

# CHAPTER 1 SPECIFICATIONS AND SPECIAL PROVISIONS

## General Notes, Acronyms

### A. GENERAL NOTES

1. The City of Kannapolis Land Development Standards Manual has been adopted by the City of Kannapolis for use to design and construct infrastructure within the city limits of Kannapolis and the ETJ. The Manual is intended to provide the minimum specifications and standards for development. Additional requirements may be deemed necessary by the Director of Engineering, depending on the proposed improvement. There are supporting specifications from multiple agencies listed in Chapter 7 – REFERENCES. All specifications used and noted will be the most current revision for the respective specifications and publications. The more restrictive specification shall be enforced.
2. No work associated with excavations, tie-ins to existing utilities, lane or road closures requiring observation by City personnel will be allowed on weekends and holidays without authorization from the City Engineering Technician assigned to the project. The request to work on the weekend or holiday must be made 48 hours in advance.
3. No work will be permitted outside of the hours of 7:00AM to 9:00PM on weekdays and 8:00AM to 9:00PM on weekends without authorization from the Director of Engineering.
4. Contractors performing work in the City of Kannapolis shall have a North Carolina Contractor License with the appropriate classification for the work being performed.
5. No land disturbing activities shall be allowed until an erosion control permit has been obtained from the NCDEQ. Land disturbing activities include, but are not limited to, grubbing, grading and utility installations.
6. Prior to beginning construction in the City of Kannapolis, the contractor is responsible for obtaining all applicable local, state and federal permits. A preconstruction meeting with a City Engineering Technician shall be held, and submittals (shop drawings) shall be approved. The submittals should include all materials (roadway, storm, and utilities) to be used during construction. Please allow 10 business days for the review. The review will be performed by the Engineering Technician.
7. Erosion control measures shall be installed as required by the erosion control and sediment permit. Maintenance and documentation as required by the erosion control and sediment permit is the responsibility of the contractor and erosion control measures shall not be removed without the permission of NCDEQ or the Director of Engineering. Sediment leaving a site, regardless of size of project, shall have corrective actions taken immediately by the financially responsible person to avoid further loss of sediment from the site. Methods of conveyance of sediment from the site include water, air, gravity, or ice.
8. The use of City water to perform construction activities shall be metered. The City has one fire hydrant for obtaining non-potable water for construction located at the City's Operation Center, 1401 Bethpage Road. Prior to obtaining water from the hydrant, a permit application shall be submitted to the Water Resources Director. In lieu of using the fire hydrant at the City's OC, a fire hydrant meter may be obtained from the City for specific locations. For details to obtain a fire hydrant meter, contact City of Kannapolis Customer Service at 704-920-4444. The meter applicant is responsible for backflow prevention at the meter and payment for water used.

## B. ACRONYMS

**AASHTO** – American Association of State Highway and Transportation Officials

**ABC** – Aggregate Base Course

**ACI** – American Concrete Institute

**ANSI** – American National Standards Institute

**ASTM** – American Society for Testing and Materials

**CIP** – Capital Improvement Projects

**CRMPO** – Cabarrus-Rowan Metropolitan Planning Organization

**CTP** – Comprehensive Transportation Plan (Developed by the CRMPO)

**DIP** – Ductile Iron Pipe

**DWQ** – North Carolina Department of Environmental Quality, Division of Water Quality

**DWR** – North Carolina Department of Environmental Quality, Division of Water Resources

**FHA** – Federal Highway Administration

**IFC** – International Fire Code

**KDO** – Kannapolis Development Ordinance

**MUTCD** – Manual for Uniform Traffic Control Devices

**NACTO** – National Association of City Transportation Officials

**NCAC** – North Carolina Administrative Code

**NCDEQ** – North Carolina Department of Environmental Quality

**NCDOT** – North Carolina Department of Transportation

**NPDES** – National Pollutant Discharge Elimination System

**PROWAG** – Public Right of Way Accessibility Guidelines

**PVC** – Polyvinyl Chloride

**RCP** – Reinforced Concrete Pipe

**SCM** – Stormwater Control Measure

**USACE** – United States Army Corps of Engineers

**USGS** – United States Geological Survey

**WSACC** – Water and Sewer Authority of Cabarrus County