



## **FIELD SERVICES PUBLIC GREENWAY and MULTIPURPOSE TRAILS INSPECTIONS**

Cary Infrastructure Field Services Technician must be notified of the following items during construction of greenway and related appurtenances so inspections can be arranged. Contact 311 or call (919) 469-4000 to schedule an inspection.

No construction can begin until construction plans have been approved by Cary, all applicable permits have been obtained, reviewed and approved by Cary. Also, construction cannot begin in a North Carolina State Road right-of-way without an encroachment agreement with the North Carolina Department of Transportation.

- Greenways in wooded area to be staked at 50-foot intervals by Professional Land Surveyor (PLS) and walked prior to clearing
- After centerline approval, install tree protection fences (site inspector) and erosion control (erosion inspector) before starting clearing
- Along roadways, follow the shoulder grade requirements
- Prior to proof roll of sub-grade, all clearing, grubbing and removal of top soil shall be completed
- All cross drainage pipe shall have the bottom/base area under pipe inspected prior to installing pipe
- All fill to be placed and compacted in 8-inch lift. Anything over 3 feet requires a Soil Geo-Technician to run densities. All reports to be turned into Infrastructure Field Services Technician prior to proof roll
- All cross drainage pipe to be approved prior to sub-grade proof roll
- Sub-grade proof roll to be with a loaded tandem axel dump truck or equipment of similar size and weight. All undercut areas repaired and proof rolled prior to placing geo-textile fabric or ABC stone
- Soil Geo-technician shall be present at all proof roll for repair recommendations
- Sub-grade shall be channeled to correct depth and grade stakes to check depth
- ABC stone density testing and depth inspection prior to proof roll for asphalt
- ABC stone proof roll to be with a loaded tandem axel dump truck or equipment of similar size and weight
- Undercut areas must be inspected and proof rolled prior to placing asphalt
- All safety railings, driveway aprons, handicap ramps, entrance gates/bollards, benches and signage require inspection prior to setting or constructing them
- Retaining walls over 30 inches shall be sealed by a licensed North Carolina Professional Engineer and require a building permit along with a 42-inch tall metal safety rail
- Bridges and boardwalks shall be designed and inspected by a licensed North Carolina Professional Engineer