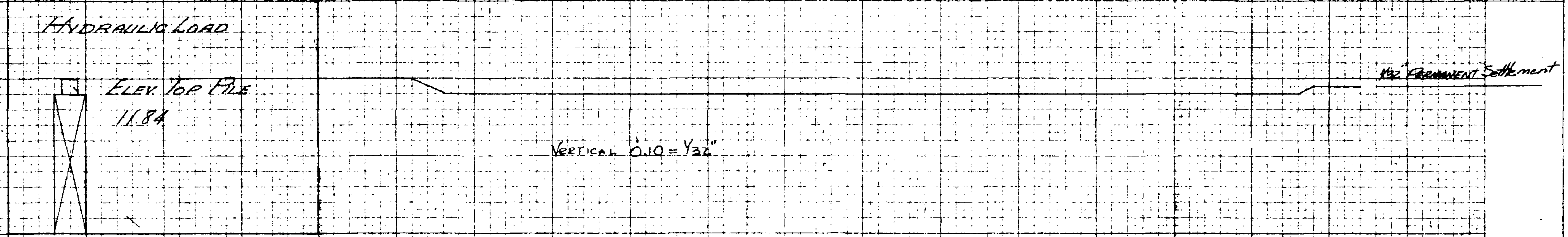
DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
11-9-68	12:50 PM	44	17/16"	1/16"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	"	"	"	
"	10:50	"	"	"	
11-9-68	11:50 PM	"	"	"	
11-10-68	12:50 AM	"	"	"	
"	1:50	"	"	"	
"	2:50	"	"	"	
"	3:50	"	"	"	
"	4:50	"	"	"	
"	5:50	"	"	"	
"	6:50	"	"	"	
"	7:50	"	"	"	
"	8:50	"	"	"	
"	9:50	44	17/16"	1/16"	
"	9:51	40	17/16"	1/16"	
"	9:51	35	"	"	
"	9:52	30	"	"	
"	9:52	25	"	"	
"	9:53	20	"	"	
"	9:53	15	"	"	
"	9:54	10	115/32"	1/32"	
"	9:55	5	115/32"	1/32"	
11-10-68	9:55	0	115/32"	1/32"	1/32" Permanent Settlement

CORRECT Project Engineer

APPROVED ASSISTANT Division Engineer

PROJECT S-635(E)"B"
BALDWIN COUNTY
TEST PILE DATA
PILE NO. 3 BENT 7
RIGHT LANE
STA. 510+60 -
STA. 512+64

DATE	TIME	ELEV.	TONS
11-8-68	9:45 AM	11.8400	0
	9:45	11.8400	5
	9:46	11.8400	10
	9:46	11.8400	15
	9:47	11.8400	20
	9:47	11.8400	25
	9:48	11.8374	30
	9:49	11.8348	35
	9:49	11.8348	40
11-8-68	9:50	11.8348	44
	10:50		
	11:50 AM		
	12:50 PM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
	8:50		
	9:50		
	10:50		
11-8-68	11:50 PM		
11-9-68	12:50 AM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
	8:50		
	9:50		
	10:50		
	11:50 AM		
	12:50 PM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
	8:50		
	9:50		
	10:50		
11-9-68	11:50 PM		
11-10-68	12:50 AM		
	1:50		
	2:50		
	3:50		
	4:50		
	5:50		
	6:50		
	7:50		
11-10-68	8:50		
	9:50	11.8348	44
	9:51	11.8349	40
	9:51	11.8348	35
	9:52	11.8349	30
	9:52	11.8348	25
	9:53	11.8348	20
	9:53	11.8348	15
	9:54	11.8374	10
	9:55	11.8374	5
11-10-68	9:55 AM	11.8374	0


HYDRAULIC LOAD
ELEV. TOP PILE
11.84
VERTICAL 0.10 = 1/32"
1/32" PERMANENT Settlement

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT [illegible] COUNTY [illegible]

BRIDGE: STATION [illegible] TO STATION [illegible]

CONTRACTOR [illegible] INSPECTOR [illegible]

BENT NO. [illegible] PILE NO. [illegible] MAX. LOAD [illegible]

COMPUTED BEARING [illegible] KIND OF PILE [illegible]

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

CORRECT ____________________ APPROVED ____________________

Project Engineer Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-685 (5) [illegible] COUNTY Baldwin

BRIDGE: STATION 910+69 TO STATION 912+60

CONTRACTOR Concrete Const. Co. Inc. INSPECTOR Gilmore, Joel G.

