

## PROOF ROLL GUIDELINES

**All proof rolls must be scheduled with a 24-hour notice.** Contact Ken Pomerantz at 803-329-5558 to schedule proof roll.

### CURB AND GUTTER

1. Proof roll for curb and gutter will be conducted with a loaded tandem axle dump truck with 15 tons loaded on truck or a loaded 615 C pan or greater.
2. All water and sewer lines will be tested before any proof roll is scheduled.
3. All utility crossings will be placed in the roadway ROW before any proof roll is scheduled.
4. The standard 50' ROW and an additional 10' behind road ROW (70' total) will be cleared and graded before any proof roll is conducted.
5. No loose material allowed on top of sub grade. Sub grade shall be packed and smooth on top with no ruts, depressions or cracks in the surface.
6. Sub grade shall not have any deflection in surfaces for proof roll to pass.
7. A re-inspection fee of \$150.00 per trip will be charged if proof roll fails. Fees will be collected prior to any inspection.
8. Temperature must be 35 degrees and rising "in the shade" for a minimum of 48 hours before any concrete is poured.
9. A 72-hour minimum curing period is required after last section of curb is poured before any proof roll on road area is conducted. Curbs should also be properly back filled and compacted before road sub grade is proof rolled.

### ROAD SUBGRADE

1. Entire storm drain system must be inspected by the Infrastructure Division before road sub grade is proof rolled. Contact **Infrastructure Division at 803-329-5558** to schedule storm drain inspection. Major corrections of storm drain system in road ROW (i.e. pipe collars in road crossings) must be corrected before any road sub grade proof roll is scheduled.
2. Proof roll on road sub grade will be conducted with a loaded tandem axle dump truck with 15 tons loaded on truck. A current weight ticket will be required by the inspector.
3. No loose material allowed on top of subgrade. Subgrade shall be packed and smooth on top with optimum moisture content.
4. Sub grade shall not have any deflection in surfaces for proof roll to pass. All noted deflections are subject to a \$150.00 re-inspection fee.
5. Temperature must be above 32 degrees "in the shade" for a minimum of 48 hours before any proof roll on road sub grade is conducted.
6. A re-inspection fee of \$150.00 per trip will be charged if proof roll fails. Fees will be collected prior to any re-inspection.

### STONE BASE

1. Stone base shall be properly set and compacted with optimum moisture content.
2. Stone base shall not have any deflection in surface for proof roll to pass. If any deflection is noted, area must be corrected and proof rolled again. All noted deflections are subject to a \$150.00 re-inspection fee.
3. Temperature must be 40 degrees and rising "in the shade" for a minimum of 48 hours in order for any paving to take place.
4. A re-inspection fee of \$150.00 per trip will be charged if proof roll fails. Fees will be collected prior to any re-inspection.

### SIDEWALKS

1. Proof rolls for sidewalks will be conducted with an unloaded tandem dump truck or a 12-G motor grader or greater.
2. Sidewalks shall be a minimum of five [5] feet wide and 6" thick. Sidewalks will be placed seven [7] feet behind curb and gutter.

3. No loose material allowed on top of sub grade. Sub grade should be packed and smooth on top with optimum moisture content.
4. Sub-grade shall not have any deflection in surfaces for proof roll to pass. If any deflection is noted, area must be corrected and reproof rolled. All noted deflections are subject to a \$150.00 re-inspection fee.
5. All contraction joints should be hand tooled at 10' minimum intervals. Expansion joint is to be placed every 100 feet.
6. ADA approved handicap ramps are to be placed at every intersection.
7. A re-inspection fee of \$150.00 per trip will be charged if proof roll fails. Fees will be collected prior to any re-inspection.

#### **GENERAL CONDITIONS**

1. All proof rolls will be conducted between the hours of 8:00 a.m. and 4:00 p.m. Monday-Thursday.
2. Proof roll will be redone if the project is rained on before any concrete, stone, or asphalt is installed.
3. The Contractor or the Engineer of Record will schedule proof roll. The Engineer of Record or his or her representative should be present at all proof rolls.
4. Undercutting unsuitable material is acceptable, using only approved compactable, suitable fill. Undercutting using extra stone as fill is not acceptable.
5. Any field changes must be approved by both the Engineer of Record and the City of Rock Hill Development Infrastructure Division.
6. If a Geotechnical/Soils Engineer is used on the project, he or she should be present at all proof rolls.
7. The City of Rock Hill will have the final decision on all proof rolls.