

Michigan's FCC Rural Health Care Pilot Program



Acronyms

- FCC = Federal Communication Commission
- USAC = FCC's administrative arm for this project
- HCP = Health Care Provider



Overview

- Bring high-speed internet access to public hospitals, primary care clinics and other providers that serve critical populations in rural and tribal areas
- 85% funding (\$20.9 million) from the FCC to build and install network infrastructure in rural Michigan
 - The remaining 15% (\$3.69 million) must be raised locally



Who's Participating?

- 551 Sites
- 74 counties

- Include:

- Hospitals
- Clinics (FQHC, RHC, ...)
- Community Mental Health Centers
- Local Health Departments
- Tribal Health Centers
- Medical Labs
- Medical Imaging Centers
- Michigan Department of Corrections Health Care Sites

Project Sites			
Total Sites	551		
Total Organizations	131		
Urban Sites	103	18.8%	
Rural Sites	448	81.2%	
For-profit Sites	37	6.7%	

Area of Focus



Timeline

Event	Date
FCC Order Requesting Applications	9/26/06
Application Submitted to FCC	5/7/07

Timeline

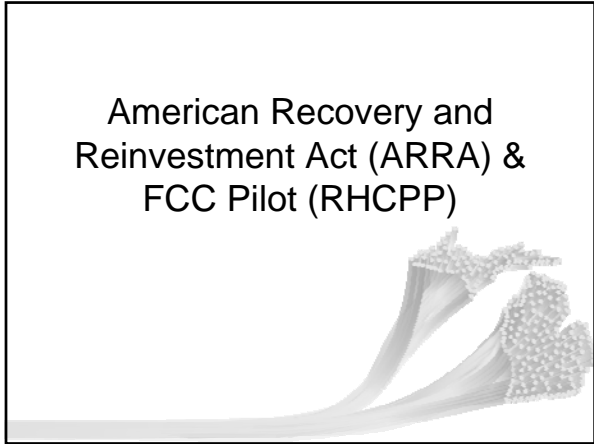
Event	Date
FCC Order Requesting Applications	9/26/06
Application Submitted to FCC	5/7/07
FCC Announces Awards	11/19/07
Project Receives OMB Clearance	1/22/08
Training – Project Really Starts	3/11/08
MPHI Submits First Site List and RFP Text	10/2/08
RFP Text Approved	11/5/08

And We Wait & Wait & Wait . . .

Timeline

Event	Date
USAC Responds questioning over 200 sites	12/18/08
MPHI Responds	1/16/09
USAC Questions 37 sites	2/3/09
Recovery Act (ARRA) signed into law	2/17/09
MPHI Responds	2/18/09
USAC – Some outstanding sites on "Hold"	2/24/09
Down to 3 "questionable" sites and 2 other issues	2/25/09
USAC & FCC provide some additional information	3/18/09

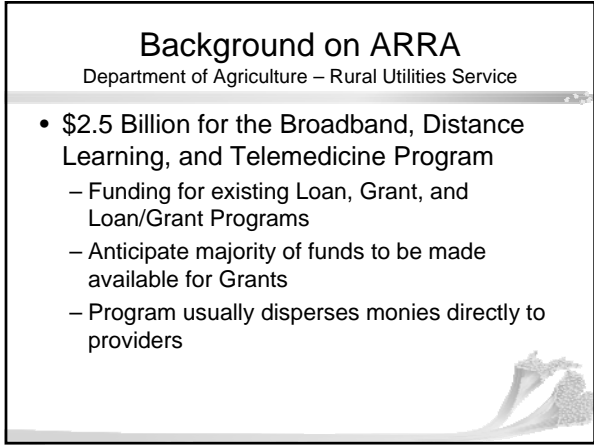
American Recovery and Reinvestment Act (ARRA) & FCC Pilot (RHCPP)



