Nowa Department of Transportation

ENGLISH LOG OF PILING DRIVEN WITH WAVE EQUATION

Project No.	Anybody'	s Guess		Pile (Type and Size)	Steel HP 10 x 42				
County	Somepla	ce in Iowa			(Wood, Steel or Concrete)				
Design No.	389			Hammer (Type & Model)	0				
Contractor	Someboo	ly Construction Co.			(Gravity or Diesel manufacturer and model)				
Driving Gr	aph No.	40-306-01-755		Foundation Description					
Plan Driving Re	sistance	40	Tons		(North abut, Pier 1, etc.)				

Station of Foundation C.L. 1336+88.40

Sketch foundation below, number each pile and show steel H-pile orientation as installed. Note battered piles on sketch, and give the amount of batter. Place name and certificate number of welder below if welding was necessary. Forward copies, including driving graph, as outlined in the construction manual. Note on drawing which pile has been logged.

Batter Piling		in the	in the direction shown.												
•	-	-	•	•	•	•		•	-	•	•	-	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	-	•	•	-	•	•	•
				Logge	dpile				-			•.			
•	•	•	•	•	. \		•	•	•	•	•	↑	•	•	•
•	-	•	•	· ·					-	•	•		·	•	•
				н	н	Н	н	Н							
				1	2	3	4	5				.I			
												Ν			
	-		-						-		-				

Pher Length Length Length (1, cluot) Pero Driven (1, cluot) Pero Reistance (1, cluot) Pero Reistance (1, cluot) Pero Reistance (1, cluot) Pero Reistance (1, cluot) Reistance (1, cluot)<			(1)					RETAP (2)						PILE EXTENSIONS (3)					
No. Driven (tt,) (10)			Plan	Length	Blows	Ram	Driven		Ram	Blows	Driven	Length	Length	Ram	Blows	Driven			
1 01/05/06 60 0.0 33 5.0 31 01/06/06 5.0 35 33 10.0 3.0 6 69 5.2 1 2 01/05/06 60 0.0 35 5.0 33 01/06/06 5.5 40 46 1								D /											
1 100 10 <th< td=""><td></td><td></td><td>. ,</td><td>. ,</td><td></td><td>. ,</td><td>. ,</td><td></td><td>. ,</td><td></td><td>. ,</td><td>· ,</td><td>, ,</td><td>. ,</td><td></td><td></td><td>, ,</td></th<>			. ,	. ,		. ,	. ,		. ,		. ,	· ,	, ,	. ,			, ,		
3 01/05/06 60 0.8 40 5.0 42 Image: Constraint of the con												10.0	3.0	6	69	52	1		
4 01/05/06 60 0.3 70 6.0 53	2							01/06/06	5.5	40	46								
5 01/05/06 60 0.4 74 6.0 54 Image: Constraint of the state of the	3	01/05/06	60	0.8	40	5.0	42												
Image: series of the series	4	01/05/06	60	0.3	70	6.0	53												
Image: state in the state interpretation of the state interpretation o	5	01/05/06	60	0.4	74	6.0	54												
Image: series of the series																			
Image: Section of the section of t																			
Image: state in the state interval of the state i																			
Image: state in the state																			
Image: state in the state																			
Image: state of the state																			
Image: state in the state			-																
Image: state of the state																			
Image: state of the state																			
Image: state of the state																			
Image: state in the state																			
Image: state of the state																			
Image: state of the state																			
Image: state of the state																			
Total Welds:1															т	otal Welds:	1		
 Record in the Remarks section below if the pile length is anything other than the plan length at the beginning of drive. 	(1)	Record in t	he Remark	ks section b	pelow if the	pile lengt	h is anything	other than t	he plan ler	ngth at the	beginning of	drive.							
(2) Indicate date of retap in date column (1 day delay min.). List only pile actually checked. Plan Length: 300.0 Feet	(2)	Indicate da	te of retap	in date col	umn (1 da	y delay mi	n.). List only	pile actually	checked.					Pla	an Length:	300.0	Feet		
(3) Additional pile length to be authorized by Construction Office. Extensions: 10.0 Feet	. ,				,										•		-		

Welders Name:		Lab No.:	Exp. Date:	Total: <u>310.</u>	0 Feet
Remarks:					_
					_
-	Inspector	Date		Project Engineer	_

lowa Department of Transportation

ENGLISH LOG OF PILING DRIVEN WITH WAVE EQUATION

Project No.	Anybody's Guess		Pile (Type and Size) Steel HP 10 x 42
County	Someplace in Iowa		(Wood, Steel or Concrete)
Design No.	389		Hammer (Type & Model) Delmag D-12
Contractor	Somebody Construction Co.		(Gravity or Diesel manufacturer and model)
Driving Gr	aph No. 40-306-01-755		Foundation Description North Abutment
Plan Driving Re	sistance 40	Tons	(North abut, Pier 1, etc.)

Station of Foundation C.L. 1336+88.40

Sketch foundation below, number each pile and show steel H-pile orientation as installed. Note battered piles on sketch, and give the amount of batter. Place name and certificate number of welder below if welding was necessary. Forward copies, including driving graph, as outlined in the construction manual. Note on drawing which pile has been logged.

Batter Pi	Batter Piling		e direction	shown.											
•	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		•	•		•	•	•	•			•	•			
		•	•		•	•	•	•	•	•	•	•			
	•	•	•	Logge	d pile	•		•	•	•	•	·		•	•
	•	•	•	•	. \	、 ・		•	•	•	•	↑		•	•
	•	•							•	•				•	•
				Н	н	Н	н	Н							
	•			1	2	3	4	5							
	•			•				•				Ν			

		(1) RETAP (2)								PILE EXTENSIONS (3)						
		Plan	Length	Blows	Ram	Driven		Ram	Blows	Driven	Length	Length	Ram	Blows	Driven	
Pile No.	Date Driven	Length (ft.)	Cutoff (0.0 ft.)	Per Foot	Rise (ft.)	Resistance (Tons)	Date	Rise (ft.)	Per Foot	Resistance (Tons)	Added (0.0 ft.)	Cutoff (0.0 ft.)	Rise (ft.)	Per Foot	Resistance (Tons)	Welds (Count
3	01/05/06	25.0	(0.0 11.)	6	4.5	10	Date	(10)	1 001	(1013)	(0.0 11.)	(0.0 11.)	(11.)	1 001	(1013)	(Ooun
Ū	01/00/00	30.0		8	4.5	13										
		35.0		9	4.5	10										
		40.0		12	4.5	17										
		45.0		16	5.0	20										
		50.0		24	5.0	28										
		55.0		30	5.0	30										
		56.0		32	5.0	31										
		57.0		35	5.0	34										
		58.0		37	5.0	36										
		59.0		38	5.0	39										
		60.0	0.8	40	5.0	42										
(1)	Record in t	ho Domori	ra coation h	olow if the	nilo longt	h io opything	othor than t	ho plop lor	ath at the	beginning of	drivo			Т	otal Welds:	1
						n.). List only			iyu a de	beginning of	unve.		Pla	an Lenath.		Feet
. ,	Additional p					, ,	ss dotadny	0.1001001					F	xtensions:		Feet
(0)													-			
Weld	ers Name:				Lab No.:		E	Exp. Date:		_				Total:		Feet
	Remarks:															

Date

Project Engineer