BENT NO. 9 PILE NO. 2 MAX. LOAD 70 Ton

COMPUTED BEARING 26.50 KIND OF PILE Steel H Beam 10"

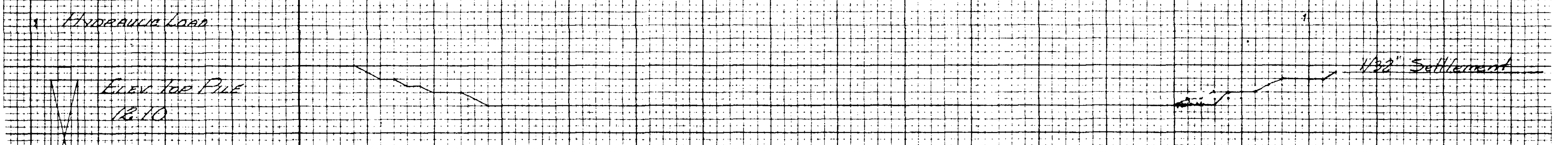
DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/26/63	12:00PM	70	13/16"	3/16"	
	1:00	"	"	"	
"	2:00	"	"	"	
"	3:00	"	"	"	
"	4:00	"	"	"	
"	5:00	"	"	"	
"	6:00	"	"	"	
"	7:00	"	"	"	
"	8:00	"	"	"	
"	9:00	"	"	"	
"	10:00	"	"	"	
"	11:00PM	"	"	"	
"	12:00AM	"	"	"	
"	1:00	"	"	"	
"	2:00	"	"	"	
"	3:00	"	"	"	
"	4:00	"	"	"	
"	4:00	65	"	"	
"	4:01	60	"	"	
"	4:01	55	"	"	
"	4:02	50	27/32"	5/32"	
"	4:03	45	"	"	
"	4:03	40	7/8"	1/8"	
"	4:04	35	7/8"	1/8"	
"	4:05	30	27/32"	3/32"	
"	4:05	25	"	"	
"	4:06	20	13/16"	1/16"	
"	4:07	15	"	"	
"	4:07	10	"	"	
"	4:08	5	"	"	
"	4:09	0	21/32"	1/32"	1/32" Permanent Settlement

RRECT George D McCa
Project Engineer

APPROVED
ASSISTANT Division Engineer

PROJECT S-635(5)B
BALDWIN COUNTY
TEST PILE DATA
PILE NO. 2 BENT 5
LEFT LANE
STA. 518+60 -
STA. 518+64

DATE	TIME	ELEV	TONS
9-24-68	4:30 PM	12:1000	0
	4:30	12:1000	5
	4:31	12:1000	10
	4:31	12:1000	15
	4:32	12:0974	20
	4:32	12:0948	25
	4:33	12:0948	30
	4:34	12:0922	35
	4:34	12:0922	40
	4:35	12:0896	45
	4:36	12:0896	50
	4:37	12:0896	55
	4:38	12:0870	60
	4:39	12:0844	65
	4:40 PM	12:0844	70
	5:40	12:0844	70
	6:40		
	7:40		
	8:40		
	9:40		
	10:40		
9-24-68	11:40 PM		
9-25-68	12:40 AM		
	1:40		
	2:40		
	3:40		
	4:40		
	5:40		
	6:40		
	7:40		
	8:40		
	9:40		
	10:40		
	11:40 AM		
	12:40 PM		
	1:40		
	2:40		
	3:40		
	4:40		
	5:40		
	6:40		
	7:40		
	8:40		
	9:40		
	10:40		
9-25-68	11:40 PM		
9-26-68	12:40 AM		
	1:40		
	2:40		
	3:40		
	4:40		
	5:40		
	6:40		
	7:40		
	8:40		
	9:40		
	10:40		
	11:40 AM		
	12:40 PM		
	1:40		
	2:40		
	3:40		70
	4:40	12.0844	70
	4:40	12.0844	65
	4:41	12.0844	60
	4:41	12.0844	55
	4:42	12.0844	50
	4:43	12.0896	45
	4:43	12.0896	40
	4:44	12.0896	35
	4:45	12.0922	30
	4:45	12.0922	25
	4:46	12.0948	20
	4:47	12.0948	15
	4:47	12.0948	10
	4:48	12.0948	5
9-26-68	4:49 PM	12.0974	0



