



FOB JAMES, JR
GOVERNOR

ALABAMA
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION BUREAU
1409 COLISEUM BOULEVARD
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JIMMY BUTTS
TRANSPORTATION DIRECTOR

May 21, 1996

Mr George T Ray
Transportation Planning Engineer
Alabama Department Of Transportation
OFFICE

RE Project No BRF-7501(8)
Mobile/Baldwin Counties

Dear Sir

We are attaching, hereto, Driving Records of Steel Piling, on the above referenced project

Yours Very Truly,

N S Cauthen
Construction Engineer

LB/glc
Attachment
cc File

ALABAMA DEPARTMENT OF TRANSPORTATION DRIVING RECORD OF PILING

Revised 08-07-95

Project Number BR-7501(8)			County MOBILE/BALDWIN			Division NINTH		
Bridge: Station 257+75.75		to Station 272+26.25		Bridge Identification Number 16035				
Road Between MOBILE					and SPANISH FORT		Lane (if applicable) EB	
Contractor MCINNIS CORPORATION			Sub-Contractor P&H CONSTRUCTION			Inspector BILLY GRADICK		
Kind of Piling PPCP				Size of Piling 14" SQUARE				
Hammer Make KOBE			Hammer Model K-22			Hammer Kind OPEN		
Hammer Type DIESEL			Hammer Action SINGLE			Design Load (from plans) 35 TONS		

Date	Bent No.	Pile No.	Proposed Length (feet)	Furn. Length (feet)	Added Pile (feet)	Pile Head No.	Actual Length Cutoff (feet)	Actual Length in Str. (feet)	Total Splices	Height of Fall (feet)	Energy Delivered (ft-lbs.)	Blows per Ft. of Penet.	Tip Elev.	Bearing (tons)
3-28-96	1	1	60.0	60.0	0		0	60.0		5	22994	27	-49.0	112
3-28-96	1	2	60.0	60.0	0		0	60.0		5	22994	30	-49.0	115
3-28-96	1	3	60.0	60.0	0		0	60.0		5	22994	36	-49.0	123
3-28-96	1	4	60.0	60.0	0		0	60.0		6	27533	30	-49.0	140
3-28-96	1	5	60.0	60.0	0		0	60.0		5	22994	39	-49.0	127
3-28-96	1	6	60.0	60.0	0		0	60.0		5	22994	33	-49.0	119
1-19-96	1	7	TEST	PILE						5	22994	23	-49.0	105
3-27-96	1	8	60.0	60.0	0		0	60.0		5	22994	45	-49.0	135
3-27-96	1	9	60.0	60.0	0		0	60.0		7	32122	21	-49.0	118
3-27-96	1	10	60.0	60.0	0		0	60.0		6	27533	28	-49.0	135
3-27-96	1	11	60.0	60.0	0		0	60.0		5	22994	54	-49.0	147
3-27-96	1	12	60.0	60.0	0		0	60.0		5	22994	30	-49.0	115
3-27-96	1	13	60.0	60.0	0		0	60.0		5	22994	30	-49.0	115
3-27-96	1	14	60.0	60.0	0		0	60.0		6	27533	26	-49.0	130
TOTALS:														
BENT No 1			780.0	00			0	780.0						

REMARKS

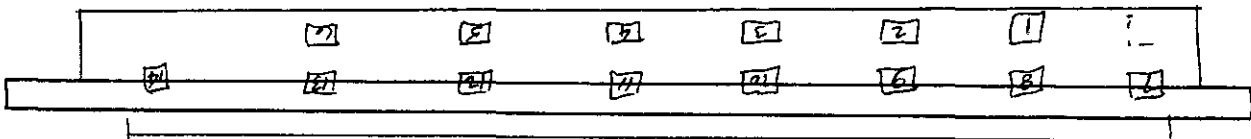
- 1 Bents numbered as per plans. In general, piles numbered from left to right.
 - 2 Draw sketches on back showing numbering sequence of piles in abutments, trestle bents, and bent footings. Also show any changes in plans on back.
- * BEARINGS EXTRAPOLATED FROM REVISED BEARING CURVES DATED 3-8-96.

