



THE STATE  
*of* **ALASKA**  
GOVERNOR MIKE DUNLEAVY

DEPARTMENT OF COMMERCE, COMMUNITY AND ECONOMIC DEVELOPMENT

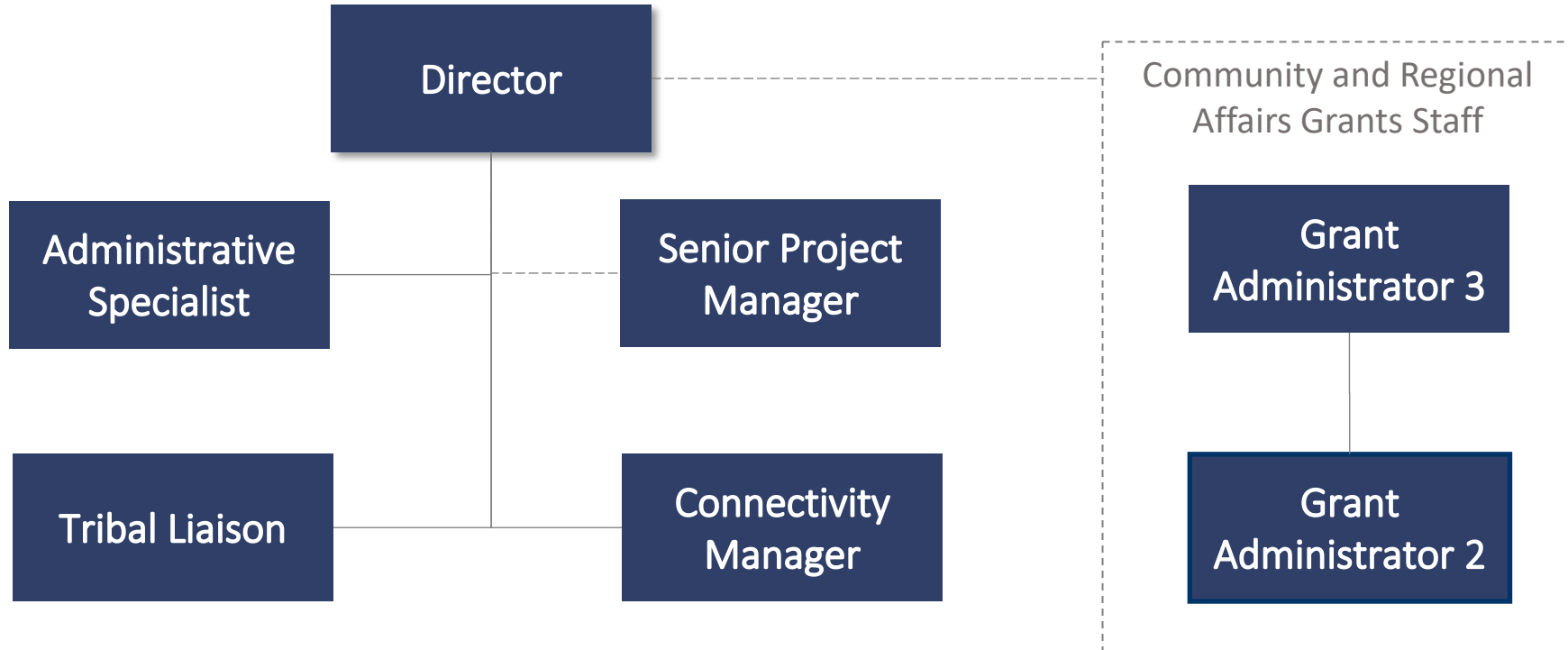
# ALASKA BROADBAND OFFICE UPDATE

Thomas Lochner  
Director

House Labor & Commerce Committee  
February 15, 2023



# Alaska Broadband Office – Organization Chart





# Broadband Advisory Board

Name	Appointed	Expires
Alaska Native Corporation: <b>Anastasia Hoffman</b> (Bethel)	01/23/2023	01/23/2026
Broadband Consumer: <b>Kathleen Moran</b> (Anchorage)	01/23/2023	01/23/2026
Broadband Industry: <b>Christine O'Connor</b> (Wasilla)	01/23/2023	01/23/2026
Business Community: <b>Tara Sweeney</b> (Girdwood)	01/23/2023	01/23/2026
Commissioner of Commerce, Community, and Economic Development or Designee: <b>Thomas Lochner</b> (Anchorage)	01/23/2023	01/23/2026
Commissioner of Education & Early Development or Designee: <b>Laurel Shoop</b> (Juneau)	01/23/2023	
Health Care Community: <b>Archibald Ferguson</b> (Anchorage)	01/23/2023	01/23/2026
Local Government Representative: <b>Glenda Ledford</b> (Wasilla)	01/23/2023	01/23/2026
Representative for Rural Energy Systems: <b>Travis Million</b> (Copper Center)	01/23/2023	01/23/2026
School District: <b>Steve Noonkesser</b> (Dillingham)	01/23/2023	01/23/2026
Technology Neutral Consultant: <b>Charles Carpenter</b> (Anchorage)	01/23/2023	01/23/2026
Tribal Government: <b>Charlene Stern</b> (Fairbanks)	01/23/2023	01/23/2026
University of Alaska: <b>Michael Brase</b> (Fairbanks)	01/23/2023	01/23/2026
Ex Officio/House Speaker Appointee/nonvoting: <b>Vacant</b>		
Ex Officio/Senate President Appointee/nonvoting: <b>Vacant</b>		



