

**Evaluating Prestressing Strands and Post-Tensioning Cable in Concrete Structures using Nondestructive Evaluation (NDE) methods-OR10-038 QA2**  
**Requisition #841**  
**2/24/2012**

Q: What frost/heave model is currently used by MDOT (We're aware that several different models and analytical techniques have been used on selected projects, but is there one that is more "preferred" with the current engineering team at MDOT?) This information will impact the approach we propose - in order to limit the necessary training time for the BETA testing.

**Answer: MDOT has no frost heave models. MDOT has design guidance that specifies the minimum depth non-frost susceptible soils for routine design situations.**

Q: Regarding the requirement for Level II Statistics expertise: Our project team will include several research engineers, each having completed both practical consulting work as well as experimental research work. We have used statistics extensively, and teach it as part of our graduate classes. However, our UG degree is not in Statistics. Is it necessary for us to augment our team with a person that has an UG degree in Statistics? We will do so if necessary.

**Answer: Yes it is necessary as the requirement for Level II statistical expertise was suggested by Research Administration.**