SCALE 0.10 = 1/32" VERTICAL

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)'B' COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 510+64

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett & Rider

BENT NO. 1 PILE NO. 5 MAX. LOAD 44 ton

COMPUTED BEARING 17.14 KIND OF PILE Steel H Beam 10"

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/25/68	8:20AM	0	2"	0	
"	"	5	2"	0	
"	8:21	10	2"	0	
"	"	15	131/32"	1/32"	
"	8:22	20	"	"	
"	"	25	"	"	
"	8:23	30	129/32"	3/32"	
"	8:24	35	"	"	
"	8:25	40	17/8"	1/8"	
"	8:25	44	127/32"	5/32"	
"	9:25	"	"	"	
"	10:25	"	"	"	
"	11:25AM	"	"	"	
"	12:25PM	"	"	"	
"	1:25	"	"	"	
"	2:25	"	"	"	
"	3:25	"	"	"	
"	4:25	"	"	"	
"	5:25	"	"	"	
"	6:25	"	"	"	
"	7:25	"	"	"	
"	8:25	"	"	"	
"	9:25	"	"	"	
"	10:25	"	"	"	
"	11:25PM	"	"	"	
9/26/68	12:25AM	"	"	"	
"	1:25	"	"	"	
"	2:25	"	"	"	
"	3:25	"	"	"	
"	4:25	"	"	"	
"	5:25	"	"	"	
"	6:25	"	"	"	
"	7:25	"	"	"	
"	8:25	"	"	"	
"	9:25	"	"	"	
"	10:25	"	"	"	
"	11:25AM	"	"	"	
"	12:25PM	"	"	"	
"	1:25	"	"	"	
"	2:25	"	"	"	
"	3:25	"	"	"	
"	4:25	"	"	"	
9/26/68	5:25	"	"	"	

T ______________ Project Engineer

APPROVED ______________ Division Engineer

STATE HIGHWAY DEPARTMENT OF ALABAMA

PILE LOAD TEST RECORD

PROJECT S-635(5)!B! COUNTY Baldwin

BRIDGE: STATION 510+60 TO STATION 512+64

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett & Rider

BENT NO. 1 PILE NO. 5 MAX. LOAD 44 Ton

COMPUTED BEARING 17.14 KIND OF PILE Steel H Beam 10"

DATE	TIME INTERVAL	TONS APPLIED	GAUGE READING	DEFLECTION	REMARKS
9/26/68	6:25	44	127/32"	5/32"	
"	7:25	"	"	"	
"	8:25	"	"	"	
"	9:25	"	"	"	
"	10:25	"	"	"	
"	11:25PM	"	"	"	
9/27/68	12:25AM	"	"	"	
"	1:25	"	"	"	
"	2:25	"	"	"	
"	3:25	"	"	"	
"	4:25	"	"	"	
"	5:25	"	"	"	
"	6:25	"	"	"	
"	7:25	"	"	"	
"	8:25	"	"	"	
"	8:25	40	127/32"	5/32"	
"	8:26	35	17/8"	1/8"	
"	8:27	30	129/32"	3/32"	
"	"	25	"	"	
"	8:28	20	115/16"	1/16"	
"	8:29	15	131/32"	1/32"	
"	8:29	10	"	"	
"	8:30	5	"	"	
9/27/68	8:31	0	2"	0"	0" Settlement
"					

George D. McCa
Project Engineer

APPROVED Dan C. Coll
ASSISTANT Division Engineer

PROJECT S-635(8)"B"

