

# BEAD UPDATE

Joint Interim Standing Committee on Growth and Infrastructure

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Brian Mitchell- Director

Office of Science, Innovation and Technology

# THE NEED FOR BROADBAND INFRASTRUCTURE

Underserved and Unserved  
residential/business locations\*

\*Pre-challenge  
Draft- Not for Distribution

## BROADBAND VISION:

Universal Access to broadband  
that is:

- ☐ Affordable
- ☐ Reliable
- ☐ Scalable

Strategies:

- ☐ Collaboration and Partnerships
- ☐ Efficient weaving of funds
- ☐ Long-term Investments

### **Phase I**

- Fiber to Government Facilities and Community Anchor Institutions (CAIs)
- Affordable Connectivity Program (ACP) Train the Trainer
- ACP Enrollment Outreach and Events
- Workforce Development Plan

### **Phase II**

- Construct the Nevada Middle Mile Network
- Connect Nevada's Low-Income Communities
- Tribal Connectivity
- Digital Equity Asset Mapping and Partner Development
- Development of a Device Access Program
- Begin Workforce Development

### **Phase III**

- Deployment of Last-Mile Infrastructure
- Launch Digital Equity State Capacity Grant Program

# BROADBAND FUNDING SOURCES



# Digital Equity Act Planning Program

## **Statewide Digital Equity Plan - \$754,459**

- Community Outreach and Engagement
- Data Collection and Analysis

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## **State Capacity Grant Program**

- Funding decisions must be based on the Statewide Digital Equity Plan
  - Invest in Building Capacity of Local Programs
  - Potential Examples: Libraries, Senior Centers, Community Centers, Non-Profits, Digital Navigators, etc.
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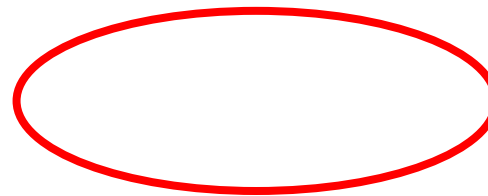
# DIGITAL EQUITY

**What:** Affordability, Device, Digital Literacy

**Funding:**

- ❑ \$18-20 million formula
- ❑ \$1.25 billion nationwide competitive grants

**Award Timeline:** Spring 2024 after submission of  
Statewide Digital Equity Plan



# STAKEHOLDER ENGAGEMENT



# **DIGITAL EQUITY – 8 COVERED POPULATIONS**

# DIGITAL EQUITY PLAN SUMMARY AND FINDINGS

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**Infrastructure Deployment**

**Adoption**

**Affordability**

**Device Access**

**Digital Literacy**

**Awareness and Sustainability**

# DIGITAL EQUITY PLAN STRATEGIES AND KEY ACTIVITIES

## Infrastructure Deployment

**Adoption**

**Affordability**

## Device Access

## Digital Literacy

## Awareness and Sustainability

- Grow and nurture partnerships with State and local governments, non-profit organizations, public schools and higher education, libraries, workforce, and other community organizations to build awareness for the Affordable Connectivity Program (ACP).
- Provide training to local governments, case workers, social service agencies, and other community-based organizations that work with and provide services to ACP-eligible households to also offer ACP enrollment assistance.
- Partner with key stakeholders, including with counties and municipalities, internet service providers, and engagements with community-based organizations, faith-based organizations, schools, and libraries, in zip codes with low ACP enrollment rates to increase enrollment in ACP by hosting ACP enrollment events.
- OSIT will deploy a cadre of digital navigators throughout the state will travel to different communities to build key stakeholder capacity to offer ACP enrollment assistance as well as offer personalized in-person enrollment assistance.

# **DIGITAL EQUITY PLAN STRATEGIES AND KEY ACTIVITIES**

**Infrastructure Deployment**

**Adoption**

**Affordability**

**Device Access**

**Digital Literacy**

**Awareness and Sustainability**

- Strategically deploy middle mile infrastructure to high-cost regions of Nevada to reduce last-mile operating costs and improve retail affordability.
- Develop and administer a BEAD grant deployment program that will effectively and efficiently bring affordable, reliable, and scalable high-speed internet access to every unserved and underserved residential and business location in Nevada.
- Prioritize affordability when making infrastructure funding decisions.

