FORM C-15A **ALABAMA DEPARTMENT OF TRANSPORTATION**
Revised 08-07-95 TEST PILE RECORD

Project Number	County	Division

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 (m)

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 (J)

Mass of Hammer (kg)	Design Load (from plans) (kN)

Hammer Cushion: Material	Thickness (mm)	Area (mm²)

Pile Cushion (Before Driving): Material	Thickness (mm)	Area (mm²)

Pile Cushion (After Driving): Material	Thickness (mm)	Area (mm²)

Pile Cap Mass (kg)

Height Of Fall (m)	Energy Delivered To Pile (E) (J)	Blows Per 0.3 m Of Penetration (N)	Total Penetration (m)	Bearing (Ru) (kN)

REMARKS
1. When using open type and gravity hammers, record mass 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/0.3 m 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-15C-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 Engineer   **Division Engineer**
Sheet No. 1 of ___