BALDWIN COUNTY

TEST PILE DATA

PILE NO. 5 BENT 1

LEFT LANE

STA 510+60 -

STA 512+64

DATE	TIME	ELEV	TONS
9-25-68	8:20 AM	12.3800	0
	8:20	12.3800	5
	8:21	12.3800	10
	8:21	12.3774	15
	8:22	12.3774	20
	8:22	12.3774	25
	8:23	12.3748	30
	8:24	12.3722	35
	8:25	12.3696	40
	8:25	12.3670	44
	9:25	12.3670	
	10:25		
	11:25 AM		
	12:25 PM		
	1:25		
	2:25		
	3:25		
	4:25		
	5:25		
	6:25		
	7:25		
	8:25		
	9:25		
	10:25		
9-25-68	11:25 PM		
9-26-68	12:25 AM		
	1:25		
	2:25		
	3:25		
	4:25		
	5:25		
	6:25		
	7:25		
	8:25		
	9:25		
	10:25		
	11:25 AM		
	12:25 PM		
	1:25		
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9-26-68	11:25 PM		
9-27-68	12:25 AM		
	1:25		
	2:25		
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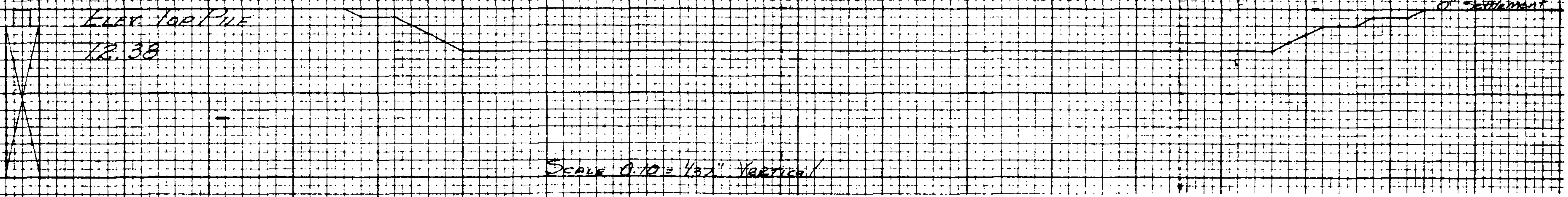
	4:25		
	5:25		
	6:25		
	7:25		
	8:25		44
	8:25	12.3696	40
	8:26	12.3722	35
	8:27	12.3748	30
	8:27	12.3748	25
	8:28	12.3748	20
	8:29	12.3774	15
	8:29	12.3774	10
	8:30	12.3774	5
9-27-68	8:31 AM	12.3800	0

HYDRAULIC LOAD

ELEV TOP PILE

12.38



SCALE 0.10 = 1/32" VERTICAL

C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

BRIDGE STATION 510+60 TO STATION 512+64

ROAD BETWEEN Spanish Fort AND Daphne

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-635(5)'B'

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett & Rider

DATE 11-6-68 STA. OR BENT NO. 2 PILE NO. 5 KIND OF SOIL Sand & Muck

KIND OF PILE Steel SIZE OF PILE 10"BP@42# TOTAL LENGTH 57'103/4"

ELEV. GROUND LINE AT PILE 1.70 FINAL ELEV. AT TOP OF PILE 12.53 TOTAL PENET. 47'3/4"

NO RECORD FOR FIRST 15' FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10'	10	72"	21'0"	3.66		10			
10'	20	49"	25'1"	5.08		20			
10'	30	46"	28'11"	5.36		30			
10' ~~X6X~~	40	36"	31'11"	6.52		40			
10'	50	283/4"	34'33/4"	7.74		50			
10'	60	23¼"	36'3"	9.02		60			
10'	70	19"-	37'$\overset{10}{8}$"	10.34		70			
10'	80	19¼"	39'5¼"	10.26		80			
10'	90	18"	40'11¼"	10.71		90			
10'	100	16¼"	42'$\overset{3}{4}$½"	11.43		100			
10'	110	143/4"	43'6¼"	12.12		110			
10'	120	14½"	44'83/4"	12.24		120			
10'	130	14"	45'103/4"	12.50		130			
10'	140	14"	47'3/4"	12.50		140			
	150					150			

REMARKS Heat No. 24155
Tip Pile Elev.-45.24

CORRECT George D. McCaw
PROJECT ENGINEER

APPROVED Don C. Collins
ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

BRIDGE STATION 51+50 TO STATION 52+64

ROAD BETWEEN Spanish Fort AND Daphne

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-595(5)'D'

