

**Tribal Broadband  
Connectivity Grant Program**

**Hawaiian Homes Commission Meeting  
August 10, 2021**



EXHIBIT B

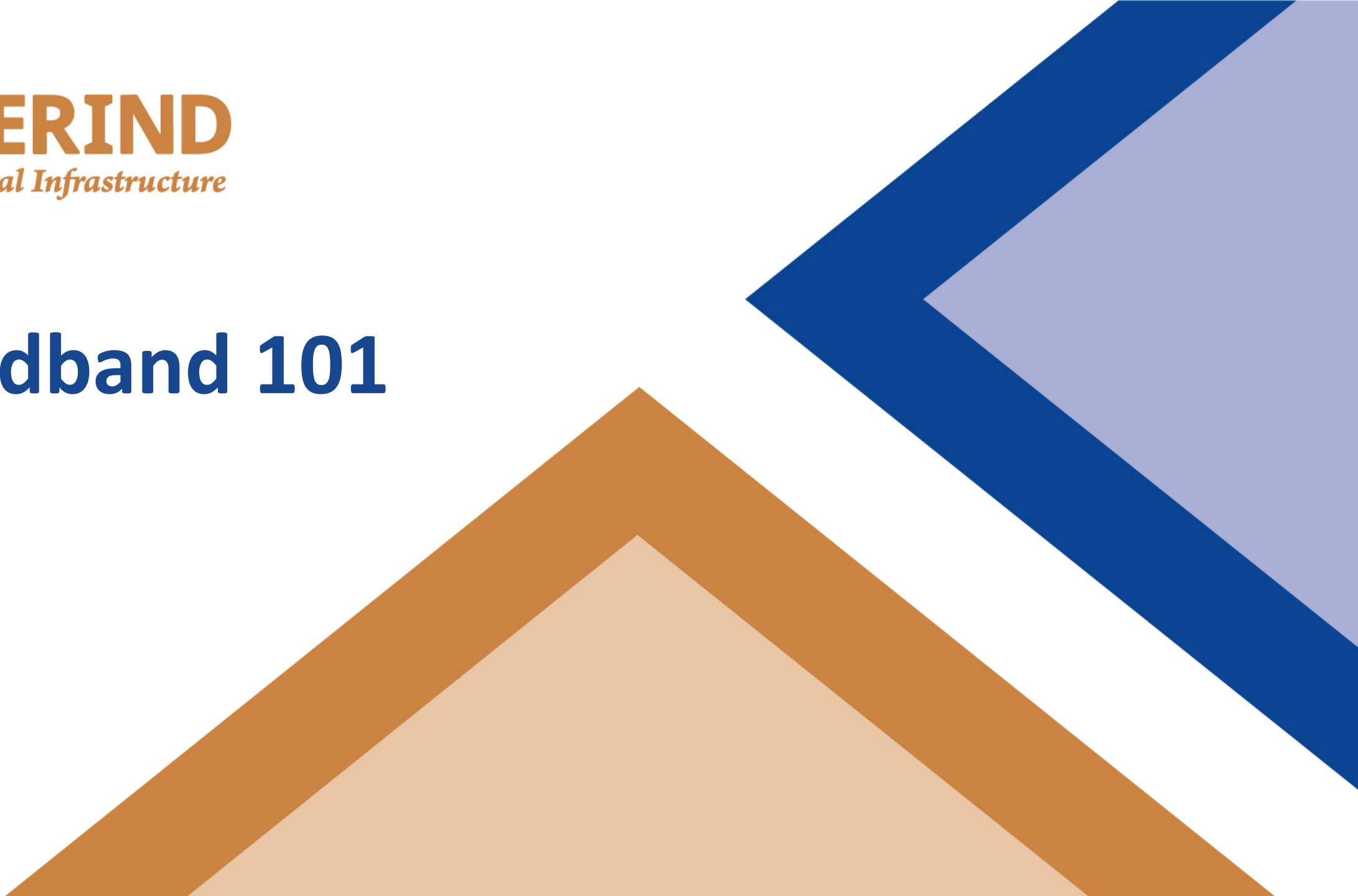


## Agenda:

- **Introductions**
- **Broadband 101**
- **Tribal Broadband Connectivity Grant Program**
- **Questions**



# Broadband 101



# Broadband 101 – Key Concepts

**Networks** are a powerful tool to serve Native Hawaiian Communities and support development, education, healthcare, and/or public safety – and potentially provide revenue as an internet service provider

- **Last mile** connectivity brings Internet service, or broadband, to a home or business
- **Middle mile** connectivity brings broadband from an internet backbone to a connection point in a city or town
- **Backhaul or transport** is the side of the network that connects to the global internet
- **Broadband technologies** include fiber, cable, wireless, fixed wireless, and satellite

