

# ALABAMA DEPARTMENT OF TRANSPORTATION TEST PILE RECORD

Revised 08-07-95

Project Number		County		Area	
Bridge Station		To Station		Bridge Identification Number	
Road Between _____ and _____					
Contractor			Inspector		
Date	Bent No. & Lane		Pile No.		Kind of Soil
Kind of Pile		Size of Pile		Total Length (ft.)	
Elev. Ground Line at Pile		Final Elev. at Top of Pile		Tip Elevation	
Hammer Make		Hammer Model		Hammer Kind	
Hammer Type		Hammer Action		Rated Energy (ft.-lbs.)	
Weight of Hammer (lbs.)			Design Load (from plans) (tons)		
Hammer Cushion: Material		Thickness (in.)		Area (sq. in.)	
Pile Cushion (Before Driving): Material		Thickness (in.)		Area (sq. in.)	
Pile Cushion (After Driving): Material		Thickness (in.)		Area (sq. in.)	
Pile Cap Weight (lbs.)					
Height Of Fall (feet)	Energy Delivered To Pile (E) (ft.-lbs.)	Blows Per Foot Of Penetration (N)	Total Penetration (feet)	Bearing (Ru) (tons)	

**REMARKS**

1. When using open type and gravity hammers, record weight of hammer and height of fall of hammer. Show rated energy when using closed type hammers.
2. Energy delivered to pile should be maintained practically constant once record keeping has begun unless specified otherwise by the Engineer.
3. Pile cushion is only required with concrete piling.
4. Pile cushion thickness after driving must be at least one-half the original thickness.
5. The bearing should be determined from the graph of Blows/Foot versus Bearing which is provided from the Wave Equation Analysis or Dynamic Formula of the driving system. If a graph is not provided, refer to Item 505.03(b)2. of the specifications to estimate the bearing capacity using the Dynamic Formula.
6. Driving should be continuous. Note any interruptions exceeding one hour.
7. Draw sketch on back of this sheet showing location of test pile.
8. For continuation of test pile record, use Form C-15A-2
9. Test pile (check one): Static Load Tested \_\_\_\_\_ Dynamic Load Tested \_\_\_\_\_ (if static load tested, load test report shall be attached to this report).

Correct \_\_\_\_\_ Approved \_\_\_\_\_  
Project Manager
Area Operations Engineer