

# focus BROADBAND



## STIMULUS UPDATE

August / 2010

## UPCOMING EVENTS:

- Check the September 2010 newsletter for important news on the Project 2 groundbreaking.

### Project 2: WESTERN NEW YORK REDUNDANT FIBER RING (via Armstrong Tel, Empire Tel and Frontier Communications)

ION in conjunction with Empire Telephone, Armstrong Telephone, and Frontier Communications will be constructing a 140-mile route protected fiber broadband backbone that connects Odessa, Prattsburg, Alfred, Almond and Naples, NY. This build goes through 11 towns, with a total population of 47,990; representing 20,749 households and 2,677 businesses.

The build will connect to the existing ION Network in Prattsburg (Empire Telephone) at one end and Whitesville (Armstrong Telephone) at the other.

Check upcoming events in the September issue, as we are expecting to break ground on the construction of this project.



Congressman  
Scott Murphy

Representing  
New York's  
20th District

In the 1930's, the Rural Electrification Act brought electricity to houses and businesses throughout the rural communities of the United States. Today, we need to bring the same zeal and energy to bringing Broadband Internet to all of our rural communities. I have been working with ION since I was elected to bring Internet connectivity to underserved and un-served communities throughout Upstate New York. Broadband is absolutely vital for the development of our communities, bringing in new businesses, and ensuring that our children do not have to leave in order to find jobs.

The award that I strongly supported for the Middle Mile project is just the beginning. Just like rural electrification brought electricity to all of America, we need to bring Internet to all of Upstate New York. I will continue to work hand-in-hand with ION to access the necessary funds to give residents here the tools they need to start and grow small businesses, and ensure the continued development of our local communities.

## AWARD UPDATE

- ION/DANC have submitted Environmental Assessment documents for the final NTIA approval
- ION has released their Outside Plant Construction Request for Qualification
- ION/DANC have met with various opto-electronics and fiber cable manufacturers to help identify key points for our upcoming RFPs

## Partner Profile

### The Development Authority of the North Country (DANC)

The Development Authority of the North Country owns and operates several regional infrastructure and economic development initiatives including water/wastewater facilities, a solid waste management facility, a community development organization, and the Open Access Telecom Network (OATN). The OATN supports public and private voice, data and video operations, providing regional networks and carrier transport services into and out of the North Country. This telecommunications infrastructure provides the foundation to stimulate economic development and business retention in Jefferson, St. Lawrence and Lewis counties.

ION partnered with DANC as part of their American Recovery and Reinvestment Act (ARRA) stimulus application. The Watertown, NY based DANC will be taking the lead on the building of three of the ten fiber builds as part of the award. Those builds include;

**Project 6:** North Country Route Protection - Connecting the OATN Network to the ION Network via a build from Lowville to Rome, as well as connecting Lowville to Carthage.

**Project 8:** North Country Broadband Backbone - Connecting the OATN Network in Massena to the ION Network in Plattsburgh, routing through Malone, Chateaugay and Ellenburg.

**Project 10:** North Country Fiber Backbone - Connecting the OATN Network in Star Lake to the ION Network in Westport, routing through Tupper Lake, Paul Smiths, Saranac Lake and Lake Placid.

