



Town of Pittsboro, North Carolina

Engineering Department

Memorandum

To: Mayor Bill Terry and the Town of Pittsboro Board of Commissioners

From: Fred Royal, PE, Town Engineer 
John Poteat, Utilities Director 

Subject: Public Utilities Specifications addition: Public Water Supply Looping Requirement and directional boring requirements for public utilities crossing town streets

Date: July 28, 2014

Background and Discussion

At the June 23rd BOC meeting, Commissioner Farrell recommended that the Town adopt a provision or policy that requires looping new public water distribution as a means to better protect the public health and safety. This memorandum contains recommended language for looping water mains for new development and for prohibiting open cut in town streets for utility services.

Recommended Language for inclusion to the Town Public Utility Specifications (latest)

Section 2: GENERAL PROVISIONS FOR UTILITY CONSTRUCTION

Add to Item 15. Boring Under Roads and Railroads: "All public and private utilities that require crossing a town road or street must use directional boring. No open cutting is allowed unless there is a conflict with other utilities or otherwise is approved by the Town."

Section 3: WATER DISTRIBUTION CONSTRUCTION

Add to Item 02. Installation and Execution, Sub-item L. "A looped public water distribution system assists in maintaining residual disinfectant chlorine, reduces routine flushing and reduces the fluctuation in water pressure. All public water supply lines installed in the Town of Pittsboro must be looped, as determined by the Town of Pittsboro's Public Utility and Engineering Departments, unless it can be shown by the developer that it is infeasible to do so and approved by the Town".

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