

NEW MEXICO BROADBAND PROGRAM

Northwest New Mexico Council of Governments

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NM DEPARTMENT OF
**INFORMATION
TECHNOLOGY**

Broadband Legislation: HB10

HOUSE BILL 10: Enacting the Connect New Mexico Act

- Creates the Connect New Mexico Council (Select Cabinet Secretaries, 4 by Legislators, 1 by Governor, Three Tribal)
 - Meet Monthly and four-year terms (staggered)
 - Coordinate state agency broadband programs/projects
 - Evaluate, prioritize, and award grant proposals
 - Adopt rules to establish a competitive grant program
 - Support Digital Inclusion
 - Follow eight criteria when awarding funds
- Develop a Digital Equity Analysis and Plan inclusive of local/state/tribal entities
 - Address affordability, training, and education
 - Identify state/federal/private sector programs to close the digital equity gap
 - Progress Report due 1 August 2023 and to include into the Statewide Broadband Plan by 1 January 2024
- Create the non-reverting Connect New Mexico Fund (appropriations, gifts, grants, donations)
- Annual Report due 1 October each year with five requirements
- Increases the amount of the PRC Rural Universal Services Fund to a minimum of \$8M

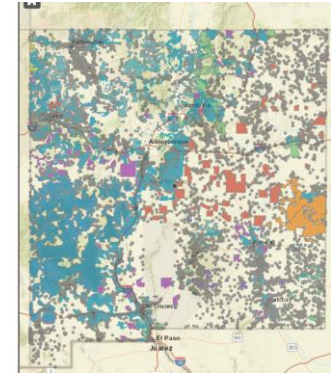


Motorola Nitro LTE Transmitter

Broadband Legislation: SB93

SENATE BILL 93: Establishing the Office of Broadband Access and Expansion

- Office created and administrated by the NM Department of Information Technology (NM DoIT)
- Office managed by a director appointed by the governor
- Duties include
 - Establish Standards for quality of service (homes, businesses, public facilities)
 - Maintain the online NM Broadband Map
 - Create and maintain a repository for broadband data/information
 - Develop a three-year statewide broadband plan (First due 1 January 2022)
 - Update that plan annually and report to the Governor
 - Plan to be inclusive of state/local agencies, tribes, and public education input
 - Office will provide technical and planning assistance with a focus on regional planning
 - Office will form an advisory committee inclusive of state/local/tribal entities and the public
 - Office will identify federal and other funding sources
 - State agencies required to coordinate with the Office



Prepared for the New Mexico Department of Information Technology
Office of Broadband

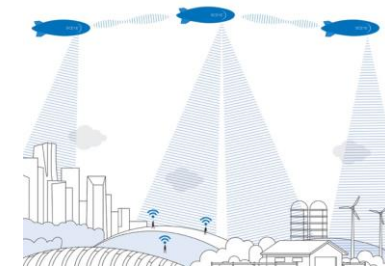
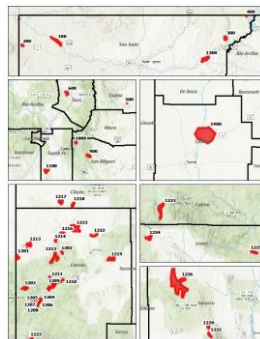
Broadband Legislation: SB377

SENATE BILL 377: General Appropriations Act (Broadband \$110M)

- Broadband Appropriations to the Connect New Mexico Fund (FY2021-2026)
 - Plan, design, engineer, construct, and purchase, and equip broadband infrastructure (\$70M)
 - No more than seven million (\$7M) be spent contingent on submittal of an Expenditure Plan
 - Development of a Broadband Office (\$500K)
 - Grants to local governments, tribes, electric/telephone cooperatives for planning/grant writing support (\$5M)
 - No more than \$500K be spent contingent on submittal of an Expenditure Plan
 - Plan, design, engineer, construct, purchase, and equip broadband infrastructure for schools (\$25M)
 - No more than \$2.5M be spent contingent on submittal of an Expenditure Plan
- Appropriation of \$10M to Economic Development Department to support “Emerging Broadband Technology”



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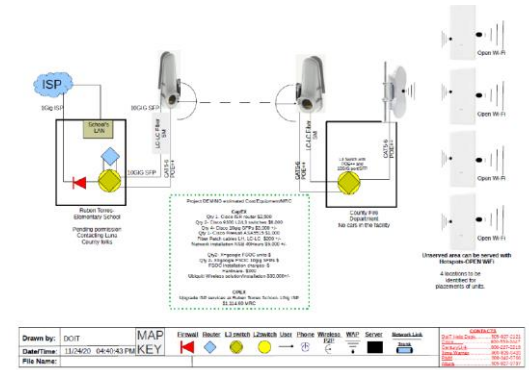


