BROADBAND Overview
New Mexico Broadband Program

Broadband USA Webinar Series
Best Laid Plans
17 August 2016

Building a Statewide Solution
OFFICE OF BROADBAND AND GEOSPATIAL INITIATIVES

PURPOSE:

• Coordinate Broadband and Geospatial activities in New Mexico
• Collaborate with State, Local, Federal, and Private entities
• Leverage returns on investments, economies of scale, and sustainability

OUTCOME:

• An integrated and statewide implementation of Broadband Infrastructure/Digital Literacy and Geospatial Technology that consolidates resources in actionable solutions.
OBGI: Broadband Initiatives - Structure

OFFICE OF BROADBAND INITIATIVES

NM Broadband Program

Education BB4E  Businesses BB4B  Health BB4H
OBGI: Services and Resources

Coordination: Government, Industry, and Tribal

Reports: Strategic Plans, Sector Solutions, Education

Engineering: Network Design and Equipment

Testing: Network Performance and Speed Testing

Analytics: Propagation, Viewshed, Line of Sight, Co-Locate

Data: Infrastructure, Anchors, Business, and Residential

Mapping: Online and Map Products

Office of Broadband and Geospatial Initiatives

NM Broadband Program: http://www.doit.state.nm.us/broadband/index.shtml
OBGI: Broadband for Education (BB4E)

Objective: Connect all schools by the last quarter of 2018 with 1 mbps per student/staff.

Process: Leverage E-Rate Funding

Resources:
- State Appropriation of $50M for five years ($10M per year)
- School Survey of Existing Conditions (840+)
- E-Rate Consultant Contract
- Facility and Infrastructure Mapping

Collaborative:
- Governor’s Office
- Education SuperHighway
- Department of Information Technology
- Public Education Department
- PSCOC Senate Bill 159
- State Library
- Tribal Education

[Image of a man working on digging a trench]

Office of Broadband and Geospatial Initiatives

BB4E: http://www.broadband4education.nm.gov/
**OBGI: Broadband for Businesses (BB4B)**

**Objective:** Define level of effort to provide reliable and affordable Broadband Services to Businesses.

**Process:**
- Assess capacity requirements and develop a cost model
- Research administrative options to implement a statewide BB4B Project
- Provide Business focused digital literacy content and web presence

**Resources:**
- Special State appropriation ($400K)
- Business data (Business Permits, Proprietary Sources, Survey)
- Speed Test Blitz
- NMBBP broadband availability and facility (CASA) data

**Collaborative:**
- Legislative – Interim Jobs Council
- Business Community – Associations, Economic Development, Commerce
- Government – Local and State Agencies (TRD, EDD, DOL, Regional, etc.)
OBGI: Broadband Projects

BB4H: Broadband for Health
- Leverage USAC Health Connect Funds
- Engage consultant assistance for application
- Utilize existing funds to provide match

BB4L: Broadband for Libraries
- Change library bond language to include broadband language
- Use bond funds for match
- Support Consortia with Schools to access E-Rate
- Conduct gap analysis and identify access and wifi needs

BB4C: Broadband for Communities
- Facilitate and provide technical coordination to communities
- Support alternative technologies to fiber (TVWS, DMV, etc)

NMFIRSTNET: Public Safety Broadband Network
- Data Collection Activity – Towers, Critical Infrastructure, etc.
THANK YOU

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Broadband Portal: http://www.doit.state.nm.us/broadband/index.shtml