



**WILSON, NC - GREENLIGHT  
USES PREFORMED LINE PRODUCTS CLOSURES AND AERIAL  
HARDWARE PRODUCTS FOR FIBER TO THE HOME**



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- Gene Scott, Wilson Greenlight



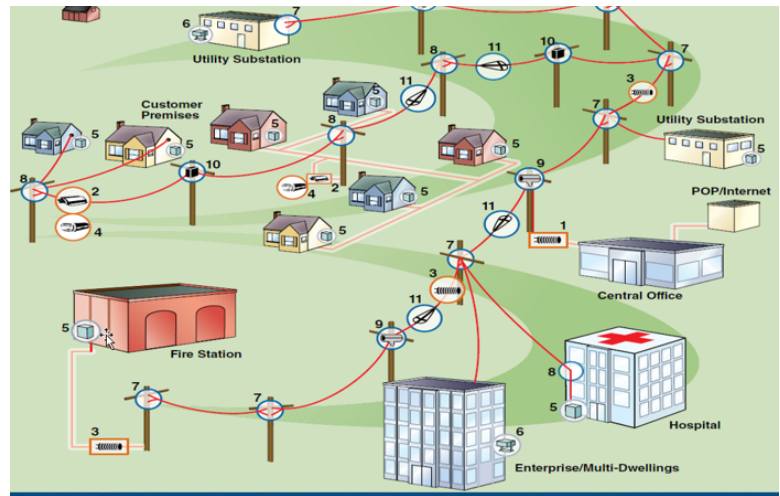
## Overview

Wilson Greenlight is North Carolina's first community-owned, symmetrical gigabit, fiber-to-the-home-network in the state. It represents more than 15 years of planning, designing, and fighting for a future-proof infrastructure that was the natural outflow for a community characterized by a long history of self-reliance, and infrastructure focus. Throughout its development, Greenlight's guiding principles have remained:

1. Supporting the economic health of the community,
2. Improving the delivery of city services and
3. Enhancing the quality of life for the citizens of Wilson.

## The Challenge

In 2007, the City began constructing what it saw as critical public infrastructure in a global economy dependent on the internet: a fiber-to-the-home network. With regard to FTTH infrastructure, what engineering, cable, closures, and hardware, both overhead and underground, are to be used? After screening many potential manufacturers, Greenlight narrowed its' list of approved manufacturers.



## The Solution

With much consideration and research, Greenlight chose many of PLP's closures, cable dead-ends, cable supports, vibration dampers, and Groundline Closures (GLC). The water-tightness of PLP's closures aided Greenlight with keeping splices water-free. The interchangeability of the PLP cable Grommet system between closures aided in efficiency. PLP also partnered with Greenlight on several occasions, providing in-house training, and with Greenlight piloting potential new PLP products for feedback – good and bad.

## Testimonial

"In order for any advanced FTTH network to be successful, many factors have to be in place. One of these factors is the selection of quality materials and the support of the material manufacturers along with their sales /engineering personnel. Our network is very fortunate to have this support from the companies supplying our materials and equipment. Two of the companies providing support to our network are Preformed Line Products, a manufacturer of a wide range of fiber optic products, and their regional support arm, Utility Service Agency. From the beginning of our design phase in 2007, both of these companies have been engaged with us in helping to meet our service needs, product delivery during critical times such as major hurricanes, in house training and answer best practices types of questions. Another factor that has helped us is there has been continuity of personnel assigned to support our network from both Preformed Line Products and Utility Service Agency. While it may not sound important on the surface, having continuity of support personnel aids in finding solutions, as they are familiar with our network."

- Gene Scott - Greenlight