## Test Pile Report (MPF12)

### Pile Hammer Data
- **Type:** SINGLE ACTING (Power)
- **Make:**
- **Model:**
- **WT. RAM (PISTON):** (lbs.)
- **MAX. RATED ENERGY:** (ft.lbs.)
- **INSPECTION BY:**
- **INSPECTION PHONE NO.:**
- **CONTRACTOR:**

### Pile Data
- **TEST PILE NO.:**
- **TEST PILE TYPE:** SELECT A PILE
- **S.P. (OR S.A.P.) NO.:**
- **LENGTH IN LEADS (FT):**
- **CUT-OFF ELEV. (FT):**
- **ABUTMENT:**
- **PIER NO.:**

### Project Data
- **BRIDGE NO.:**
- **SELECT A COUNTY**
- **SELECT A DISTRICT**

### Substructure
- **DISTANCE BELOW CUT-OFF (feet):**
- **DROP OF HAMMER OR RAM (feet):**
- **ENERGY PER BLOW (ft. lbs.):**
- **BLOWS:**

<table>
<thead>
<tr>
<th>BLOWS</th>
<th>PENET. PER BLOW (inches)</th>
<th>PENET. IN LAST 10</th>
<th>BEARING IN TONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER FOOT</td>
<td>PENET. IN LAST 10 (feet)</td>
<td>PENET. PER BLOW (inches)</td>
<td>PENET. IN LAST 10</td>
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<td>F</td>
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### Remarks

- **DATE:**
- **REMARKS ON DRIVING CONDITIONS, PRE-BORING, ETC. (IDENTIFY BY PENET. DISTANCE.):**
- **SETUP INCREASE (%):**
- **START DRIVING TIME:**
- **END DRIVING TIME:**
- **DOWN TIME:**
- **TOTAL DRIVING TIME:**

### Formula Used

\[ R_n = 25 \times \frac{\sqrt{F \times \frac{H}{1000} \times \frac{100}{2}}}{10} \]

### Authorized Pile Lengths

<table>
<thead>
<tr>
<th>FORMULA USED</th>
<th>R_n (tons)</th>
<th>MIN. TIP ELEVATION</th>
<th>AUTHORIZED PILE LENGTHS</th>
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<td>MPF12</td>
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### Inspector Signature

- **INSPECTOR SIGNATURE**

### Project Engineer Signature

- **PROJECT ENGINEER SIGNATURE**

### Bridge Office

- **BRIDGE OFFICE (Initial and Date):**
INSTRUCTIONS FOR COMPLETING
TEST PILE REPORT

Pile Data:
1. Select type of pile as CIP, H-Pile, Treated 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. INSPI. BY should be the pile driving inspector (print or type name).

Column Tabulation:
5. ENERGY PER BLOW (ft. lbs.) is equal to WH, for single acting power-driven hammers.
6. 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.
7. BEARING IN TONS should be shown to the nearest ton.

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