



State of NM's Broadband Support Framework

Presenters:

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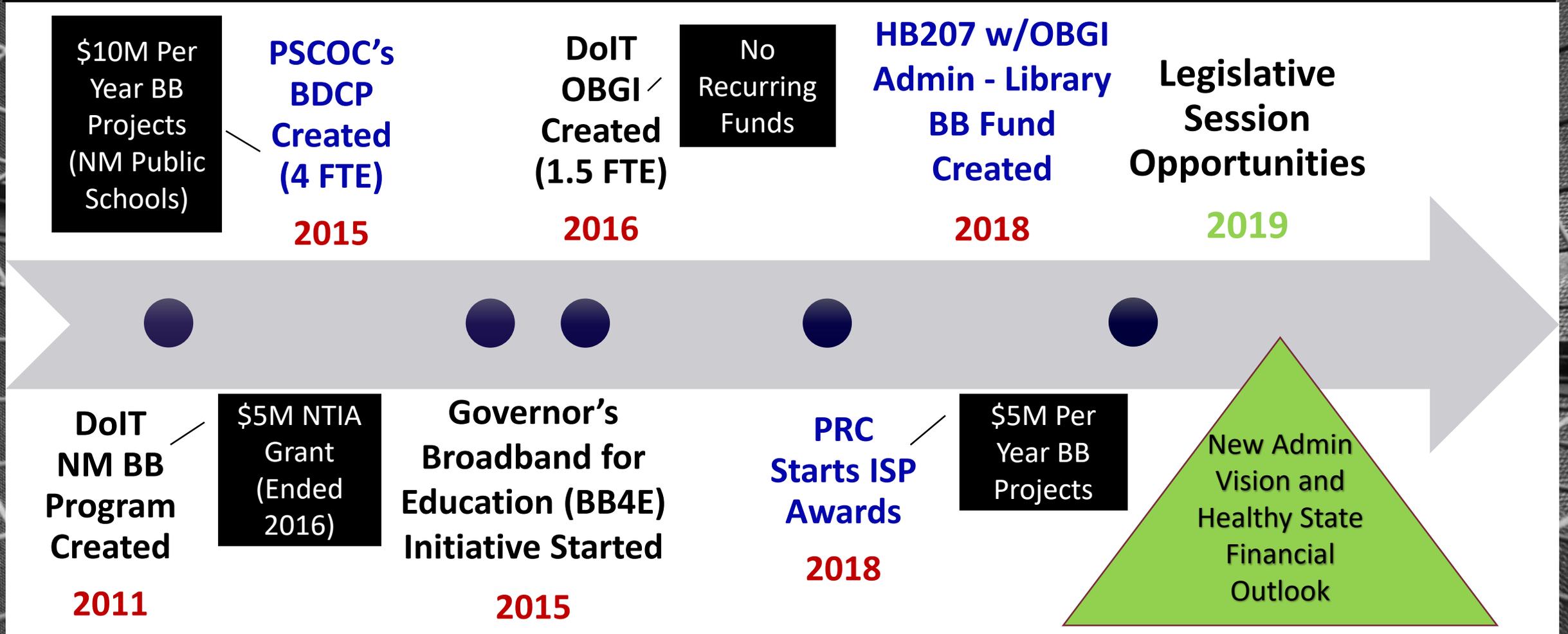
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Legislative Finance Committee

Meeting: Dec. 13, 2018

State Capitol - Santa Fe, NM

State Broadband (BB) Level of Effort



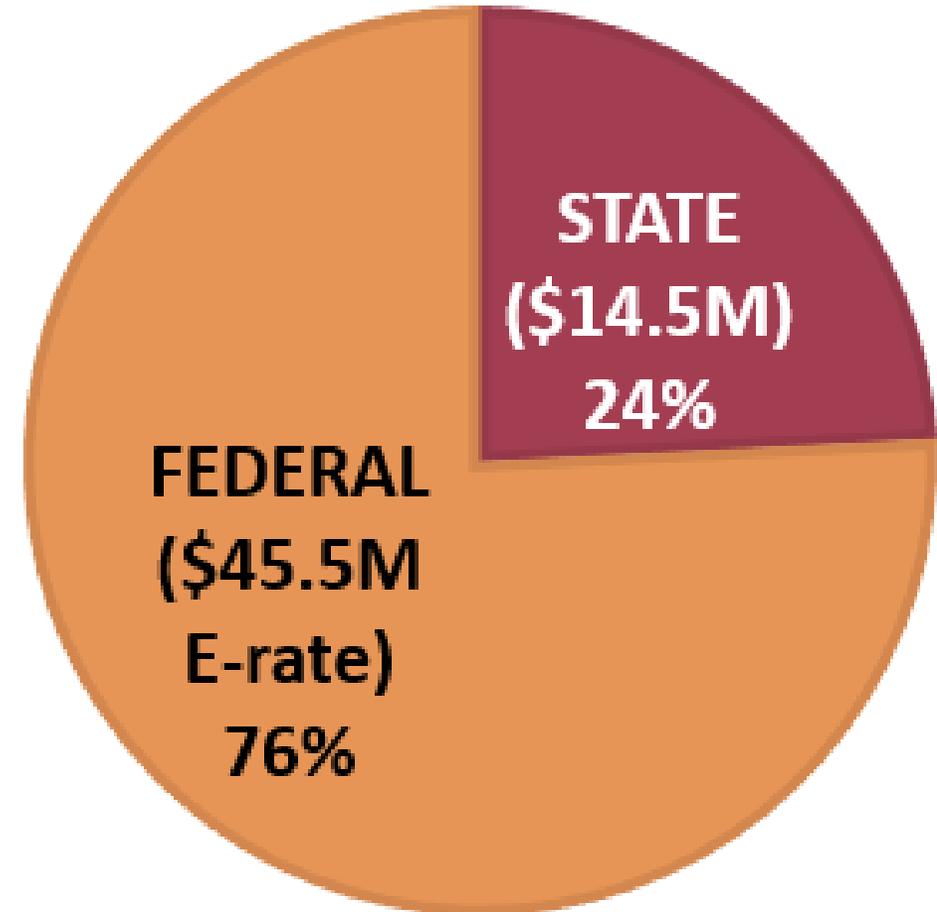
Blue = Existing BB Programs with Similar Work (State Matching Funds)

