CIOWADOT

LOG OF PILING DRIVEN BY FORMULA

| Project No. | Pile (Type and Size) | |
|-------------------------------------|----------------------------|---|
| County | | (Wood, Steel or Concrete) |
| Design No | Hammer (Type & Model) | (Gravity or Diesel manufacturer and model) |
| Contractor | | |
| Iowa DOT Hammer No. | Foundation Description | (North abut, Pier 1, etc.) |
| Gross Weight of Hammer Effective Wt | | |
| Weight of Driving Parts | Station of Foundation C.L. | |
| Weight of Anvil | Formula Used | |
| Weight of Cap Cap No | | |
| Weight of Pile | Plan Driving Resistance | |
| Plan Pile Length | 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 | _ in the direction shown. | | | | | | | | | | | | |
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| | | | | (2) | | | RETAP (3) | | | | PILE EXTENSIONS (4) | | | | | |
|--|--|--------|------------|-------------|--------|------------|-----------|-------|-------------|------------|---------------------|------------|-------------|-------------|------------|---------|
| | | (1) | | Average | | | | | (2) Ave. | | | | | (2) Ave. | | (5) |
| | | Plan | Length | Penetration | Ram | Driven | | Ram | Penetration | Driven | Length | Length | Ram | Penetration | Driven | (5) |
| Pile | Date | Length | Cutoff | Last Blows | Rise | Resistance | | Rise | Last Blows | Resistance | Added | Cutoff | Rise | Last Blows | Resistance | Welds |
| No. | Driven | (ft.) | (0.0 ft.) | (inches) | (ft.) | (Tons) | Date | (ft.) | (inches) | (Tons) | (0.0 ft.) | (0.0 ft.) | (ft.) | (inches) | (Tons) | (Count) |
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| (1) Record in the Remarks section below if the pile length is anything other than the plan length at the beginning of drive. | | | | | | | | | | | otal Welds: | | | | | |
| | (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. Plan Length: | | | | | | | | | | | | lan Length: | | Feet | |
| (5) Only splices specified by the Engineer to extend piles beyond plan length will be counted. Extensions: | | | | | | | | | | | | | Feet | | | |
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| | | | | | | | | | | | | | i eet | | | |
| Remarks: | | | | | | | | | | | | | | | | |

Inspector

Date

Project Engineer