Correct *[Signature]*
Project Engineer

Approved R. F. POIROUX
Division Engineer

By: *[Signature]*
Division Construction Engineer

INCREASING
STATIONS



ABUTMENT 1

0.000
1.000
2.000
3.000
4.000
5.000
6.000
7.000
8.000

ALABAMA DEPARTMENT OF TRANSPORTATION DRIVING RECORD OF PILING

Revised 08-07-95

Project Number BR-7501(8)				County MOBILE / BALDWIN				Division NINTH			
Bridge Station 257+75.75		to Station 272+26.25		Bridge Identification Number 16035							
Road Between MOBILE						and SPANISH FORT		Lane (if applicable) EB			
Contractor McINNIS CORPORATION				Sub-Contractor P & H CONSTRUCTION				Inspector B. GRADICK			
Kind of Piling PPCP				Size of Piling 14" SQUARE							
Hammer Make KOBE				Hammer Model K-22				Hammer Kind OPEN			
Hammer Type DIESEL				Hammer Action SINGLE				Design Load (from plans) 35 TONS			

Date	Bent No.	Pile No.	Proposed Length (feet)	Furn. Length (feet)	Added Pile (feet)	Pile Head No.	Actual Length Cutoff (feet)	Actual Length in Str. (feet)	Total Splices	Height of Fall (feet)	Energy Delivered (ft-lbs.)	Blows per Ft. of Penet.	Tip Elev.	Bearing (tons)
4-2-96	12	1	60.0	60	0		00	60		4	18356	4	-49	100*
4-2-96	12	2	60.0	60	0		0	60		4	18356	5	-49	120*
4-2-96	12	3	60.0	60	0		0	60		5	22994	7	-49	170*
4-2-96	12	4	60.0	60	0		0	60		5	22994	5	-49	130*
4-2-96	12	5	60.0	60	0		0	60		4	18356	6	-49	135*
4-2-96	12	6	60.0	60	0		0	60		5	22994	6	-49	150*
4-2-96	12	7	60.0	60	0		0	60		5	22994	7	-49	170*
4-1-96	12	8	60.0	60	0		0	60		5	22994	8	-49	180*
4-1-96	12	9	60.0	60	0		0	60		5	22994	7	-49	170*
4-1-96	12	10	60.0	60	0		0	60		5	22994	5	-49	130*
4-1-96	12	11	60.0	60	0		0	60		4	18356	4	-49	100*
4-1-96	12	12	60.0	60	0		0	60		4	18356	4	-49	100*
4-1-96	12	13	60.0	60	0		0	60		5	22994	6	-49	150*
4-1-96	12	14	60.0	60	0		0	60		4	18356	7	-49	152*
TOTALS:														
BENT NO. 12			840.0	0			0	840.0						

REMARKS

- 1 Bents numbered as per plans. In general, piles numbered from left to right.
- 2 Draw sketches on back showing numbering sequence of piles in abutments, trestle bents, and bent footings. Also show any changes in plans on back.

Correct *[Signature]*
Project Engineer

Approved R. F. POIROUX
Division Engineer

By: *[Signature]*
Division Construction Engineer

INCREASING
STATIONS



ABUTMENT 12

ALABAMA DEPARTMENT OF TRANSPORTATION DRIVING RECORD OF PILING

Revised 08-07-95

Project Number BR-7501(8)				County MOBILE/BALDWIN				Division NINTH							
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Road Between MOBILE								and SPANISH FORT				Lane (if applicable) EB			
Contractor MCINNIS CORPORATION						Sub-Contractor P&H CONSTRUCTION				Inspector BILLY GRADICK					
Kind of Piling PPCP								Size of Piling 14" SQUARE							
Hammer Make KOBÉ						Hammer Model K-22				Hammer Kind OPEN					
Hammer Type DIESEL						Hammer Action SINGLE				Design Load (from plans) 35 TONS					

Date	Bent No.	Pile No.	Proposed Length (feet)	Furn. Length (feet)	Added Pile (feet)	Pile Head No.	Actual Length Cutoff (feet)	Actual Length in Str. (feet)	Total Splices	Height of Fall (feet)	Energy Delivered (ft-lbs)	Blows per Ft. of Penetr.	Tip Elev.	Bearing (tons) *
3-28-96	1	1	60.0	60.0	0		0	60.0		5	22994	27	-49.0	112
3-28-96	1	2	60.0	60.0	0		0	60.0		5	22994	30	-49.0	115
3-28-96	1	3	60.0	60.0	0		0	60.0		5	22994	36	-49.0	123
3-28-96	1	4	60.0	60.0	0		0	60.0		6	27533	30	-49.0	140
3-28-96	1	5	60.0	60.0	0		0	60.0		5	22994	39	-49.0	127
3-28-96	1	6	60.0	60.0	0		0	60.0		5	22994	33	-49.0	119
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3-27-96	1	9	60.0	60.0	0		0	60.0		7	32122	21	-49.0	118
3-27-96	1	10	60.0	60.0	0		0	60.0		6	27533	28	-49.0	135
3-27-96	1	11	60.0	60.0	0		0	60.0		5	22994	54	-49.0	147
3-27-96	1	12	60.0	60.0	0		0	60.0		5	22994	30	-49.0	115
3-27-96	1	13	60.0	60.0	0		0	60.0		5	22994	30	-49.0	115
3-27-96	1	14	60.0	60.0	0		0	60.0		6	27533	26	-49.0	130
TOTALS:														
BENT NO. 1			780.0		0		0	780.0						

