

Bridge Widening Project
I-55 in Lincoln County, Mississippi

Project No. IM-0055-01(097)/105877301

QUESTIONS RECEIVED AS OF MAY 12, 2010

1. Section 10.0 of the Technical Requirements of the RFP states that drilled shafts less than 48" in diameter shall have a design factor of safety of 2.0 based upon the results of a static load test. Chapter 4 of the AASHTO Standard Specifications for Road and Bridge Construction states "Drilled Shafts...shall be designed for a minimum factor of safety of 2.0 when the design is based on the results of a load test conducted at the site. Otherwise, shafts shall be designed for a minimum factor of safety of 2.5". AASHTO allows for the construction of a drilled shaft without a test shaft if you provide a factor of safety of 2.5 or higher. Will MDOT follow the AASHTO specifications and waive any test shaft requirements if a factor of safety of 2.5 or higher is provided for the drilled shaft design?

No.

2. Will MDOT require a trial shaft at each bridge site where drilled shafts are used?

See requirements in revised Section 10.5 of the Technical Requirement in Addendum #1.

3. Will MDOT allow a production shaft be used as a test shaft?

No.