



Community Broadband and Economic Development: representative examples of imminent projects requiring funding

All are underserved with broadband (residential and commercial) and all are pursuing community broadband for economic development and environment protection

Gastonia, NC: population of 66,000

- High unemployment - downturn in cotton, textile, and related industries
- Prepared to build fiber-to-the-premises immediately--could start fiber construction within 30 days
- Construction value of \$70 million in first 18 months (total cost of \$90 million)

Colorado Wireless Communities: combined population of 622,000

- Consortium of ten cities has undertaken extensive planning and engineering for public broadband wireless network to serve residences and small businesses. Lack of venture capital has stalled the project despite several years of planning.
- Prepared to proceed to construction immediately if funding is available. Business and technical planning is complete and vendors have been selected.

Norwich, CT: population of 36,000

- High unemployment - downturn in manufacturing related industries
- Just completed backbone fiber connecting City locations, schools, and substations; prepared to immediately expand fiber to key business parks and other locations.
- Construction value of \$30 million in first year (total cost of \$45 to \$55 million)
- Smart grid project could be initiated within 6 months; construction value of \$2 million (total cost of \$8 million)

Sturgis, MI: population of 11,300

- High unemployment - downturn in manufacturing and auto industries
- Construction value of \$7 million (total project cost of \$10 to \$15 million)
- Prepared to begin construction immediately to key business parks and other locations.

Seattle, WA: population of 600,000

- Mayor Nickels prioritizes fiber construction for economic development, environment
- Construction value of \$500 million
- Able to initiate project immediately in the event that funding is available
- Private sector interest weakened in context of financial crisis

San Francisco, CA: population of 750,000

- Council, Mayor prioritize broadband construction for economic development
- Already provide state-of-the-art connectivity to Federally-subsidized housing units, with appropriate computer and Internet training for residents
- Prepared to initiate construction of pilot if funding is available

Portland, OR population of 570,000

- Council, Mayor prioritize fiber construction for economic development, environment
- Construction value of \$400 million
- Business and technical plans prepared and ready to implement if funded

Federal Way, WA: population of 88,000

- Public fiber project was initiated but is currently stalled for lack of funding. Existing infrastructure was made available to the public, and is also used for public safety. All engineering and planning has been completed.
- Prepared to restart fixed wireless and fiber to the premises construction immediately if funding is available.

Locust, NC: population of 3,200

- Planning underway for public access wireless network in unserved area.
- Project is currently stalled for lack of funding.
- Prepared to complete engineering and begin construction immediately if funding is available.

Monticello, MN: population of 12,000

- Fiber to the Premises construction is planned throughout the community, but is currently stalled by incumbent litigation and associated costs. Project is intended to serve all homes and businesses.
- Prepared to begin construction immediately if litigation is resolved.

Mooreville, NC: population of 12,000

- Existing public broadband network seeks to extend fiber connectivity to numerous small businesses in underserved area. All engineering and planning is complete.
- Prepared to begin construction within 90 days of grant award.

Redwing, MN: population of 16,000

- Community has completed all planning and engineering for public fiber broadband project that would serve all residences and businesses.
- Prepared to begin construction immediately if awarded grant.

Wilson, NC: population of 45,000

- Existing wireless network seeks funds to expand coverage from 20 percent to 90 percent of population in underserved county. All engineering and planning is complete; vendor and construction firm have been identified.
- Prepared to begin construction immediately if funding is available.

Lakewood, CO: population of 144,000

- City has undertaken extensive planning and engineering for public broadband wireless network to serve residences and small businesses. Lack of venture capital has stalled the project despite several years of planning.
- Prepared to proceed to construction expeditiously if funding is available.

Miami Valley Communication Council: combined population of 150,000

- Consortium of eight cities has undertaken extensive planning and engineering for public broadband wireless network to serve residences and small businesses. Lack of funding has stalled the project despite several years of planning.
- Project is planned for an area where 5,000 auto industry jobs have been lost in recent years.
- Prepared to proceed to construction within 30 days if funding is available. Business and technical planning is complete and vendors have been selected.

Humboldt County, CA: population of 144,000

- Public access entity has developed plans for wireless access to public, educational, and government resources and connectivity to most remote areas of the County.
- Prepared to proceed to construction expeditiously if funding is available.

Salisbury, NC: population of 32,000

- City seeks to extend existing (currently under construction) public fiber to the premises network to other, unserved areas within the county. All engineering and planning are complete and vendors are under contract.
- Prepared to expand construction immediately if funding is available.

Port Angeles, WA: population of 20,000

- City plans city-wide wireless system to serve the public as well as smart grid and public safety goals. City is currently engaged in planning and engineering for the project and has allocated some public funding. Additional funding would expedite construction.
- Prepared to proceed to construction expeditiously if funding is available.

Mentor, OH: population of 50,000

- City plans to build fiber optics to business areas that are unserved by affordable broadband products.
- Prepared to proceed to construction expeditiously if funding is available.

Westerville, OH: population of 38,000

- City has completed all planning and engineering for public wireless and fiber construction to serve businesses that are currently unserved, a key economic development initiative of the city, as well as health care, education, and other institutions.
- Prepared to proceed to construction immediately if funding is available.

Coshocton County, OH: population of 37,000

- City seeks to offer wireless services to extremely rural areas currently unserved by any Internet service other than dial-up. County has undertaken extensive planning and engineering for network to serve the rural 80 percent of the county. All planning is complete but no funding is available.
- Prepared to proceed to construction expeditiously if funding is available.

Dayton, OH: population of 166,700

- City plans to extend reach of existing wireless network that was abandoned by private sector operator.
- Prepared to proceed to expansion within 30 days if funding is available. Business and technical planning is complete.

Violet Township, OH:

- City has engaged in extensive planning to deploy fiber optics to meet small business, health care, and education needs.
- Prepared to proceed to construction immediately if funding is available. Business and technical planning is complete.

Saint Paul, MN: population of 272,000

- City plans municipal fiber to the premises network to meet community needs for high speed broadband connectivity.
- Prepared to proceed to expeditiously if funding is available.

Regional Fiber Consortium, OR: combined population of 200,000

- Consortium of communities plans fiber network to offer connectivity to health care and small business concerns.
- Prepared to proceed to construction immediately if funding is available. Business and technical planning is complete.

Longmont, CO: population of 87,000

- City has partnered with private sector to deploy wireless network to the public and fiber optics to businesses, but the current economic environment has led potential private sector partners to withdraw from the project.
- Prepared to complete construction immediately if funding is available.