SB377: <https://nmlegis.gov/Sessions/21%20Regular/final/SB0377.pdf>

Broadband EDA Grant

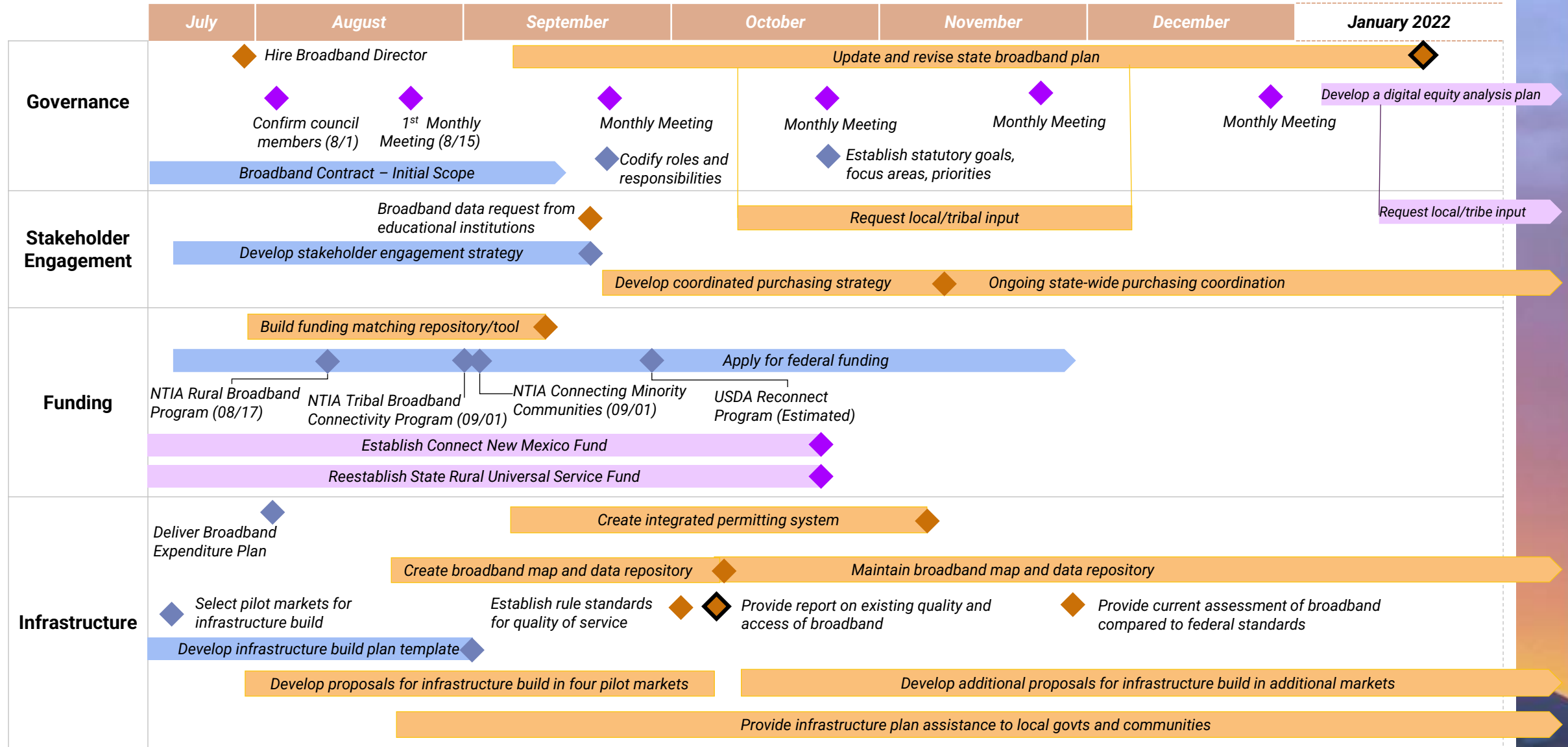
NEW MEXICO TECHNICAL ASSISTANT PROGRAM

- Economic Development Grant of \$1.5M for three years
 - Provide technical assistance to entities seeking to deploy or expand broadband infrastructure and/or services
 - Funding to support 12-15 communities or organizations for the next two years
 - Cap of \$100K for each project
 - Applications will be based on a Request for Information Instrument
 - Types of Assistance
 - Identify and engage stakeholders and non-physical assets
 - Educate community leaders
 - Assess the recipient communities' current broadband infrastructure and market
 - Evaluate current and future demand for broadband (needs assessment)
 - Prepare a high-level design and cost estimate for broadband deployment
 - Evaluate funding options and develop strategic approaches to acquire needed funding
 - Prepare Broadband Strategic Planning Guidebook



