

Gigabit Fiber Initiative

FIBER TO THE BUSINESS

FIBER TO THE HOME

Background

February 2013 - North Carolina Next Generation Network (NCNGN) issues RFP

Preliminary review of fiber assets with City Legal Department and UNC-CH School of Government

Gather support from universities and surrounding entities for a regional gigabit broadband initiative

Meetings with NCNGN team leader Marc Hoit, CIO NC State University

Form core team of regional entities to lead a broadband initiative and develop RFP

August 2015 - Propose regional broadband initiative to council

Purpose

To leverage existing municipal assets to encourage the growth and development of high speed broadband (gigabit fiber) networks in Greensboro and surrounding communities to meet the technological needs of current and future businesses, public institutions, educational institutions, and local residents.

Goals

1. Create a gigabit, fiber network to foster innovation, drive job creation, stimulate economic growth, and provide service in underserved areas
2. Provide an open access framework that maximizes service delivery and competition
3. Use public-private assets to reduce the digital divide, enhance workforce knowledge and skills, promote economic development, enhance access for anchor institutions and serve other targeted social purposes
4. Provide high speed internet services over a wired or wireless network at a substantial discount

Key Objectives

Provide comprehensive broadband infrastructure with capability to expand as needed

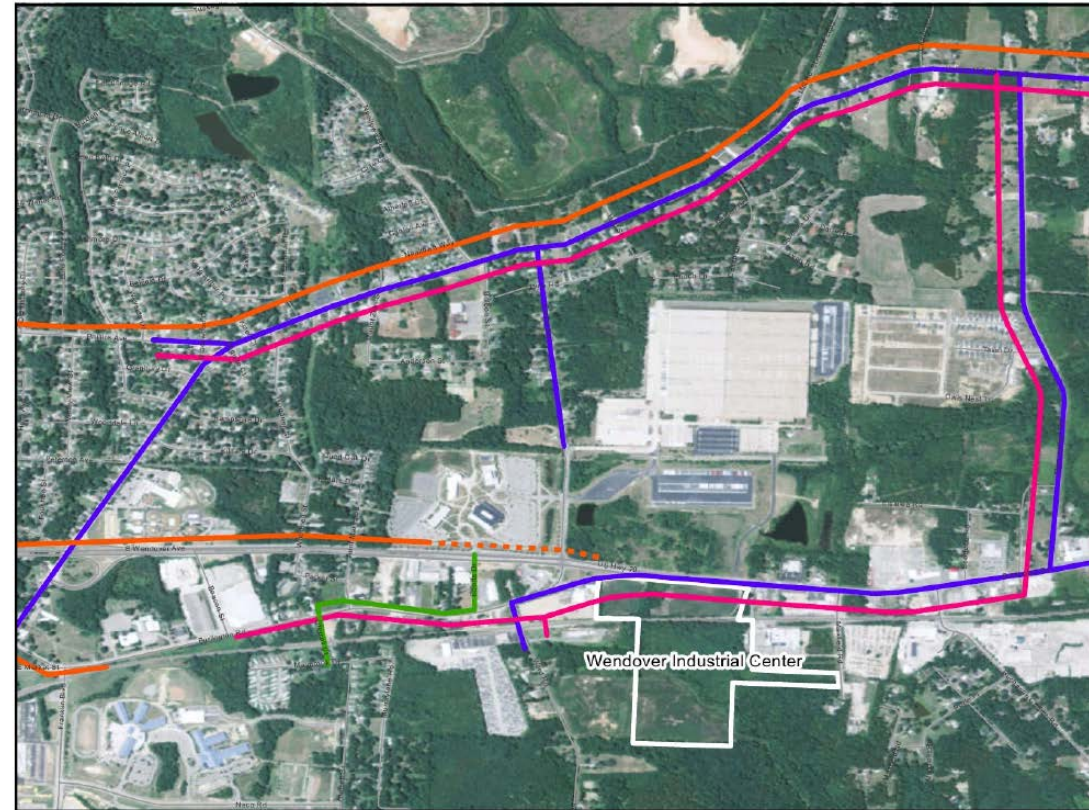
Free or heavily discounted services to low-income neighborhoods

Ultra-high speed service (up to 1Gbps) with support for voice, video and data.

Establish free wireless networks in parks and public areas

Promote Economic Development Sites by providing fiber connectivity

Focus Site Map



Benefits

Helps promote economic development

Reduce digital divide

Potential reduction of costs to new and existing customers

Utilize existing resources to generate revenue

Provisions

Provide selected vendor/s access to pool of assets and services including:

Fiber

Conduit

Pole attachment rights

Access to data closets

Co-location

Expedited permitting

Questions?
