

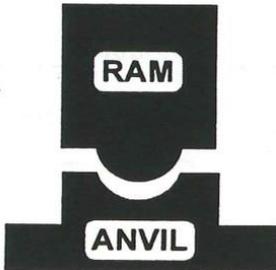


DIVISION OF HIGHWAYS
DESIGN SERVICES
SOILS AND FOUNDATIONS DESIGN SECTION

PILE DRIVING EQUIPMENT DATA FORM

Project No.: 8.1234567 County: Peavey Station: 19+51.00 - L-
TIP No.: B-1234 Contractor: Big Bridge Contracting Company, Inc.
Description: Bridge at Smally Creek on NC 334

HAMMER COMPONENTS



HAMMER

Manufacture: Delmag Model: D-22
Ram Weight: 4.91
Rated Energy: 40.61 Kip-ft at 8.27ft (ft./m) stroke
Adjustable Stroke or Fuel Setting: Fuel Setting 2
Maximum Operating Stroke: 7 Feet (ft/m)
Modification: None



HAMMER CUSHION

Material: Concast
Thickness: 4.5 in (in/mm) Area: 324 in² (in²/cm²)
Modulus of Elasticity: 280 Ksi
Coefficient of Restitution: 0.80



PILE CAP

Helment Weight: 3.6 Kips (kip/kN)



PILE CUSHION

Cushion Material: Plywood
Thickness: 4 in (in/mm) Area: 400 in² (in²/cm²)
Modulus of Elasticity: 30
Coefficient of Restitution: 0.50

PILE TYPE

Description: 20 inch PIS Concrete Piles
Length: 40 feet (ft/m) Area: 400 in² (in²/cm²)
Design Load: 60 Tons (Ton/kN)

NOTES:

Submitted By: B. G. Superintendent

Date: 7/31/98