## COMMUNITY COMMENTARY

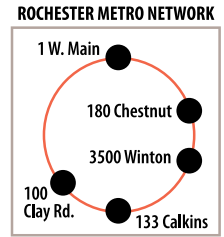
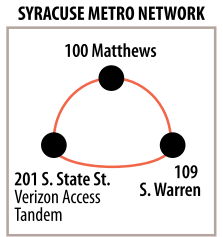
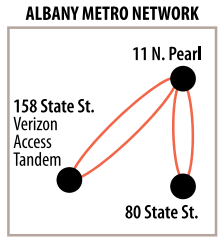
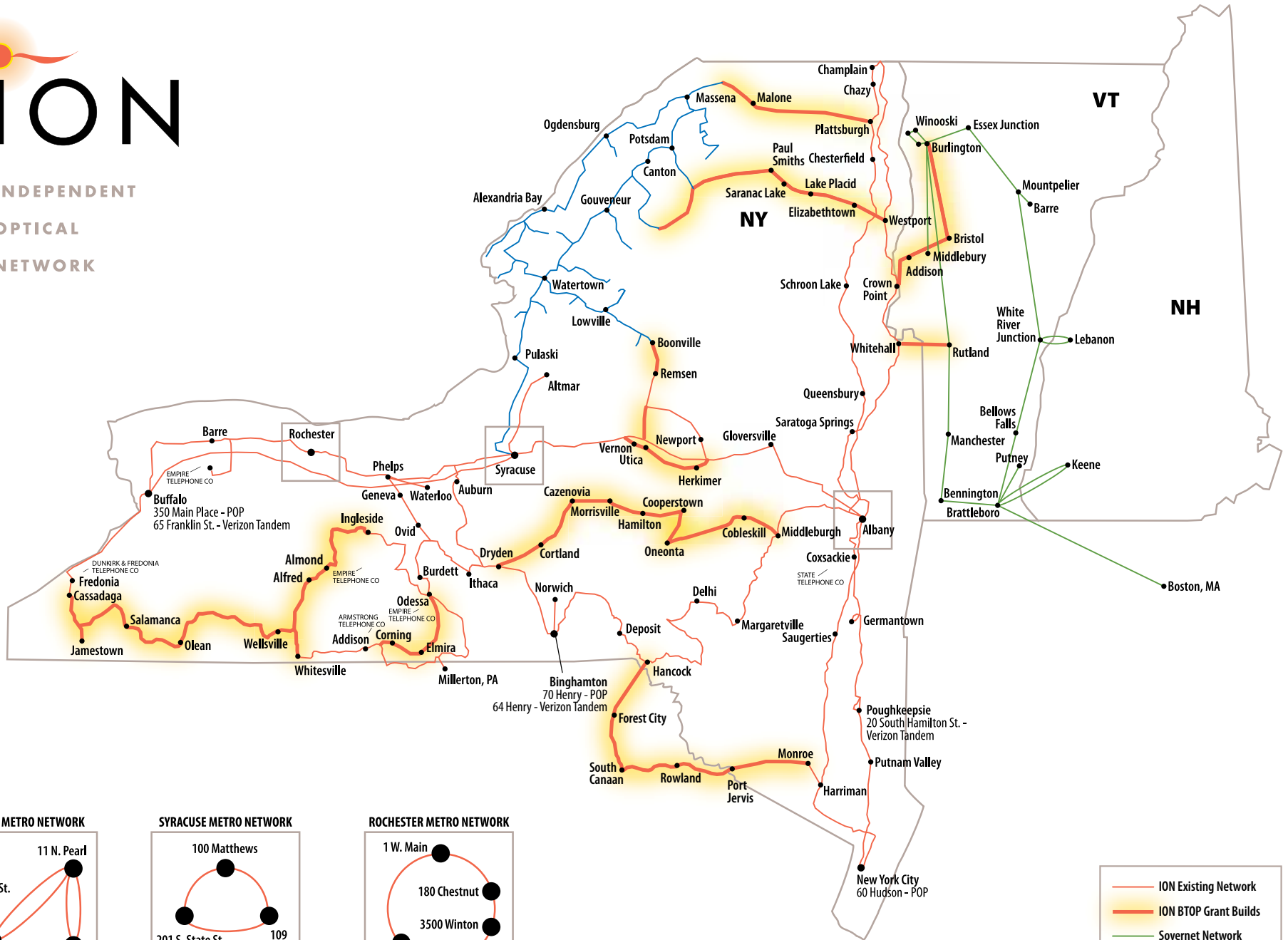
Our Internet connection provides a window on the wider world and supports the important educational work of our scholars. The 21st century infrastructure that ION is building in Western New York State will greatly expand the work of our researchers, students, and faculty, making Alfred University an increasingly competitive and important institution.

— GARY ROBERTS  
Director of Information  
Technology Services,  
Alfred University

Political Corner



INDEPENDENT  
OPTICAL  
NETWORK



- ION Existing Network
- ION BTOP Grant Builds
- Sovernet Network
- DANC Network