Nevada Governor’s Office of Science, Innovation and Technology (OSIT)

Achieving Universal Access Through IIJA Funding
• Overview of the State Goals
• High Speed NV Phase I Recap
• BEAD NOFO Summary
• Overview of BEAD Grant Process
• Affordable Connectivity Program Update
BROADBAND VISION:

Universal Access to broadband that is
- Affordable
- Reliable
- Scalable

HOW WE GET THERE:

- Collaboration and Partnerships
- Efficient use of funds
- Long-term Investments
Use of American Rescue Plan Act Funds for Broadband
State and Local Coronavirus Fiscal Recovery Fund (SLFRF)

- $1.8 billion available for the State
  - Broadband Infrastructure is an eligible use of funds- $200m allocated by the Legislature
  - Other Priorities: Affordable Housing, Education, Healthcare, Childcare

- Broadband infrastructure must go to unserved areas

- The State will follow a competitive process to distribute funds

- Best Use of Funds—Private Government WAN
## State/Local Facilities Overview*

### Summary of State/Local Facilities

<table>
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<tr>
<th>Category</th>
<th>Entities Connected</th>
<th>Miles of Fiber</th>
<th>Total Cost</th>
<th>Federal Match</th>
<th>State Funds</th>
<th>ARPA</th>
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</table>

*OSIT estimates of build costs and funding sources
MAP OF STATE/LOCAL FACILITY LOCATIONS
PHASE II

Use of IIJA BEAD Funds for Broadband
Infrastructure Investment and Jobs Act (IIJA) - BEAD Fund

**Infrastructure**
- $42.5B in broadband formula grants to States - BEAD Fund
- $1B Middle Mile competitive grant program
- $2B for Tribal Broadband competitive grants

**Affordability and Digital Equity**
- $14.5B Affordability Connectivity Program – Subsidy to go to $30/month for non-Tribal|$75/month for Tribal - individual application
- $2.75B in broadband adoption/digital equity programs
ESTIMATED TIMELINE

2022
- NOFO¹
  - Due 5/13
  - Due 7/18

2023
- LOI
- 5-year plan
- Initial proposal

2024
- Due 270 days after planning funds received
- Due 180 days after new DATA maps and notice of fundings amounts issued

2025
- Due 365 days after initial proposal approval

2026+
- 4-year implementation
- Final proposal

Timeline approximate unless exact date specified

Source: NTIA
Infrastructure Investment and Jobs Act (IIJA)- BEAD Fund

Priority 1
• Complete Coverage of **unserved** locations (including deploying Wi-Fi to multi-family buildings)

Priority 2
• Complete coverage of **underserved** locations (where funding permits)

Priority 3
• **Community Anchor Institutions** that lack 1 Gbps symmetrical

*Unserved defined as below 25 Mbps download 3 Mbps upload

**Underserved defined as above unserved and below 100 Mbps download 20 Mbps upload
Key Definitions

**Eligible Entity**: The State of Nevada. Eligible Entity will receive BEAD grants and distribute funds to subgrantees.

**Subgrantee**: The Entity that receives grant funds from the Eligible Entity to carry out eligible activities.

**Broadband Service** - meaning it is a mass-market retail service by wire or radio that provides the capability to transmit data to and receive data from all or substantially all internet endpoints, including any capabilities that are incidental to and enable the operation of the communications service, but excluding dial-up internet access service.

Further in the NOFO – Unlicensed wireless and Satellite are outside this definition.

**Community Anchor Institution** (CAI)- a school, library, health clinic, health center, hospital or other medical provider, public safety entity, institution of higher education, public housing organization, or community support organization that facilitates greater use of broadband service by vulnerable populations, including, but not limited to, low-income individuals, unemployed individuals, children, the incarcerated, and aged individuals. **Eligible Entities may propose additional CAIs outside this definition in their territories**
Eligible Entity Obligations

I. Consider All Provider Types
II. Ensure Subgrantee Accountability
III. Local Coordination – Must show evidence of wide swath of outreach
   I. Geographic coverage (Tribal, rural, suburban, urban)
   II. Diverse stakeholders; multiple outreach mechanisms
   III. Transparency
IV. ISPs
V. Public Housing
IV. Equitable and non-discriminatory Distribution of Funds
V. Ensure fair labor practices and recruitment/retention of a highly skilled workforce
VI. Civil Rights and nondiscrimination law compliance
   I. Series of Federal Laws like the Civil Rights Act, Title IX, Americans with Disabilities Act, EEO
VII. Climate Resilience
Sub-Grantee Qualifications

