Mn/DOT TP-02264-04 (1/00)

Minnesota Department of Transportation Office of Bridges and Structures

TEST PILE REPORT

(English)

SEE INSTRUCTIONS ON OTHER SIDE

PILE HAMMER DATA	PILE DATA	PROJECT DESCRIPTION
❑ DROP (Gravity)	Test Pile No: 1 2 3 4 5 6 or _____	Bridge No.:
❑ SINGLE ACTING (Power)	❑ CIP ❑ H-Pile ❑ _____	S.P. (or S.A.P.)No.:
❑ DOUBLE ACTING (Power)	Size:	County: Dist.
Make and Model:	Length in Leads (ft.):	
	Weight of Pile (lbs.):	SUBSTRUCTURE
Weight of Ram (piston) _____(lbs.)	Weight of Cap (lbs.):	❑ Abutment N S E W
Max. Rated Energy _____(ft. lbs.)	Cut-off Elev. (ft.):	❑ Pier No. 1 2 3 4 or _____

INSP. BY:	INSP. PHONE NO:	CONTRACTOR:

DISTANCE BELOW CUT-OFF (feet)	DROP OF HAMMER OR RAM (feet)	ENERGY PER BLOW (ft. lbs.)	BLOWS PER MIN.	BLOWS PER FOOT	PENET. PER BLOW (inches)	**BEARING IN TONS**	DISTANCE BELOW CUT-OFF (feet)	DROP OF HAMMER OR RAM (feet)	ENERGY PER BLOW (ft. lbs.)	BLOWS PER MIN.	BLOWS PER FOOT	PENET. PER BLOW (inches)	**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. **INSP. 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.

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