CONTRACTOR Concrete Const. Co., Inc. INSPECTOR Garrett & Elder

DATE 11-7-60 STA. OR BENT NO. 7 PILE NO. 3 KIND OF SOIL Sand & Clay

KIND OF PILE Steel SIZE OF PILE 10" BP 42# TOTAL LENGTH 50'10½"

ELEV. GROUND LINE AT PILE 9.34 FINAL ELEV. AT TOP OF PILE 11.04 TOTAL PENET. 48'4¾"

NO RECORD FOR FIRST 10' FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOW S	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10'	10	39"	13'9"	6.12	10'	10	14"	38'11½"	12.50
10'	20	35½"	16'8½"	5.02	10'	20	14¼"	40'1¾"	12.37
10'	30	32½"	19'5"	7.06	10'	30	14"	41'3¾"	12.50
10'	40	19"	21'	10.34	10'	40	13½"	42'5¼"	12.77
10'	50	22½"	22'10½"	9.30	10'	50	12"	43'5¼"	13.04
10'	60	25"	24'11½"	8.51	10'	60	11½"	44'4¾"	13.95
10'	70	22½"	26'10"	9.23	10'	70	12¼"	45'5"	13.49
10'	80	21½"	28'7½"	9.92	10'	80	12½"	46'5½"	13.40
10'	90	17½"	30'1"	10.91	10'	90	12"	47'5½"	13.04
10'	100	14¾"	31'5¾"	11.21	10'	100	11¼"	48'4¾"	14.13
10'	110	15¾"	32'9½"	11.65		110			
10'	120	15½"	34'1"	11.76		120			
10'	130	14¾"	35'3¾"	12.12		130			
10'	140	15¼"	36'7"	11.68		140			
10'	150	~~XXXXXX~~ 14½"	~~XXXXX~~ 37'9½"	12.24		150			

REMARKS
Heat No. 50593
Tip Pile Elev.-39.03

CORRECT George D. McC
PROJECT ENGINEER

APPROVED Dan C Collins
ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

BRIDGE STATION 510+60 TO STATION 512+64

ROAD BETWEEN Daphne AND Spanish Fort

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-635(5)B

CONTRACTOR Concrete Construction Co. INSPECTOR McCaw, Garrett

DATE 9/23/68 STA. OR BENT NO. 5 PILE NO. 2 KIND OF SOIL Sandy, Muck

KIND OF PILE Steel SIZE OF PILE 10"BP@42 TOTAL LENGTH 57'-111/4"

ELEV. GROUND LINE AT PILE 1.26 FINAL ELEV. AT TOP OF PILE 12.1000 TOTAL PENET 47'-1 1/4"

NO RECORD FOR FIRST 15' FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOW S	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10	10	5'-9"	20'-9"	3.80	10'	10	12 1/2"	39'-8 1/4"	13.33
10	20	2'-1"	22'-10"	8.57	10'	20	12"	40'-8 1/4"	13.64
10	30	1'-9"	24'-7"	9.68	10'	30	11 1/2"	41'-7 3/4"	13.95
10	40	1'-7 1/2"	26'-2 1/2"	10.17	10'	40	10-3/4"	42'-6 1/2"	14.46
10	50	1'-6 1/2"	27'-9"	10.53	10'	50	10'-0"	43'-4 1/2"	15.00
10	60	1'-4"	29'-1"	11.54	10'	60	8-3/4"	44'-1 1/4"	16.00
10	70	1'-2 1/2"	30'-3 1/2"	12.24	10'	70	9"	44'-10 1/4"	1579
10	80	1'-3"	31'-6 1/2"	12.00	10'	80	8 3/4"	45'-7"	16.00
10	90	1'-1 1/2"	32'-8"	12.76	10'	90	9 1/2"	46'-4 1/2"	15.38
10	100	12 1/2"	33'-8 1/2"	13.33	10'	100	8 3/4"	47'-1 1/4"	16.00
10	110	11 3/4"	34'-8 1/4"	13.79		110			
10	120	10 3/4"	35'-7"	14.46		120			
10	130	11 1/4"	36'-6 1/4"	14.12		130			
10	140	12 1/2"	37'-6 3/4"	13.33		140			
10	150	13"	38'-7 3/4"	13.04		150			