COLONIA	COUNTY	UNSERVED	UNSERVED
Lordsburg	Hidalgo	1568	338
Timberon	Otero	752	12
Columbus	Luna	581	17
Keeler Farm	Luna	545	89
Vado	Dona Ana	397	71

New Mexico Broadband Path Forward



Broadband Connectivity in the State

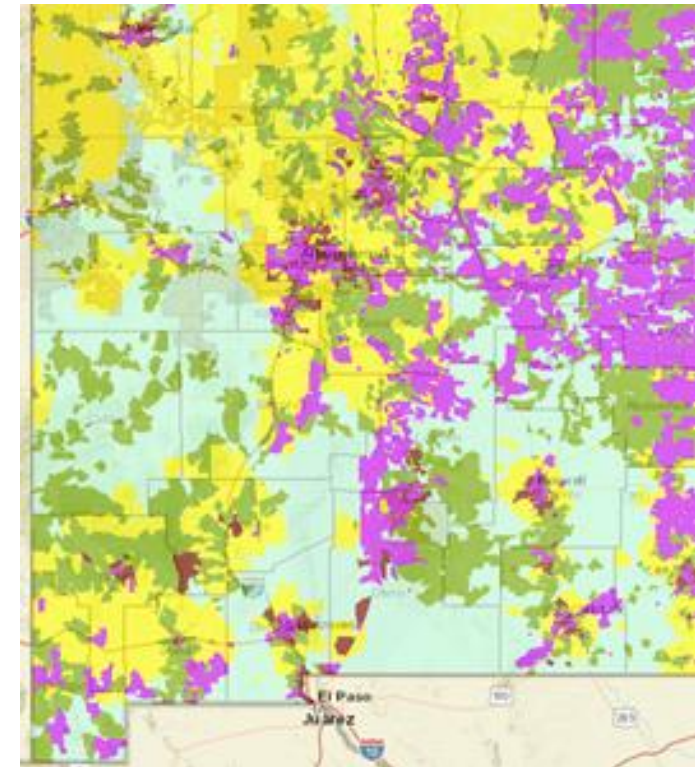
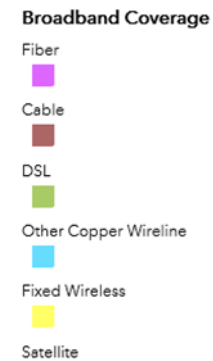
Current Condition

- Ranked 49th nationally measured to access, pricing, and average download.
- Approximately 700,000 residents are **unserved**
- Approximately 126,000 locations (business/residential) are **unserved**

Current Activities

- Broadband Budget of \$133.4M for four years
- National search for a NM Broadband Director
- Compiling names for those to serve on the **Connect New Mexico Council**
- Launching a broadband technical assistance program RFI, 3 seminars tentatively scheduled (August).
- Ongoing funded broadband projects in Sierra County, Jal/Carlsbad, Edgewood, Cochiti Pueblo, and Navajo Nation.
- Extended a mapping contract to support broadband requirements for the next two years.
- Executed a community broadband survey contract.
- Completing an RFP offering to provide grant writing, planning, and construction to support broadband projects.

New Mexico Coverage Map



New Mexico Broadband Map [NM DoIT Offices of Broadband and Geospatial Technology]

Existing State Funding and Gap

Current broadband budget can fund 17-33% of the cost and provide service to approximately 95,000 locations.