# DIGITAL EQUITY PLAN STRATEGIES AND KEY ACTIVITIES

## Infrastructure Deployment

## Adoption

## Affordability

## Device Access

## Digital Literacy

## Awareness and Sustainability

- Create a sustainable device ecosystem that identifies a technology supply chain and manages the procurement, refurbishment, configuration, outreach, distribution, and technical support of devices for low-income Nevadans.
- Explore public-private partnerships in the creation of the sustainable device ecosystem.
- Develop a strategy and partnerships to provide on-demand device technical support where Nevadans are. Include consideration for multilingual tech support in the development of the strategy.
- Partner with internet service providers to develop a plan to expand participation in and the reach of the ACP's device benefit.

# DIGITAL EQUITY PLAN STRATEGIES AND KEY ACTIVITIES

## Infrastructure Deployment

## Adoption

## Affordability

## Device Access

## Digital Literacy

## Awareness and Sustainability

- Collaborate with national organizations and experienced local organizations to research and identify how, where, and when to best offer opportunities for Nevadans to learn digital skills, whether formal classes in a CAI or in more informal environments. Draft statewide policies and fund necessary curriculum, professional development, and staff to offer training. Identify and build the capacity of local community-based organizations, such as community centers, senior centers, libraries, non-profit organizations, public schools and higher education institutions and others to offer digital skills training to covered populations.
- Provide technical assistance to internet service providers wishing to fund their own digital skills training programs as a part of their subscriber promotion programs.
- Fund roaming digital navigators who will facilitate training sessions in partnership with community organizations that lack the capacity to offer digital skills trainings themselves.
- Fund digital literacy classes and on-demand tech support.

# DIGITAL EQUITY PLAN STRATEGIES AND KEY ACTIVITIES

## Infrastructure Deployment

## Adoption

## Affordability

## Device Access

## Digital Literacy

## Awareness and Sustainability

- Create a public Digital Equity Dashboard that tracks needs, needs met, and the organization meeting the need.
- Create a digital equity investment map to accompany digital equity needs map.
- Partner with an external evaluator to evaluate the success of funded programs and efforts.
- Create a What Works in Digital Equity guide for government and non-government funders. Use data from the Digital Equity Dashboard and the external evaluation to inform the creation of the guide.
- Fund the telling of celebratory digital equity success stories.



## **PHASE III - BEAD**

# Infrastructure Investment and Jobs Act (IIJA)

## Infrastructure

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

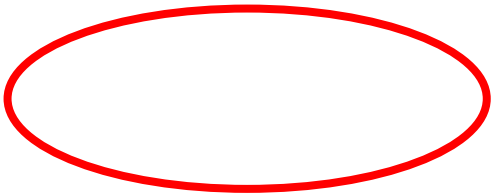
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## Affordability and Digital Equity

- \$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
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# NTIA BEAD PROGRAM

<b>Amount:</b>	\$42.5 Billion (nationwide)
<b>Type:</b>	Formula Allocation
<b>Allocation Date:</b>	06/30/2023
<b>Expenditure Deadline:</b>	12/31/2026
<b>Expenditure Timeline:</b>	Early 2024-2026
<b>Purpose:</b>	Last-mile infrastructure to unserved locations
<b>Funding Amount:</b>	\$416,000,000
<b>Allocation Formula:</b>	Based on FCC Map
<b>Required Match:</b>	25%



# INITIAL PROPOSAL CONTENTS

1. Outline long-term objectives for deployment and closing digital divide
2. Outline support to local planning and local/Tribal coordination
3. Identify existing efforts and funding sources
4. Certify coordination and describe how coordination affected plan and describe future coordination
5. Identify unserved locations using FCC map
6. Describe how Community Anchor Institutions were defined
7. Detailed plan for a challenge process
8. Identify last-mile deployment plan/competitive award plan
9. Explain how state will conduct non-deployment activities
10. Describe any initiatives state will implement without making a grant
11. How the State will ensure strong labor standards and protections
12. How the State will ensure diverse, highly skilled workforce
13. Describe how minority, women-owned and labor surplus firms will be recruited
14. Describe how State will reduce costs and lower barriers by utilizing existing infrastructure, dig-once, permitting, etc.
15. Climate assessment
16. Intended use of 20%
17. Whether State will waive municipal broadband statutes
18. Certification of compliance with requirements
19. Certification and accountability

# STAKEHOLDER ENGAGEMENT

# SELECTED REQUIREMENTS OF RECIPIENTS

# INITIAL PROPOSAL VOLUME I AND II

# INITIAL PROPOSAL VOLUME I AND II



# TIMELINE

**Brian Mitchell**  
**Director- OSIT**  
**blmitchell@gov.nv.gov**