

Sample Specifications

State of Alabama Highway Department

Section 505-Piling

This section shall also cover the work of providing a “slip layer” for each of the abutment piles that are driven where Retained Earth or Reinforced Earth Walls are to be installed. This slip layer shall be provided to prevent the abutment from being damaged due to the settlement of the stabilized earth volume and subsequent drag-down forces on the piles.

Special Provision Pile Jacket Slip Layer

Protective sheeting such as the thermoplastic “Yellow Jacket” friction protection material as manufactured by Foundation Technologies, Inc., Lawrenceville, GA (678.407.4640) shall be attached to the piling from the bottom of the stabilized area to 2’-6” below the pile cut-off elevation. The installation of the protective sheeting shall be done according to the manufacturer’s recommendations.

State of Nevada Department of Transportation

Section 508-Piling

508.01.01 General. The pile design for Structure Nos. I-2007, H-2008 and I-2009 have been based upon the assumption that piles will be driven prior to the construction of the MSE (Mechanically Stabilized Earth) walls. The piling shall be coated with an NDOT approved friction reducing system (i.e. bitumen coating, “Yellow Jacket” sleeves, etc.) These sleeves or coatings should be applied to the piling from the bottom of the stabilized earth fills to the bottom elevation of the pile caps. The Contractor may submit alternate pile driving procedures for approval as outlined in the friction report at no additional cost to the Department.

Special Provisions, Proposal, Contract and Bond

The pile design for Structure Nos. I-2007, H-2008 and I-2009 have been based upon the assumption that piles will be driven prior to the construction of the MSE (Mechanically Stabilized Earth) walls. The piling shall be a pile jacket slip layer such as the thermoplastic “Yellow Jacket Friction Protection System” (manufactured by Foundation Technologies, Inc., Lawrenceville, GA, Phone No. 678.407.4640) or an approved equal. The contractor may submit alternate pile driving procedures for approval as outlines in the foundation report at no additional cost to the Department.

This work shall also consist of furnishing and placing pile sleeves around the new precast prestressed concrete piles at the locations and in accordance with the details shown on the plans and as hereinafter specified.