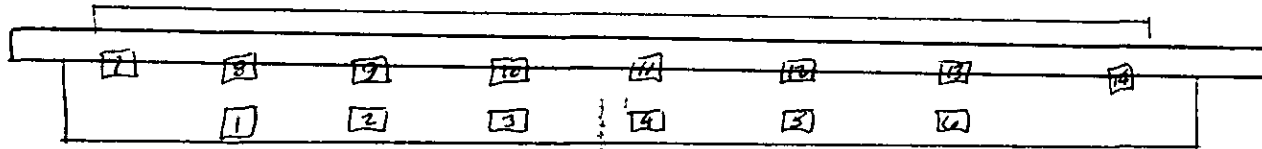
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Correct *[Signature]*
Project Engineer

Approved R. F. POIROUX
Division Engineer
By: *[Signature]*
Division Construction Engineer

ABUTMENT 1



INCREASING
STATIONING

ALABAMA DEPARTMENT OF TRANSPORTATION DRIVING RECORD OF PILING

Revised 08-07-95

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Bridge Station 257+75.75						to Station 272+26.25				Bridge Identification Number 16035					
Road Between MOBILE								and SPANISH FORT				Lane (if applicable) EB			
Contractor McINNIS CORPORATION						Sub-Contractor P & H CONSTRUCTION				Inspector B. GRADICK					
Kind of Piling PPCP						Size of Piling 14" SQUARE									
Hammer Make KOBE				Hammer Model K-22				Hammer Kind OPEN							
Hammer Type DIESEL				Hammer Action SINGLE				Design Load (from plans) 35 TONS							

Date	Bent No.	Pile No.	Proposed Length (feet)	Furn Length (feet)	Added Pile (feet)	Pile Heat No.	Actual Length Cutoff (feet)	Actual Length in Str. (feet)	Total Splices	Height of Fall (feet)	Energy Delivered (ft-lbs.)	Blows per Ft. of Penet.	Tip Elev.	Bearing (tons)
4-2-96	12	1	60.0	60	0		0	60		4	18356	4	-49	100*
4-2-96	12	2	60.0	60	0		0	60		4	18356	5	-49	120*
4-2-96	12	3	60.0	60	0		0	60		5	22994	7	-49	170*
4-2-96	12	4	60.0	60	0		0	60		5	22994	5	-49	130*
4-2-96	12	5	60.0	60	0		0	60		4	18356	6	-49	135*
4-2-96	12	6	60.0	60	0		0	60		5	22994	6	-49	150*
4-1-96	12	7	60.0	60	0		0	60		5	22994	7	-49	170*
4-1-96	12	8	60.0	60	0		0	60		5	22994	8	-49	180*
4-1-96	12	9	60.0	60	0		0	60		5	22994	7	-49	170*
4-1-96	12	10	60.0	60	0		0	60		5	22994	5	-49	130*
4-1-96	12	11	60.0	60	0		0	60		4	18356	4	-49	100*
4-1-96	12	12	60.0	60	0		0	60		4	18356	4	-49	100*
4-1-96	12	13	60.0	60	0		0	60		5	22994	6	-49	150*
4-1-96	12	14	60.0	60	0		0	60		4	18356	7	-49	152*
TOTALS:														
BENT NO. 12			840.0		0		0	840.0						

REMARKS

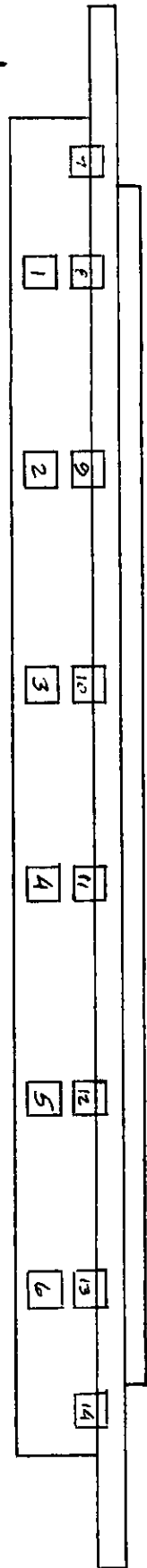
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Correct *[Signature]*
Project Engineer

Approved R. F. POIROUX
Division Engineer

By: *Vincent E. Calamatt*
Division Construction Engineer

INCREASING
STATIONS



ABUTMENT 12