I. General
   I. Compliance with Federal, State and Local Laws
   II. Financial and Managerial capacity to meet the requirements of the subgrant
      I. Public Entities may issue bonds to support match
      II. Letter of Credit to cover 25% of match
      III. Audited Financial Statements from prior fiscal year
      IV. Sustainability of project-Pro Forma Budget
   III. Technical and operational capacity to meet the requirements of the subgrant
      I. Resumes of key personnel
      II. Technical – network design, project costs, build-out timeline and milestones
         I. All certified by a Professional Engineer (PE)
      III. Existing Provider-Two years operating a broadband network; Filing of 477’s and DATA
      IV. Financials prepared by a financial institution
      V. New Entrant - Resumes including provider experience; planned subcontractors
      VI. Detailed ownership information
      VII. Other Federally funded broadband projects and track record
I. **SLA**
   I. Speed: 100Mbps/20Mbps for residential & 1G Symmetrical for CAIs
   II. Latency – 95% of tests must fall at or below 100ms round-trip time
   III. Uptime - Outages cannot exceed 48 hours over a 365-day period or 99.9945% uptime

II. **Project Deployment**
   I. 4 years
   II. Interconnect points disbursed
   III. Spare conduit or space

III. **Service Obligations**
   I. Middle Class Affordability
   II. Low-Cost Option
   III. Consumer protections
   IV. No data caps
   V. Universal Service
   VI. Non-discriminatory interconnection

IV. **Cybersecurity and Supply Chain Risk Management**
   I. National Institute of Standards and Technology (NIST) Cybersecurity recommendations
   II. NIST Supply Chain Risk Management Guidance
State Role

1. Engage communities throughout the state

2. Build local capacity and provide tools

3. Define a State grant plan with objective priorities, specifically identified projects, and an awards process, based on federal rules

4. Seek federal approval for local projects

5. Distribute funds and assist with project implementation
County Broadband Action Team Role

1. **Identify Needs:** Identify community needs for broadband infrastructure and affordability programming with an eye towards Universal Access

2. **Prioritize:** Create a list of priorities based on the needs identified

3. **Identify Provider Partner:** Solicit partnerships to meet priorities from service providers in a fair, open, competitive, neutral manner

4. **Jointly Respond to OSIT’s BEAD RFP:** Develop infrastructure and digital equity proposals together with service provider partner(s) that align to the State Connectivity Strategy and the federal funding requirements
• Eligible Applicants:
  ▪ A “Covered Partnership” defined as a local government/private provider partnership.
  ▪ Local Government could submit multiple applications with multiple different provider partners

• Local Government Takes Lead and Defines Priority Areas, Selects Service Provider Partner, Submits Application to OSIT
  • 25% match required
Service Provider Selection

• Goals-USAA
  • Universal Service
  • Scalability
  • Affordability
  • Accountability

• Fair and equitable process - CERQ
  • Consistent questions and deadlines
  • Equal access to data for all providers
  • Response deadline consistency
  • Quantitative and Qualitative selection process
    • Service level agreement (Quantitative)
    • Affordability (Quantitative)
    • History and quality of work in the area (Qualitative)
    • Cultural fit (Qualitative)
Key Questions

- Is the network scalable?
- Is the construction flow logical and sequenced correctly?
- Business model: will revenues sustain operation?
- How will marketing be done?
Lovelock, NV
Phase I Facilities Map
LOVELOCK, NV
Phase II Broadband Serviceable Locations
Data Collection

• An accurate depiction of NV’s unserved locations
  • Formula NV Unserved/Total US Unserved x $35B
• FCC data collection effort begins on 6/30/22 and closes on 9/1/22
• FCC assistance website
  • Broadband data collection assistance center
  • https://help.bdc.fcc.gov/hc/en-us
Needs for Digital Equity
Affordable Connectivity Program

- **Benefit:**
  - Up to $30/month discount for broadband service and associated equipment rentals;
  - Up to $75/month discount for households on Tribal Lands;
  - A one-time discount for $100 for a laptop, desktop, or tablet purchased through a participating provider
Affordable Connectivity Program - Eligibility Website Widget

Email: ACPProgram@usac.org with the subject line “ACP Widget.”
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Director- OSIT
blmitchell@gov.nv.gov