



Nassau County
Engineering Services Department
96161 Nassau Place
Yulee, Florida 32097

J. Scott Herring, P.E.
Public Works Director

Guidelines for minimum test requirements For Nassau County Inspections

These are guidelines for minimum test requirement for Nassau County inspections. This is not meant to be taken as the only requirements needed, simply a guide for the contractor, owner, developer, and engineer.

1. Must obtain the proctor for backfill material. Taken at every soil change on project to obtain correct proctor to be used for densities.
2. Backfill density test must be taken at one foot lift intervals starting at 3 feet above sanitary sewer. 98%
3. Backfill density test must be taken at one foot lift intervals around manhole structures starting at 3 feet above sanitary sewer, 98%.
4. Backfill density test must be taken on all storm drain pipes & structures starting a springline, then top of pipe, then in 1 foot lifts up to subgrade, 98% in roadway.
5. Must obtain a proctor for embankment densities. They must be at every soil change on project. An embankment is any fill placed in roadway above natural ground.
6. Embankment densities must be taken in 1 foot lifts, beyond curb (within the 2:1), left, right & center of roadway at 150' intervals staggered, 98% of standard proctor.
7. Curb pad densities must be taken ever 300' per curblane or 150' staggered left, right & at all culvert aprons and must achieve 98% of modified proctor.
8. Must have a LBR taken on the mixed subgrade at 500 ft intervals or change of materials to minimum of 2 LBR's per road. Must be a minimum LBR of 40.

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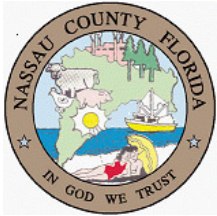
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9. Subgrade densities must be taken at 300 ft intervals each lane, staggered left, right & center. Densities will be taken at every structure & cross drains in roadway & around manholes in addition, 98% modified proctor.
10. Curbs & gutter must meet minimum thickness requirements as stated in Nassau County Ordinance. Minimum psi is 3000. Must submit approved concrete mix design by Engineer of Record. Temperature for laying concrete must be 40 degrees Fahrenheit and rising. There must be a set (2 each/28 day breaks) of cylinders taken (correctly) for each day up to 100 yds poured. If there is a chance of freezing temperatures, measures must be taken by contractor to properly protect concrete.
11. LBR's for limerock (base course) must be taken. If there is any difference in material, pits mines, there must be a LBR taken for each. One LBR can be used for all limerock as long as it is delivered from the same mine & it is delivered in a reasonable amount of time (within 2 weeks). LBR minimum of 100 and compacted to 98% of modified proctor.
12. A recent mine report & latest test data (LBR) from mine for limerock must be supplied by contractor.
13. Krush Krete base LBR must be taken every 500 ft. LBR's=100 or greater.
14. Base course must be placed in no greater than 6 inch lifts unless a letter from Engineer of Record is supplied stating that the contractor may put base course down in an 8 inch lift. However, there will be the same amount of density test taken as if there were 2 lifts put down.
15. Base course densities will be taken every 300 ft each lane, staggered left, right & center. The thickness must be taken & annotated on test reports. If base course is greater than 6 inches, there must be cores taken. Additional density test will be taken at each roadway structure (manhole, inlets & etc.).

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16. Must have approved asphalt mix design by Engineer of Record. Contractor must supply 6 QC personnel whom at least Asphalt is paving Level II qualified. Asphalt must be laid in accordance with FDOT specifications for temperature and thickness. Cores should be taken for thickness & density. QC must ensure asphalt is brought within proper temperature limits and must take a gradation sample.
17. Please submit a close-out testing package within 30 days of the final test. The package should be placed in a binder; labeled testing Close-out Package for "Name of the current project" dated and signed by a P.E. to verify the validity of the package. The package should include testing results for all test performed on the project, such as sub-base, base, asphalt, concrete, pipe TV, etc.

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