REMARKS Heat No. 50890
Tip Pile Elev. -45.84

CORRECT George D. McCaw
PROJECT ENGINEER

APPROVED Dan C. Collins
ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

C-15C
Rev. 9/15/46

STATE HIGHWAY DEPARTMENT OF ALABAMA

TEST PILE RECORD

BRIDGE STATION 510+60 TO STATION 512+64

ROAD BETWEEN Daphne AND Spanish Fort

COUNTY Baldwin DIVISION 5 PROJECT NUMBER S-635(5)'B'

CONTRACTOR Concrete Const. Co, Inc. INSPECTOR McCaw & Garrett

DATE 9/24/68 STA. OR BENT NO. I PILE NO. 5 KIND OF SOIL Sand & Clay

KIND OF PILE Steel H Beam SIZE OF PILE 10"BP@42# TOTAL LENGTH 55'111/2"

ELEV. GROUND LINE AT PILE 9.88 FINAL ELEV. AT TOP OF PILE 12.3800 TOTAL PENET. 53'51/2"

NO RECORD FOR FIRST 10 FEET (NORMALLY 10 FEET) WEIGHT OF DROP HAMMER 3000 POUNDS

HEIGHT OF FALL	NO. BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING	HEIGHT OF FALL	NO BLOWS	PENETRATION 10 BLOWS	TOTAL PENET.	COMPUTED BEARING
10	10	6'91/2"	16'91/2"	3.28	10	10	1'31/4"	47'11/4"	11.88
"	20	3'6"	20'31/2"	5.77	"	20	1'23/4"	48'4"	12.12
"	30	2'2"	22'51/2"	8.33	"	30	"	49'63/4"	"
"	40	2'11/2"	24'7"	8.45	"	40	121/4"	50'7"	13.48
"	50	2'3/4"	26'73/4"	8.63	"	50	51/2"	51'1/2"	19.35
"	60	1'9"	28'43/4"	9.68	"	60	61/2"	51'7"	18.18
"	70	2'2"	30'63/4"	8.33	"	70	71/2"	52'21/2"	17.14
"	80	2'6"	33'23/4"	7.14	"	80	"	52'10"	"
"	90	"	35'103/4"	"	"	90	"	53'51/2"	"
"	100	2'1/2"	37'111/4"	8.70		100			
"	110	2'1/4"	39'111/2"	8.76		110			
"	120	1'91/2"	41'9"	9.52		120			
"	130	1'51/4"	43'21/4"	11.01		130			
"	140	1'41/2"	44'63/4"	11.32		140			
"	150	1'31/4"	45'10"	11.88		150			

REMARKS Heat No. 50890 Tip Pile-43.58

CORRECT George D. McCaw
PROJECT ENGINEER

APPROVED
ASSISTANT DIVISION ENGINEER

NOTE: Drive all piles to bearing indicated. If more than 300 blows are required continue on another sheet. Fix height of fall after first ten feet of penetration and maintain it constant until driving of pile is completed. Show tip and butt deminsions for timber and concrete piles. Show size and weight of steel piles. Minimum weight of drop hammers 2000 lbs. for timber, 3000 lbs. for 8" steel and 3000 lbs. for 10" steel piles. Bearing shall be computed by formulas given in standard specifications. Driving should be continuous. Note any interruptions exceeding one hour.

ALABAMA HIGHWAY DEPARTMENT
ALABAMA HIGHWAY DEPARTMENT

Marion H. Wilkins
Highway Director

11 South Union Street Montgomery, Alabama 36104

W. F. Land
Chief Engineer

May 27, 1970

BH

Received
MAY 27 1970
BUREAU [illegible] DGES
HIGHWAY DEPARTMENT

Mr. B. E. Higgins
Bridge Engineer
Alabama Highway Department
OFFICE

Re: S-635(5) "B"
Baldwin County ← Steel Piles

Dear Sir:

We attach, hereto, one copy of Driving Record of Steel Piling on the above referenced project.

Yours very truly,

C. A. Bowles

C. A. Bowles
Construction Engineer

WJH/mh

Attachment
cc: Mr. D. B. Flournoy
File