IOWADOT

## SECTION I

# LOGGED PILE

Project No. ____________________

County ____________________

Design No. ____________________

Contractor ____________________

Iowa DOT Hammer No. ____________________

Gross Weight of Hammer ________ Effective Weight ________

Weight of Driving Parts ________ Weight of Anvil ________

Weight of Cap ________ Cap No. ________

Weight of Pile ________ Plan Pile Length ________

Pile (Type & Size) ____________________
(Wood, Steel or Concrete)

Hammer (Type & Model) ____________________
(Gravity or Diesel Manufacturer and Model)

Foundation Description ____________________
(North abut, Pier 1, etc.)

Station of Foundation C.L. ____________________

Formula Used ____________________

Plan Driving Resistance ____________________

Retap (if applicable) ____________________

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.

| | | | | | | | RETAP (2) | | | | PILE EXTENSIONS (3) | | | | | (4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pile No. | Date Driven | Depth (ft) | Length Cutoff (0.0 ft) | Blows Per foot | Ram Rise (ft) | Driven Resistance (tons) | Date | Ram Rise (ft) | Blows per foot | Driven Resistance (tons) | Length Added (0.0 ft) | Length Cutoff (0.0 ft) | Ram Rise (ft) | Blows per foot | Driven Resistance (tons) | Welds (count) |
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IOWA DOT

## SECTION II

# LOG OF PILING DRIVEN BY FORMULA

| | | | | | | | RETAP (3) | | | | PILE EXTENSIONS (4) | | | | | (5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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) | Date | Ram Rise (ft) | (2) Average Penetration Last Blows (inches) | Driven Resistance (tons) | Length Added (0.0 ft) | Length Cutoff (0.0 ft) | Ram Rise (ft) | (2) Average Penetration Last Blows (inches) | Driven Resistance (tons) | Welds (count) |
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IOWA DOT

## LOG OF PILING DRIVEN BY FORMULA – CONT'D

| | | | | | | | RETAP (3) | | | | PILE EXTENSIONS (4) | | | | | (5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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) | Date | Ram Rise (ft) | (2) Average Penetration Last Blows (inches) | Driven Resistance (tons) | Length Added (0.0 ft) | Length Cutoff (0.0 ft) | Ram Rise (ft) | (2) Average Penetration Last Blows (inches) | Driven Resistance (tons) | Welds (count) |
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Total Welds: _____

(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 minimum). List only pile actually checked.
(4) Additional pile length to be authorized by the Engineer.
(5) Only splices specified by the Engineer to extend piles beyond plan length will be counted.

Plan Length: _____ Feet
Extensions: _____ Feet
Total: _____ Feet

Welder's Name: _____
Lab No.: _____ Expiration Date: _____

Remarks: _____

_____ _____ _____
Inspector Date Project Engineer

Distribution: Construction (original), District, Project File