Minimal Standards for Mecklenburg County Greenway Trail Construction

Permitting: The petitioner is required to acquire all applicable permits for construction (including but not limited to: Floodplain Development Permit, PCO/Water Quality Approvals, USACE wetland permits, Erosion Control permits, Code Enforcement, etc.). The County Representative must review and approve the construction documents prior to permitting submittals.

Dimensions: A minimum 10’ wide asphalt trail (12’ preferred) is to be constructed consistent with the attached detail for an asphalt trail.

Trail alignment: The alignment of the trail shall be staked in the field. Alignment review and written approval by the appointed County Asset and Facility Management Representative is required. Required clearing shall be minimized and the alignment shall conform to current AASHTO guidelines for bicycle and pedestrian transportation.

Gradient: The gradient of the trail shall conform to ADA for Recreational Trails. The county requires a maximum 5% slope on the main trail. Access trails slopes are to be 5% preferred. If trail grades are anticipated to exceed a 5% slope the County representative must be consulted to consider options. Written approval will be provided once a solution is determined.

Compaction requirements: Provide 95% Standard Proctor compaction for trail sub grade and 100% for entire base course. Where this compaction requirement cannot be met, the contractor must notify the County Representative. Additional layers of geo-grid underlayment, undercut of existing soil and replacement with stone or additional ABC may be required to achieve the required compaction.

Soil Stabilization Fabric: Soil stabilization fabric (geo-grid) is required for the entire length of the trail. Fabric shall conform to the attached technical specification.

Trail Base: Trail base course shall be aggregate base course ‘ABC’ stone, compacted to 100% Standard Proctor. Minimum depth shall be 6”.

Asphalt: A minimum 2” thick surface course of type S5.9B asphalt shall be provided for the full width and length of the trail.

Seeding: Seeding shall be performed on all surface areas in conformance with erosion and sediment control permitting. Seeding must also be provided on the 18” gravel shoulder on either side of the trail.
**Final Inspection:** The contractor shall request a final inspection with the County Representative. When the trail is deemed acceptable and the site clean and restored based on the standards described above, the County Representative will provide written approval. This approval does not relieve the petitioner of meeting the required permit and/or zoning requirements as determined by the various regulatory enforcement agencies.

**County Representative:** The County Representative for the Little Sugar Creek Greenway at Park South Station is:

Jay Higginbotham, RLA  
Mecklenburg County Asset Facilities Management  
3205 Freedom Drive, Suite 101  
Charlotte, NC  28208

Office  704.432.0622  
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TYPICAL ASPHALT SECTION

- Geogrid Underlayment under base course per specifications
- 6" Crushed aggregate base course
- 2" Asphalt trial I-2 (Typ.)
- Compacted subgrade-95% min.

TYPICAL TRAIL SECTION

- Edge of asphalt beveled @ 45°
- 5' Shoulder (2' Min.)
- Finish grade 31 max side slopes
- 1½ Min. slope (2% max.)
- 13'-0"
- 10'-0"
- 5' Shoulder (2' Min.)
- Drainage Ditch (Typ.) depth at least 12"
- Compacted subgrade-95%
- Geogrid Underlayment under base course (see specifications)