## TEST PILE REPORT
(English)

### PILE HAMMER DATA
- **DROP (Gravity)**
- **SINGLE ACTING (Power)**
- **DOUBLE ACTING (Power)**

### Make and Model:
- Weight of Ram (piston) _______ (lbs.)
- Max. Rated Energy _______ (ft. lbs.)

### PILE DATA
- **Test Pile No:** 1 2 3 4 5 6 or
- **CIP**
- **H-Pile**
- **Size:**
- **Length in Leads (ft.):**
- **Weight of Pile (lbs.):**
- **Weight of Cap (lbs.):**
- **Cut-off Elev. (ft.):**

### PROJECT DESCRIPTION
- **Bridge No.:**
- **S.P. (or S.A.P.) No.:**
- **County:**
- **Dist.:**

### SUBSTRUCTURE
- **Abutment N S E W**
- **Pier No.: 1 2 3 4 or**

### DISTANCE BELOW CUT-OFF (feet) | DROP OF HAMMER OR RAM (feet) | ENERGY PER BLOW (ft. lbs.) | BLOWS PER MIN. | PENET. PER FOOT | BEARING IN TONS | DISTANCE BELOW CUT-OFF (feet) | DROP OF HAMMER OR RAM (feet) | ENERGY PER BLOW (ft. lbs.) | BLOWS PER MIN. | PENET. PER FOOT | BEARING IN TONS
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
5 | 37 | 6 | 38 | 7 | 39 | 8 | 40 | 9 | 41 | 10 | 42 | 11 | 43 | 12 | 44 | 13 | 45 | 14 | 46 | 15 | 47 | 16 | 48 | 17 | 49 | 18 | 50 | 19 | 51 | 20 | 52 | 21 | 53 | 22 | 54 | 23 | 55 | 24 | 56 | 25 | 57 | 26 | 58 | 27 | 59 | 28 | 60 | 29 | 61 | 30 | 62 | 31 | 63 | 32 | 64 | 33 | 65 | 34 | 66 | 35 | 67 | 36 | 68

### DATE:
### REMARKS ON DRIVING CONDITIONS, PRE-BORING, ETC. (IDENTIFY BY PENET. DISTANCE.)

### START DRIVING TIME:
### END DRIVING TIME:
### DOWN TIME:
### TOTAL DRIVING TIME:

### FORMULA USED
### DESIGN BEARING (tons)
### SCOUR EL.
### AUTHORIZED PILE LENGTHS

### INSPECTOR SIGNATURE
### PROJECT ENGINEER SIGNATURE
### BRIDGE OFFICE (Initial and Date)
INSTRUCTIONS FOR COMPLETING
TEST PILE REPORT

Pile Data:
1. Check type of pile as: C.I.P., H-Pile, Treated Timber, Untreated Timber, Precast Concrete, etc.
2. Show Size of pile; when using timber pile show butt and tip size to the nearest one-half inch. Be certain that diameters comply with the specifications. Butt diameters should be measured 3 feet from the butt end.
3. Length in Leads should be total length in leads in feet.
4. Show Weight of Pile and Weight of Cap to nearest ten pounds.
5. INSPI. BY should be the pile driving inspector (print or type name).

Column Tabulation:
6. ENERGY PER BLOW (ft. lbs.) is equal to WH, for single power-driven hammers. When field determination of energy output is not practical, 75% of the manufacturer's maximum rated energy may be used for computations (see Spec. 2452.3E2).
7. BLOWS PER MIN. need not be shown for drop hammers.
8. PENET. PER BLOW (inches) may be based on blows per foot or on a measured penetration for a given number of blows, and should be calculated in inches and decimals of inches.
9. BEARING IN TONS should be shown to the nearest ton or one-tenth of a ton.

SHOW SKETCH BELOW
Show sketch indicating location of test pile. Show North arrow.

DISTRIBUTION:
State Projects: ORIGINAL: Bridge Const. & Maint. Engineer (MS 610)

County or Municipal Projects: ORIGINAL: County or Municipal Engineer
COPY: Mn/DOT Bridge Const. & Maint. Engineer

FOR ALL PROJECTS:
COPY: Project Engineer
COPY: Railroad