



Memorandum

City Engineer
Department of Planning and Development
City of Snellville, Georgia

To: All Developers and Owners
From: John J. Ososkie, P.E., City Engineer
Cc: Jeff Timler, Director of Planning and Development
Subject: Pavement Quality Control Documentation Requirements
Coring Frequency and Acceptance Standards
City of Snellville Development Regulations
Date: October 9, 2001

This memorandum has been prepared to clarify the existing quality control testing and construction requirements as detailed in the City of Snellville Development Regulations. All construction conducted under a Development Permit within the City of Snellville is governed by these requirements. The documentation below is required prior to approval of the Final Plat or Certificate of Occupancy.

In accordance with Section 11.4.3, Development Inspections, of the City of Snellville Development Regulations, the City shall conduct periodic inspections of construction activities during all phases of development activity. Paving of roadways designated for dedication as City Right-of-way shall be observed during paving process by the City Inspector and shall be cored by the Developer after completion to verify thickness. The following methodology shall be utilized to confirm the roadway has been constructed in accordance with the approved development plans.

1. The Developer shall provide evidence of the total tonnage of asphalt incorporated into the project and the certification of the mix provided (type E or F via mix ticket, etc.).
2. The Developer shall notify the City 24-hours prior to commencing coring operations. One core sample shall be taken for each 250 feet of street or widening length. Samples shall be obtained starting from the edge of roadway, then the quarter crown, the center of roadway, the opposite quarter crown, and the opposite edge.
3. Special attention shall be paid to large pavement radius or intersections. Additional core samples shall be taken in these areas.
4. Each core shall measure ± 0.25 inch of the specified asphalt thickness. Cores shall be identified and placed on the curb near the location of the core for inspection by the City.
5. If a core disintegrates or shows a measured thickness of less than 0.25 inches of the required thickness, then additional cores shall be taken 50 feet each side of the deficient core. The 50-foot increment shall continue until the asphalt measures the minimum required thickness and displays standard consistency.
6. If a deficiency in consistency, gradation or liquid content is identified, then additional testing to define issue shall be required.
7. Pavement failing the consistency or thickness standards shall be removed and replaced. At the sole discretion of the City Engineer, an overlay of sufficient mix and thickness may be utilized to bring the section into compliance.
8. All samples are to be cored and evaluated by a qualified third party firm, and failing cores shall be stored on file until unsatisfactory results have been remedied by the Developer and accepted by the City.

Documentation of compliance with the above standard shall be provided to the City prior to submittal of Final Plat for approval. Please contact the City of Snellville if you have any further questions.