# Broadband 101 – Networks Example



# Broadband 101 – Building or Enhancing Wireless Infrastructure

## Methods of Connecting Organizations for Services:

### Point to Point with Backhaul link

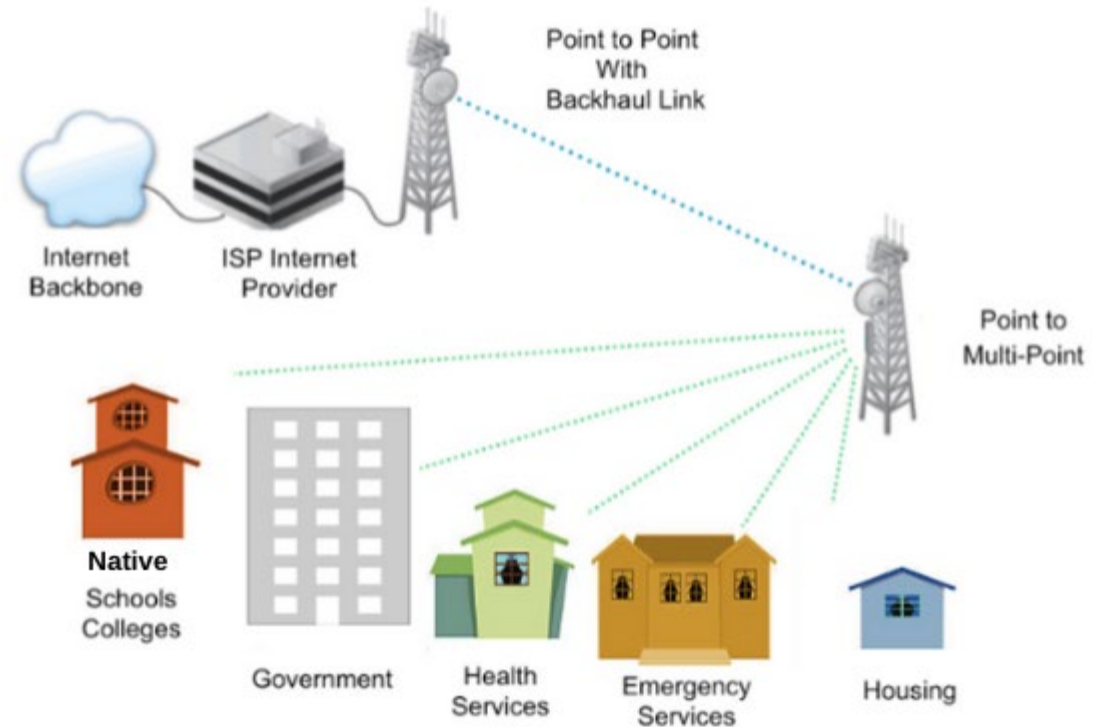
- ISP Internet Service Provider
- Internet Backbone

### Point to Multi-Point

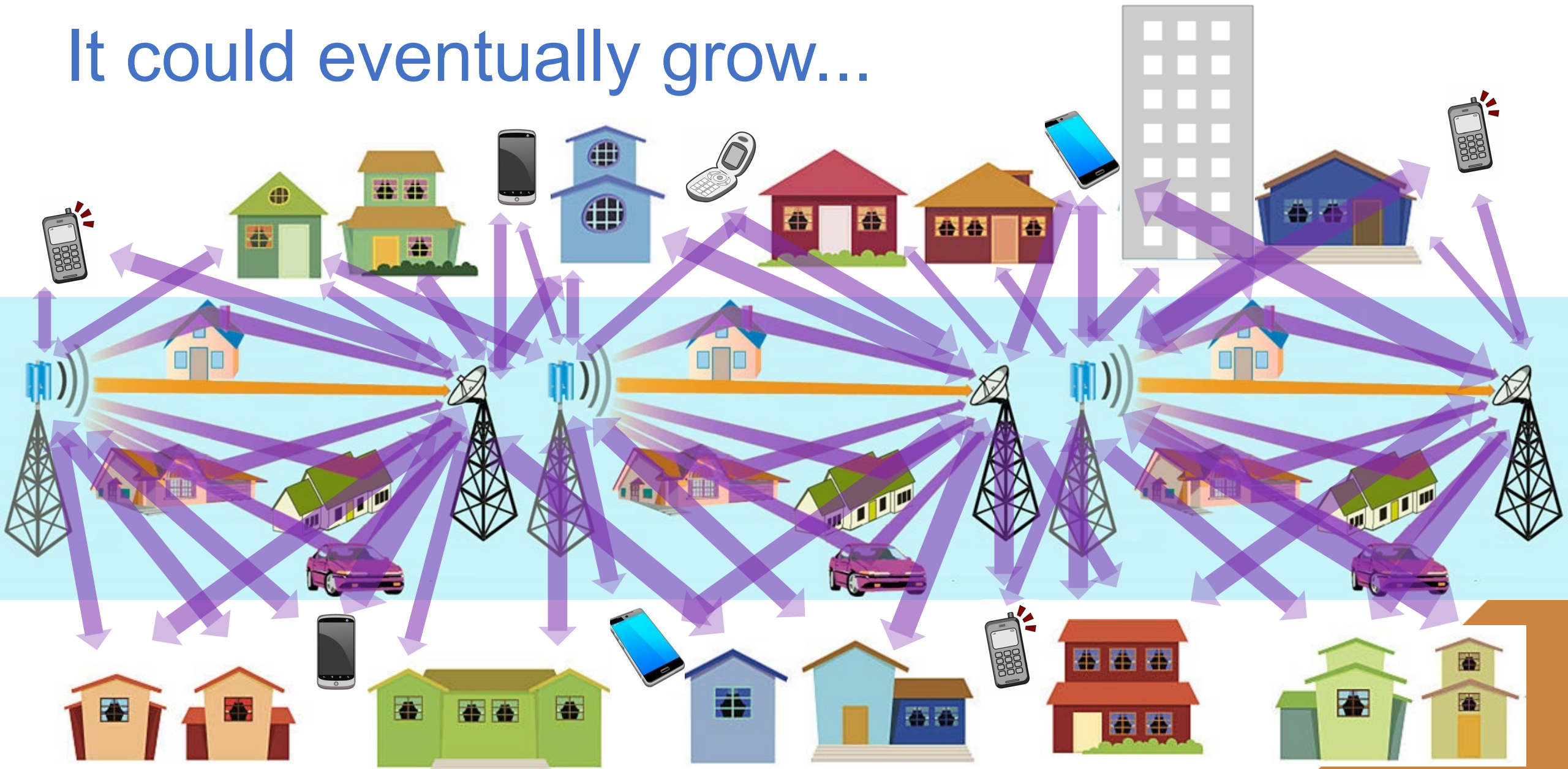
- Network Base Connecting
- Schools, Colleges
- Government
- Health Services
- Emergency Services
- Housing
- Gyms, Community Centers

