

Geotechnical Requirements

Use this guide to understand the geotechnical requirements for the City of Spring Hill. All requirements come directly from the Spring Hill sewer and water rectifications and Unified Development Code requirements.

All public roadways are the property of the City of Spring Hill. Acceptance of roadways will solely be by the City pending testing and inspection reports. Submit all text reports to the City within 7-10 business days after the date the test was taken.

For any questions, please contact the Spring Hill Engineering Department.



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Geotechnical Field Guide



ENGINEERING DEPARTMENT

5000 Northfield Ln Ste 600

Spring Hill, TN 37174

Subgrade (Soil) Requirements

- Maximum 8" Lifts
- 98% compaction per ASTM D698
- Nuclear gauge verification
- Minimum 1 test per lift every 500'
- Proof roll with fully loaded (20-22 tons) tandem dump truck
- City representative must be on-site during a proof roll

Aggregate Base (PUG)

- Conform to TDOT standards
- Placed in minimum 2" to maximum 4" lifts
- 98% compaction
- Nuclear gauge verification
- Proof roll with fully loaded (20-22 tons) tandem dump truck
- City representative must be on-site (with 1-2 week notice) during a proof roll
- After compaction is achieved on the last lift, seal with a prime coat or an approved method
- Prime coat will conform to TDOT specs 402

Asphalt Binder/Topper

- Asphalt Grade B modified mix will conform to TDOT specs 307
- E-mix asphalt shall conform to TDOT spec 411
- Tack coat applied between binder mix and topcoat will conform to TDOT spec 403

