



LOG OF PILING DRIVEN BY FORMULA

Project No. _____ Pile (Type and Size) _____
 County _____ (Wood, Steel or Concrete)
 Design No. _____ Hammer (Type & Model) _____
 Contractor _____ (Gravity or Diesel manufacturer and model)
 Iowa DOT Hammer No. _____ Foundation Description _____
 Gross Weight of Hammer _____ Effective Wt. _____ (North abut, Pier 1, etc.)
 Weight of Driving Parts _____ Station of Foundation C.L. _____
 Weight of Anvil _____
 Weight of Cap _____ Cap No. _____ Formula Used _____
 Weight of Pile _____
 Plan Pile Length _____ Plan Driving Resistance _____

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 2 copies to the Iowa DOT District Office upon completion of each foundation. Note on drawing which pile has been logged

Batter Piling _____ in the direction shown.

.
.
.
.
.
.
.

Pile No.	Date Driven	(1) Plan Length (ft.)	Length Cutoff (0.0 ft.)	(2) Average Penetration Last Blows (inches)	Ram Rise (ft.)	Driven Resistance (Tons)	RETAP (3)				PILE EXTENSIONS (4)					Welds (Count)
							Date	Ram Rise (ft.)	(2) Ave. Penetration Last Blows (inches)	Driven Resistance (Tons)	Length Added (0.0 ft.)	Length Cutoff (0.0 ft.)	Ram Rise (ft.)	(2) Ave. Penetration Last Blows (inches)	Driven Resistance (Tons)	

- (1) Record in the Remarks section below if the pile length is anything other than the plan length at the beginning of drive.
- (2) For gravity hammers, enter the penetration in the last 5 blows divided by 5. For steam or diesel hammers, enter the penetration in the last 10 blows divided by 10.
- (3) Indicate date of retap in date column (1 day delay min.). List only pile actually checked.
- (4) Additional pile length to be authorized by the Engineer.

Welders Name: _____ Lab No.: _____ Exp. Date: _____ Total Welds: _____
 Plan Length: _____ Feet
 Extensions: _____ Feet
 Total: _____ Feet
 Remarks: _____

