

STRUCTURE INSPECTION
Study Questions

Sections of the 2007 Standard Specification for State Road and Bridge Construction for this study guide:

- Division 100 for General Clauses & Convenants
- Division 200 for Earthwork
- Division 400 for Concrete
- Division 700 for Structures

Part IV and V (Appendix A & B for Sample and Testing Frequency Charts) of the Construction Manual

1. Provide the Engineer with completed “Pile & Driving Equipment Data” Sheet a minimum of _____ weeks before scheduled date of the pre-construction conference?
2. Stop driving the piling (regardless of the penetration) if _____ times the specified minimum driving resistance is attained?
3. If the driven pile is greater than _____ feet in length the maximum allowable variation from the vertical or battered lines shown in the contract documents is 1/8” per foot of length?
4. Commencing with each day’s bolting operation, the Engineer will inspect each bolt until the Contractor’s procedures for that day are confirmed. After the day’s procedures are confirmed, a minimum of _____% of all bolts in all splices will be checked with a feeler gauge?
5. When surfaces require a rubbed finish, apply _____ liquid membrane-forming compound immediately after the surface is completed, and while the concrete is still damp?