### Leasing of Spectrum

- Monies earned by leasing Spectrum



It could eventually grow...



# **Tribal Broadband Connectivity Grant Program**



# Tribal Broadband Connectivity Grant Program - Introduction

- Created as part of the Consolidated Appropriations Act of 2021
- Administered by the National Telecommunications and Information Administration (“NTIA”), part of the U.S. Department of Commerce
- NTIA released a Notice of Funding Opportunity (“NOFO”) on June 3, 2021
- ***Application deadline is September 1, 2021***

# Tribal Broadband Connectivity Grant Program - Purpose

- To improve quality of life
- Spur economic development and commercial activity
- Create opportunities for remote employment and online entrepreneurship, remote learning and telehealth
- All by expanding broadband access and providing digital training and inclusion programs to Native American and Native Hawaiian communities

# Tribal Broadband Connectivity Grant Program – Eligibility

- A Tribal government
- A Tribal college or university
- ***The Department of Hawaiian Home Lands on behalf of the Native Hawaiian Community, including Native Hawaiian education programs***
- A Tribal organization
- An Alaska Native Corporation

# Tribal Broadband Connectivity Grant Program – Funding

- Up to \$980 million
- ***Not less than 3% of the funds, or not less than \$30 million, is set aside for the benefit of Native Hawaiians***
- Funding ranges by type of project
  - Broadband Infrastructure Deployment projects: \$1 M to \$50 M
  - Broadband Adoption and Use projects: \$50,000 to \$2.5 M
- Time frame to complete projects
  - One year, with extensions possible for Broadband Infrastructure Deployment projects

# Tribal Broadband Connectivity Grant Program – Broadband Infrastructure Deployment

- Deployment of broadband infrastructure on Tribal Lands
- Includes the construction of middle mile or last mile networks, as well as interconnection
- Projects may propose the deployment of new infrastructure, replacement of antiquated and outdated infrastructure, or the upgrading or extension of existing infrastructure
  - For example, projects that utilize 2.5 GHz licenses obtained through the Federal Communications Commission’s (“FCC) Tribal Priority Window, are eligible
  - DHHL obtained and holds five (5) 2.5 GHz licenses over the Hawaiian Home Lands
- Broadband infrastructure may include cable, fiber, wireless, fixed wireless, and satellite
- Must prioritize currently unserved households
- Projects should promote such things as economic development and the creation of new jobs; expand education, telehealth, public safety, and telework access; and support smart technologies
- Focus on sustainability for the long-term

# Tribal Broadband Connectivity Grant Program – Broadband Use and Adoption

- Provide broadband education, awareness, training , access, equipment and support
- Provide affordable broadband programs, including free or reduced-cost broadband service
- Improve access to, and use of, broadband services by anchor institutions to deliver telehealth, remote learning, digital inclusion, and workforce development programs
- Stimulate adoption and use of broadband services for telehealth, remote learning, telework and entrepreneurship, economic growth, and job creation
- Build digital skills and workforce capacity
- Assess community needs and conduct planning related to online education, telehealth, digital inclusion, workforce and digital skills development
- Gather data and conduct evaluation of digital inclusion and broadband adoption programs funded by the NTIA grant to determine their effectiveness and develop best practices to facilitate digital inclusion and broadband adoption
- ***All for the benefit of Native American/Alaska Native/Native Hawaiian Communities on Tribal Lands***

# Questions?

**We would be happy to address any questions the Chair or the Commissioners may have**

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