

TESTING REQUIREMENTS

1. All testing shall be performed by a licensed/certified laboratory. Upon selection, the laboratory shall be approved in writing by the County prior to beginning any on-site testing or material collection.
2. Copies of all test results shall be provided to the County Engineering Division. Passing results will be required prior to beginning the next phase of construction.
3. The County Engineering Division shall be notified no less than 24 hours in advance for scheduling inspection of pertinent stages of construction including subgrade preparation, limerock placement, prime and tack coats, asphalt placement, culvert installations, concrete pours and others as required for approval.
4. Perform compaction testing for stabilized subgrade and fill the full depth at a frequency of one test per lift per 500 foot section, or at a minimum of two tests per roadway segment, whichever is greater. Compaction shall achieve 98.0% of Modified Proctor density (AASHTO T 180).
5. Perform Limerock Bearing Ratio (LBR) testing for stabilized subgrade at a frequency of four tests per lift per roadway mile, or at a minimum of two tests per roadway segment, whichever is greater. LBR value shall equal or exceed 40.
6. For widening only, perform LBR testing for stabilized subgrade at a frequency of one test per lift per roadway mile per side, or at a minimum of two tests per roadway segment, whichever is greater.
7. For widening only, perform LBR testing for limerock base course at a frequency of one test per lift per roadway mile per side, or at a minimum of two tests per roadway segment, whichever is greater.
8. Perform compaction testing for base course the full depth at a frequency of one test per lift per 500 foot section, or at a minimum of two tests per roadway segment, whichever is greater. Compaction shall achieve 98.0% of Modified Proctor density (AASHTO T 180).
9. In-place thickness of each course of a base course shall be determined using 3" cores at a frequency of one test per lift per 200 foot section, or at a minimum of two tests per roadway segment, whichever is greater.
10. Asphalt concrete mixes shall be a current FDOT approved design of the material actually used. Samples of materials delivered to the site shall be tested in accordance with FDOT requirements to verify that aggregate gradation and asphalt content meets approved design criteria.
11. Surface smoothness and in-place density of each course of asphalt concrete shall be determined in accordance with current FDOT Standard Specifications. Field densities,

coring locations and Plant Sampling shall be conducted and obtained according to the random number tables provided by the County. A minimum of three density tests per roadway segment per day and testing of one plant sample per day will be required.

12. Perform compaction testing for culverts and culvert extensions as described in Section 125, FDOT Specifications, latest edition. A minimum of one test on each side of the culvert per lift is required for the bedding and cover zone. A minimum of one test per lift is required in the top zone. Perform additional testing as directed by the authorized representative.