NM DoIT Statewide Broadband Strategic Plan and Rural Assessment
July 2020

Deployment Cost Estimate

\$405M to \$780M

Current Budget

\$133.46M

Funding Gap

\$272M to \$647M

- Combination of fiber and fixed wireless technology

- Recent appropriations and previous balance

- Gap Closure will require Federal Funds

Federal Broadband Grant Programs

Currently approximately \$37 Billion

General Use Broadband Funding Programs

(\$23 Billion)

- Use: Building of broadband infrastructure
- Source: USDA, US Treasury, FCC, Commerce, and NTIA

Broadband Subsidy Programs

(\$14 Billion)

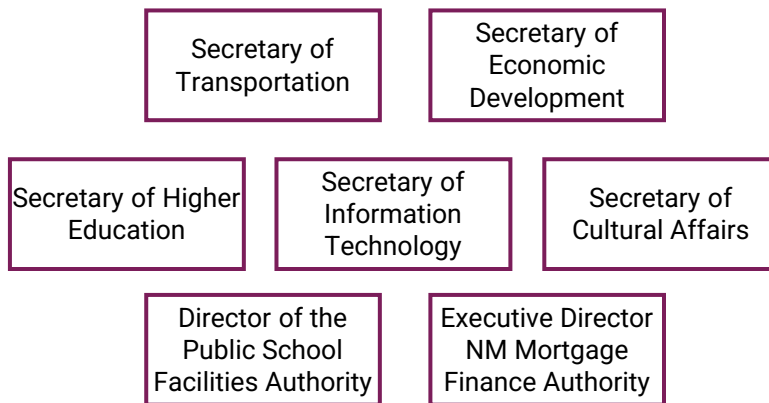
- Use: To subsidize some of the cost of broadband and includes other purposes such as education and health care.
- Source: FCC

Connect New Mexico Council

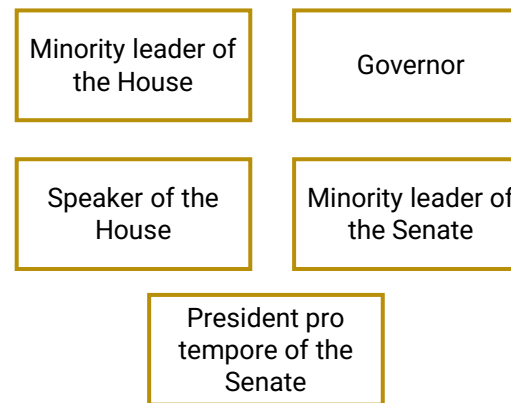
The *Connect New Mexico Council* will collaborate with the *Office of Broadband Access and Expansion*(OBAE).

The OBAE will be administered from the Governor's Office by a Director selected by the Governor.

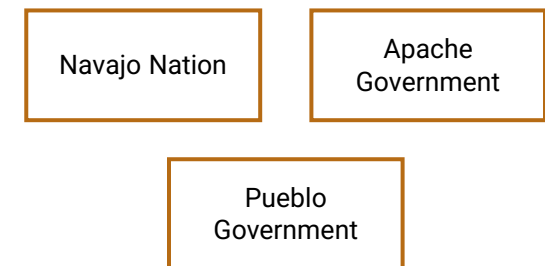
STATE AGENCY MEMBERS



LEGISLATOR AND GOVERNOR MEMBERS



TRIBAL MEMBERS



NM Broadband Advisory Committee

The *Connect New Mexico Council* will engage the expertise from the NM Broadband Advisory Committee.

Engage representatives from county, municipal, and regional organizations.



Local Government

State Government



Engage subject matter experts from state agencies.

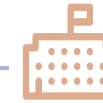
Engage representatives from the telecom industry and business organizations.



Industry

Connect New
Mexico Council

Educational



Engage representatives from early childhood, K12, Higher Education, and Career Training organizations.

Engage representatives from community organizations and non-profit foundations.



Community

Health



Engage representatives from the TeleHealth arena.

Next Steps



- Create and execute a multi-year **infrastructure implementation plan** that encapsulates the best use of available state funds, technology agnostic, and leverages emerging technologies.



- Provide **technical assistance** to all entities that include feasibility studies, planning, grant writing, network architecture, and engineering support.



- Establish a **Digital Inclusion** presence that provides digital literacy opportunities.
- Manage state grant requirements, applications, and awards to provide **improved governance**
- Manage federal grant program timelines and requirements to **ensure timely submissions**



- Establish a dedicated broadband office to improve **collaboration and integration of broadband efforts**



- Expand the **broadband mapping program**, utilize national-level data, and conduct verification with Internet Service Providers, third-party vendors, and/or citizens using crowd-sourcing data

- Empower municipalities to **take ownership of broadband construction or operation at a local level**



- Establish **legislation that outline rules, procedures, and addresses regulatory requirements** to support standardized broadband adoption.

- Establish strategies to **focus on economic development, telemedicine, and agriculture**

THANK YOU

QUESTIONS?

