



**FOR MORE  
INFORMATION**

[www.recovery.gov](http://www.recovery.gov)  
[www.ntia.doc.gov/broadbandusa](http://www.ntia.doc.gov/broadbandusa)

<b>Organization:</b>	City of Charlotte
<b>Project Name:</b>	CharMeck Connect
<b>Project Type:</b>	Comprehensive Community Infrastructure/Public Safety
<b>State:</b>	North Carolina
<b>Federal Award:</b>	\$16,702,490

**ABOUT THE PROJECT**

The **City of Charlotte's** CharMeck Connect project proposes to deploy an interoperable 700 MHz public safety wireless broadband network for the city as well as the greater Mecklenburg County area. The city proposes to provide speeds of 3 Mbps downlink and 1 Mbps uplink to all public safety agencies across multiple jurisdictions. The project plans to construct 24 new wireless towers to complement six existing towers on the network, and bring over 11,000 public safety users onto the system.

CharMeck Connect also proposes to:

- Provide government officials and first responders with live streaming video capabilities, computer aided dispatch and automatic vehicle location, geolocation and situational awareness applications for tactical response, field-based reporting and image transfer, and real-time criminal database access.
- Implement Computer Aided Dispatching and advanced mapping and field reporting capabilities, resulting from immediate interoperability of data sharing among government agencies.
- Enable access to other smaller public safety jurisdictions in Mecklenburg County, generating estimated cost savings of \$380,000 per year to Charlotte alone in public safety mobile broadband costs.
- Serve as a demonstration project for national implementation of 700 MHz interoperable public safety wireless broadband networks.

**ORGANIZATION'S HISTORY**

The City of Charlotte's Network Technology Services organization currently operates the city's existing 800 MHz wireless public safety network and has led the city's efforts to expand that system in the Charlotte Metro Area. The group also provides maintenance, repair, and programming for Charlotte's voice, data, video, and emergency warning systems.

**PROJECT PARTNERS**

- Mecklenburg County
- Town of Cornelius
- Town of Matthews Police
- Town of Davidson
- Town of Huntersville

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on [www.ntia.doc.gov/broadbandusa](http://www.ntia.doc.gov/broadbandusa).

For press-related inquiries, contact 202-482-7002 or [press@ntia.doc.gov](mailto:press@ntia.doc.gov). For the general public, contact [BTOP@ntia.doc.gov](mailto:BTOP@ntia.doc.gov).

Made possible by the Broadband Technology Opportunities Program

Funded by the American Recovery and Reinvestment Act of 2009