Acronyms: DoIT - Department of Information Technology; OBGI - Office of Broadband & Geospatial Initiatives; PSCOC - Public School Capital Outlay Council; BDCP - Broadband Deficiencies Correction Program; PRC - Public Regulations Commission; ISP - Internet Service Provider; NTIA - National Telecommunications & Information Administration

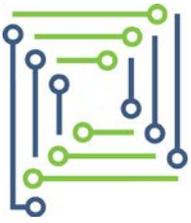
Estimated Level of Effort

Ballpark %: Investments in
NM Broadband Since 2015

TOTAL INVESTMENT: \$60M



*Includes Staffing, Public School
Capital Outlay Council (PSCOC)
State Matching Funds (2015-
2017), Operational Expenses,
Support Services, etc.*



BB4E Progress Made

Main Goals: Broadband Affordability *and* Fiber Connectivity

- Median Cost of Bandwidth Dropped: 66% (2015-2018)
- % of Schools **Scalable to** 1 Mbps per Student Goal: 65% to 99%
- \$3.4M State Funds, Leveraged \$45.5M in E-rate (2015-2017)

All of which strengthens broadband conditions statewide. These robust upgrades will pave the way for future broadband initiatives.

No-Fiber Status: Artesia/Penasco School: Only School Resistant to Upgrade;
On Slow Copper w/Only 17 Students

Path Forward: Gallup/Tse Yi Gai - RFP Issued; T or C/Arrey - RFP Issued;
Socorro - Funding Expected Soon; Grants - Funded w/Project Underway

Top 5: Strengths vs. Weaknesses

Strengths

1. Strong Leadership
2. Successful Programs
3. Talented & Experienced Staff
4. Positive State Financial Outlook
5. Federal Funding Opportunities

Weaknesses

1. Missions Exclude Broadband
2. Program Variants & Redundancies
3. Funding & Planning Constraints
4. Inability to Support All Sectors
5. Missed Funding Opportunities

Broadband Support in Other States

** Per the National
Telecommunications
& Information
Administration
(NTIA)*

- *Pressure to Come Up-To-Par w/Broadband Conditions
- *23 States Have or Are Developing a Separate Broadband Entity
- *Broadband Support Framework is Unique in Every State
- Federal Broadband Data Issues

Top 3: State Improvement Opportunities

*Converting
Weaknesses into
Major Strengths*

1. Empower State Support Capabilities
 - Consistent Funding
 - Geospatial Services
 - Centralized Programs & Support
2. Support Funding for the State Library Infrastructure Fund
 - **Critical for Connecting Rural Communities & Closing The Homework Gap**
3. Guide Internet Service Provider Data Reporting Requirements

Federal Funding Opportunities

*Centralized Planning
& Coordination
Supports The
Increase of Federal
Funding*

1. **E-rate (Schools & Libraries)**
 - ✓ **Leveraged \$45.5M w/\$3.4M**
2. e-Connectivity (US Department of Agriculture (USDA) Loans & Grants for Unserved Rural Areas)
 - **Likely \$1 Billion in 2019**
3. Community-Connect (USDA Rural Area Grants - Low Income)
4. Health Care Connect (Rural)
 - **Potential 60% Match**
5. Lifeline (Low Income Consumers)

5-Step Plan

2019 Opportunities:

★ *Legislative Session*

★ *Positive Financial
Forecast*

1. Clarify State Broadband Lead
2. Determine Support Improvements w/Vision Clarity
3. Start Required Broadband Assessment
 - Consistent Metrics
 - Roadmap for Moving Forward
4. Define Scope of Work
5. Deliverable: Comprehensive Statewide Broadband Plan within 1 year

THANK YOU

<http://www.doit.state.nm.us/>



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