Form 830209(E) 9/06

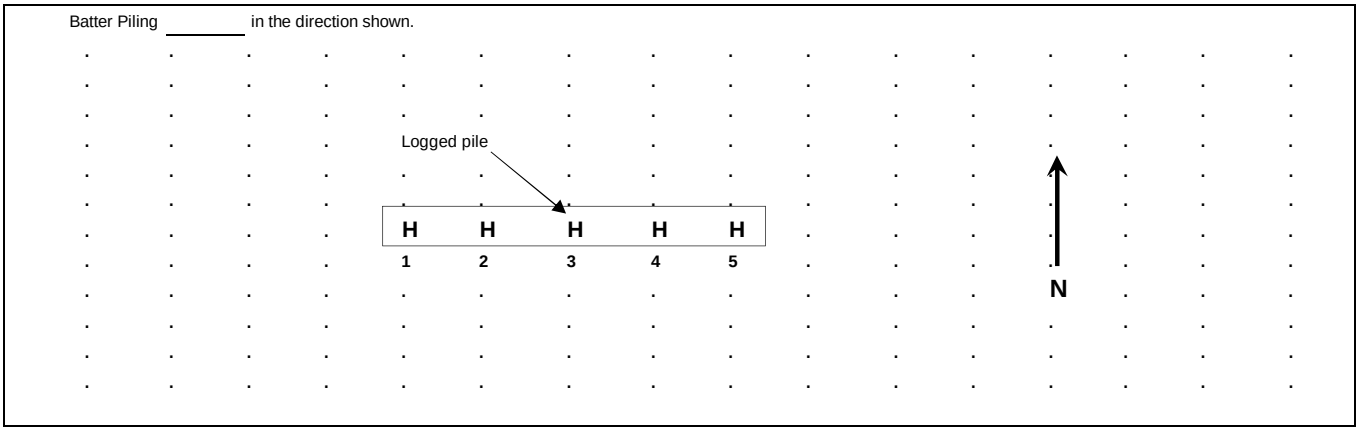
Iowa Department of Transportation

ENGLISH LOG OF PILING DRIVEN WITH WAVE EQUATION

Project No. Anybody's Guess
County Someplace in Iowa
Design No. 389
Contractor Somebody Construction Co.
Driving Graph No. 40-306-01-755
Plan Driving Resistance 40 Tons

Pile (Type and Size) Steel HP 10 x 42 (Wood, Steel or Concrete)
Hammer (Type & Model) Delmag D-12 (Gravity or Diesel manufacturer and model)
Foundation Description North Abutment (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.



Pile No.	Date Driven	(1) Plan Length (ft.)	Length Cutoff (0.0 ft.)	Blows Per Foot	Ram Rise (ft.)	Driven Resistance (Tons)	RETAP (2) Date	RETAP Ram Rise (ft.)	RETAP Blows Per Foot	RETAP Driven Resistance (Tons)	PILE EXTENSIONS (3) Length Added (0.0 ft.)	PILE EXTENSIONS Length Cutoff (0.0 ft.)	PILE EXTENSIONS Ram Rise (ft.)	PILE EXTENSIONS Blows Per Foot	PILE EXTENSIONS Driven Resistance (Tons)	Welds (Count)
1	01/05/06	60	0.0	33	5.0	31	01/06/06	5.0	35	33	10.0	3.0	6	69	52	1
2	01/05/06	60	0.0	35	5.0	33	01/06/06	5.5	40	46						
3	01/05/06	60	0.8	40	5.0	42										
4	01/05/06	60	0.3	70	6.0	53										
5	01/05/06	60	0.4	74	6.0	54										

Total Welds: 1

(1) Record in the Remarks section below if the pile length is anything other than the plan length at the beginning of drive.
(2) Indicate date of retap in date column (1 day delay min.). List only pile actually checked.
(3) Additional pile length to be authorized by Construction Office.

Plan Length: 300.0 Feet
Extensions: 10.0 Feet
Total: 310.0 Feet

Welders Name: _____ Lab No.: _____ Exp. Date: _____

Remarks: _____

Inspector _____ Date _____ Project Engineer _____

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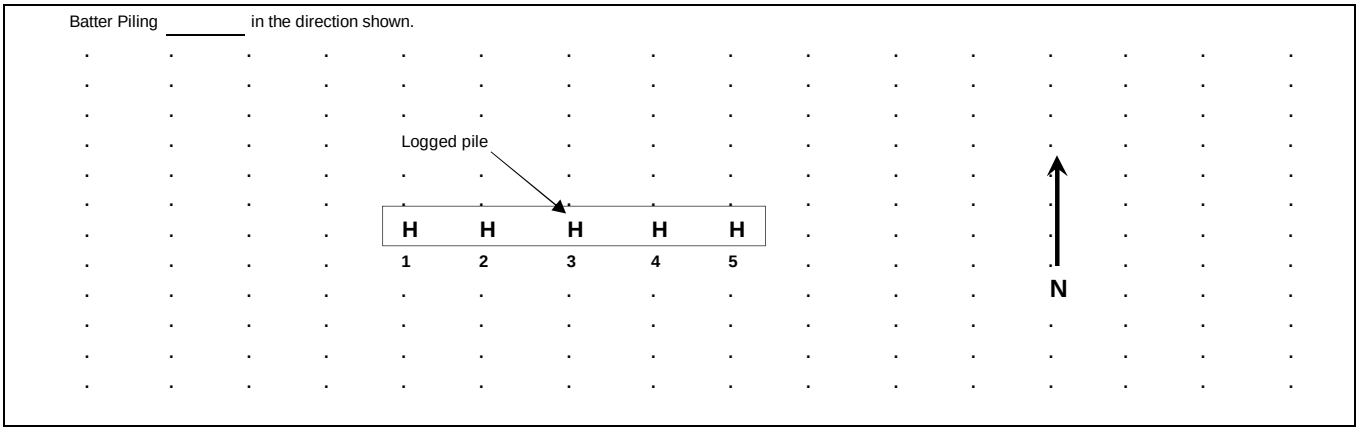

Pile No.	Date Driven	(1) Plan Length (ft.)	Length Cutoff (0.0 ft.)	Blows Per Foot	Ram Rise (ft.)	Driven Resistance (Tons)	RETAP (2) Date	Ram Rise (ft.)	Blows Per Foot	Driven Resistance (Tons)	PILE EXTENSIONS (3) Length Added (0.0 ft.)	Length Cutoff (0.0 ft.)	Ram Rise (ft.)	Blows Per Foot	Driven Resistance (Tons)	Welds (Count)
3	01/05/06	25.0		6	4.5	10										
		30.0		8	4.5	13										
		35.0		9	4.5	14										
		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										

Total Welds: 1

(1) Record in the Remarks section below if the pile length is anything other than the plan length at the beginning of drive.

(2) Indicate date of retap in date column (1 day delay min.). List only pile actually checked.

(3) Additional pile length to be authorized by Construction Office.

Plan Length: _____ Feet

Extensions: _____ Feet

Total: _____ Feet

Welders Name: _____ Lab No.: _____ Exp. Date: _____

Remarks: _____

Inspector _____ Date _____ Project Engineer _____