Background on ARRA

Department of Agriculture – Rural Utilities Service

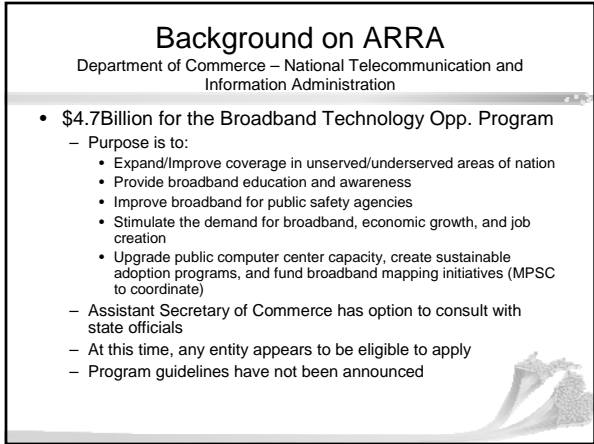
- \$2.5 Billion for the Broadband, Distance Learning, and Telemedicine Program
 - Funding for existing Loan, Grant, and Loan/Grant Programs
 - Anticipate majority of funds to be made available for Grants
 - Program usually disperses monies directly to providers



Background on ARRA

Department of Commerce – National Telecommunication and Information Administration

- \$4.7 Billion for the Broadband Technology Opp. Program
 - Purpose is to:
 - Expand/Improve coverage in unserved/underserved areas of nation
 - Provide broadband education and awareness
 - Improve broadband for public safety agencies
 - Stimulate the demand for broadband, economic growth, and job creation
 - Upgrade public computer center capacity, create sustainable adoption programs, and fund broadband mapping initiatives (MPSC to coordinate)
 - Assistant Secretary of Commerce has option to consult with state officials
 - At this time, any entity appears to be eligible to apply
 - Program guidelines have not been announced



Michigan's Statewide Vision

- **Goal #1:** Michigan aims to expand and upgrade broadband service to unserved/underserved populations across the State.
- **Goal #2:** Transform Michigan's economic competitiveness by making affordable broadband accessible to any business throughout the state.
- **Goal #3:** State and Local Government will leverage the superhighway infrastructure to ensure a better, more efficient government for the 21st century.
- **Goal #4:** The infrastructure will strengthen Michigan's ability to monitor its borders and critical infrastructure.



Michigan's Broadband Plan

- Statewide Broadband Planning group
 - State Departments:
 - Information Technology, Education, Transportation, History Arts and Libraries, Community Health, Energy Labor & Economic Growth, Public Service Commission
 - Others:
 - KPMG, Michigan Public Health Institute, Executive on Loan (Cisco)
 - Additional organizations will be added upon Governor's approval (ISPs, Locals, etc.)
- Planning group developed a three legged approach...



Leg #1 – Statewide Superhighway

- Build a fiber optic superhighway
 - Require a large fiber infrastructure broken into three segments for public sector, open access and vendors
- Build On/Off Ramps to each County Seat
- Improved access to backhaul will lower the cost of entry for ISP's to reach new communities



Leg #2 – Local Networks

- Throughout each county construct or upgrade networks to allow for flow of information and application sharing between courts, schools, libraries, and other local and state government facilities
- Exact distribution amounts will be determined by criteria developed to highlight need and collaboration
- Libraries, community centers & schools become virtual hubs for the unserved/underserved population



Leg #3 – Broadband to the Unserved and Underserved

- Goal – Expand coverage to all unserved and underserved areas of Michigan
 - ISP's will have ability to use "open access" portion of backbone for low cost backhaul
 - Other public assets will be made available to ISPs
 - Both wire-line and wireless technologies will be considered



How Does the FCC Pilot Fit In

- Leverage the ARRA statewide backbone for healthcare
- Connect health care providers to the closest county connection
 - Should give HCPs a better, faster and lower ongoing cost connection
- Possibly leverage county/regional networks



Outstanding issues

- ARRA timeframe is not finalized
- ARRA funds are competitive
 - No guarantee State's plan will get funded
- Pilot RFP terms may have to change
 - May need longer commitments from HCPs
- Pilot may be delayed a few more months



General Info

- Project website
 - <http://fcc.mphi.org>
 - Update will be posted middle of next week
- Project email
 - fcc@mphi.org



Questions?

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Update Point of Contact

- Please email any changes of your organization's point of contact to fcc@mphi.org
- The person who received the letter is our current point of contact