



## Priority Project 1 – Broadband Availability Expansion -Fiber Ring

### Vision

Link existing segments and component pieces together to provide a complete Fiber Ring connection for all government, healthcare, education, and business organizations in the county. Connect to the OSC net fiber in Dayton. Develop shared resources for storage, backup, remote systems, VoIP, and other cost savings.

### Mission

In addition to improved delivery of government services, this network can also be used to enhance economic development by connecting business organizations to the network. It could also be utilized to help expand broadband access into the rural parts of the county.

### Actions

1. Leverage the existing infrastructure and resources of the ODOT traffic signal fiber links from individual townships into an integrated and interconnected shared county wide network.
2. Connect local city and county government agencies, departments and other education, healthcare, and business organizations on a common network. Enable competitive access.
3. Expand wireless service for homeland security, emergency management, and public safety, and also to rural residential areas of the county by partnering with a local WISP.

### Measurement Criteria

Increase Broadband Availability from 99% to 100% within 18 months. Increase equates to 2,435 additional households with available service, from 246,008, for a total of 248,443 by June 2011. (based on Connect Ohio availability mapping)

### Timeline Targets

Project to commence October 2009. Funding estimated completion February 2010, infrastructure estimated completion February 2011.

### Implementation Team

Project Leader: To be determined

Project Team: To be determined