

FORM C-35 **ALABAMA DEPARTMENT OF TRANSPORTATION**
 Revised 07-15-94 **DRILLED SHAFT POURING RECORD**



| | | | | | |
|------------------------------|-----------------|---------------------------------------|------------|---------------------|------------------------------|
| Project Number | | County | | Division | |
| Bridge Station | | | To Station | | Bridge Identification Number |
| Road Between _____ and _____ | | | | | |
| Contractor | | | Inspector | | |
| Date | Bent No. & Lane | | Shaft No. | | Kind of Soil |
| Diameter of Shaft (m) | | Shaft Volume per meter of length (Vm) | | Shaft Tip Elevation | |

| Load Number | Quantity (m³) | Slump (mm) | Pouring Time | | Concrete Elevation | Tremie Tip Elevation | Cylinder Number |
|-------------|---------------|------------|--------------|--------|--------------------|----------------------|-----------------|
| | | | Start | Finish | | | |
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$V_Q =$

1. Top of concrete elevation at completion of pour prior to trimming any excess : _____
2. Shaft length before trimming : $L =$ _____ m
3. Corresponding theoretical volume : $V_T = V_m \times L =$ _____ m³
4. Volume of excess in last truck : $V_E =$ _____ m³
5. Volume of overflow (if any) : $V_O =$ _____ m³
6. Actual shaft volume before trimming : $V_A = V_Q - V_E - V_O =$ _____ m³
7. Overpour : $\frac{V_A - V_T}{V_T} \times 100 =$ _____ %

REMARKS

1. Record any problems with the operation of the mixing plant, supply irregularities (concrete delays), or possible setbacks (loss of priming in the tremie, movement of reinforcing steel, difficulties with extraction of temporary casing, caving of shaft wall, etc.) on the back of this sheet in the space provided for observations.
2. A theoretical volume versus elevation line should be plotted on the graph on the back of this sheet prior to concrete placement.
3. The actual concrete placement curve should be plotted during construction of the shaft. An elevation check should be taken as each truck pours out and the data recorded above and plotted on graph.
4. Any large variations of the actual concrete placement curve from the theoretical placement line should be investigated.
5. Draw sketch on back of this sheet showing location of shaft.

Correct _____ **Approved** _____
 Project Engineer Division Engineer