# Infrastructure Investment and Jobs Act

## NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION (NTIA) PROGRAMS

Digital Equity (DE):  
\$640,000,000

Broadband Equity, Access and  
Deployment (BEAD):  
\$42,000,000,000



# Infrastructure Investment and Jobs Act – So Far

## NTIA PLANNING GRANT AWARDS TO ALASKA

DE Planning Grant: \$567,800

Develop the DE Plan  
due September 30, 2023

BEAD Planning Grant:  
\$5,000,000

Develop the BEAD Program



# Digital Equity – Digital Inclusion – Digital Literacy

## COVERED POPULATIONS

- Households at/or below 150% of the Poverty Level
- Aging Individuals
- Incarcerated Individuals
- Veterans
- Individuals with Disabilities
- Individuals with a Language Barrier
- Individuals who are Members of a Racial or Ethnic Minority
- Individuals who Reside in Rural Areas

## FUNDING

- Planning Grants: \$60 Million – Alaska Awarded \$567,800
- Capacity Grants: \$240 Million – Alaska's Award: TBD
- Competitive Grants: \$1.25 Billion – Alaska's Award: TBD



# Broadband Equity, Access and Deployment

## ALLOCATED \$42 BILLION FOR ALL STATES AND TERRITORIES

- \$100 Million Minimum Allocation per state
- High-Cost Allocation (10% of \$42B) = High-Cost in Alaska / High-Cost total for US
- Remaining Funds = Unserved in Alaska / Unserved total US

## DISBURSEMENTS OF ALASKA'S ALLOCATION

Grants will be based on percentage of locations that are:

- Unserved - less than 25Mbps/3Mbps
- Underserved - less than 100Mbps/20Mbps and
- Unserved Community Anchor Institutions - less than 1Gbps/1Gbps



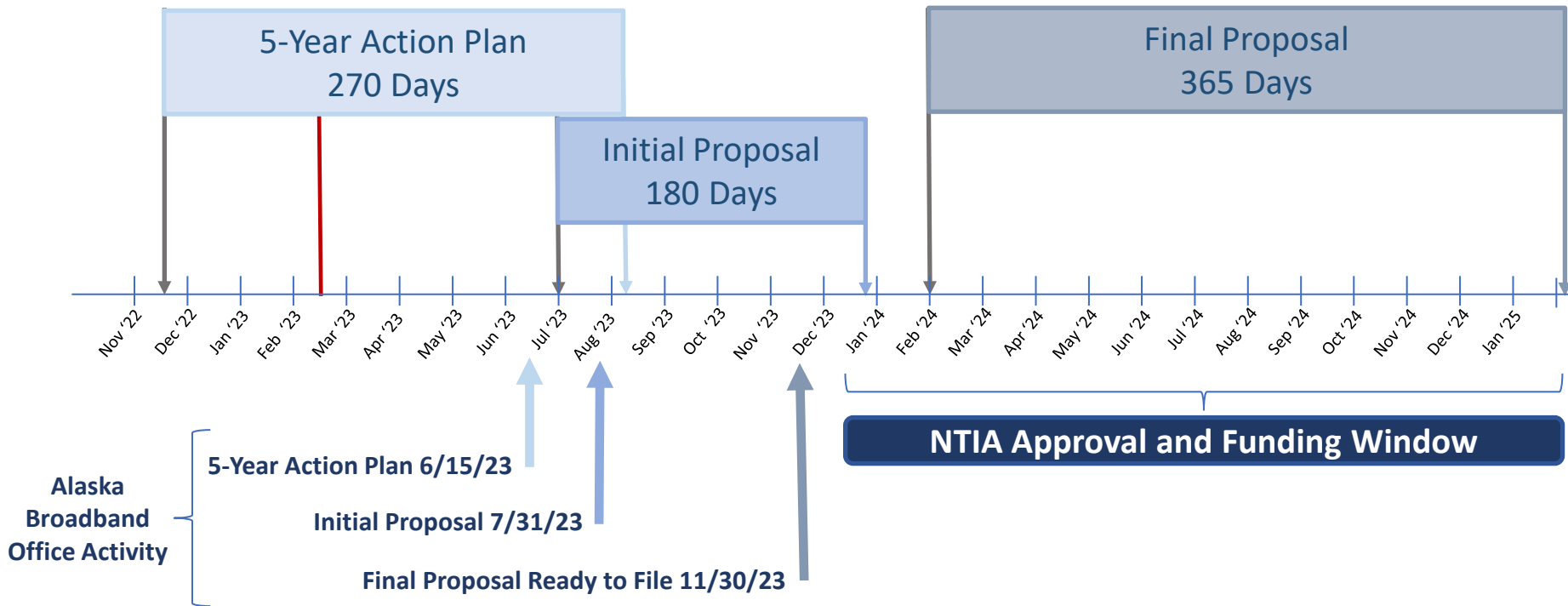
# NTIA Milestone Dates & ABO Timeline

Planning Grant Award

NTIA Funding Allocations

Final Proposal Start (Estimated)

Final Proposal Due







# Required Broadband Service Level for BEAD Funding

## Unserved:

- 25 Mbps Download Bandwidth (Watching a video)
- 3 Mbps Upload Bandwidth (Posting a picture)

## Underserved:

- 25 Mbps Download Bandwidth, but cannot reach 100 Mbps
- 3 Mbps Upload Bandwidth, but cannot reach 20 Mbps

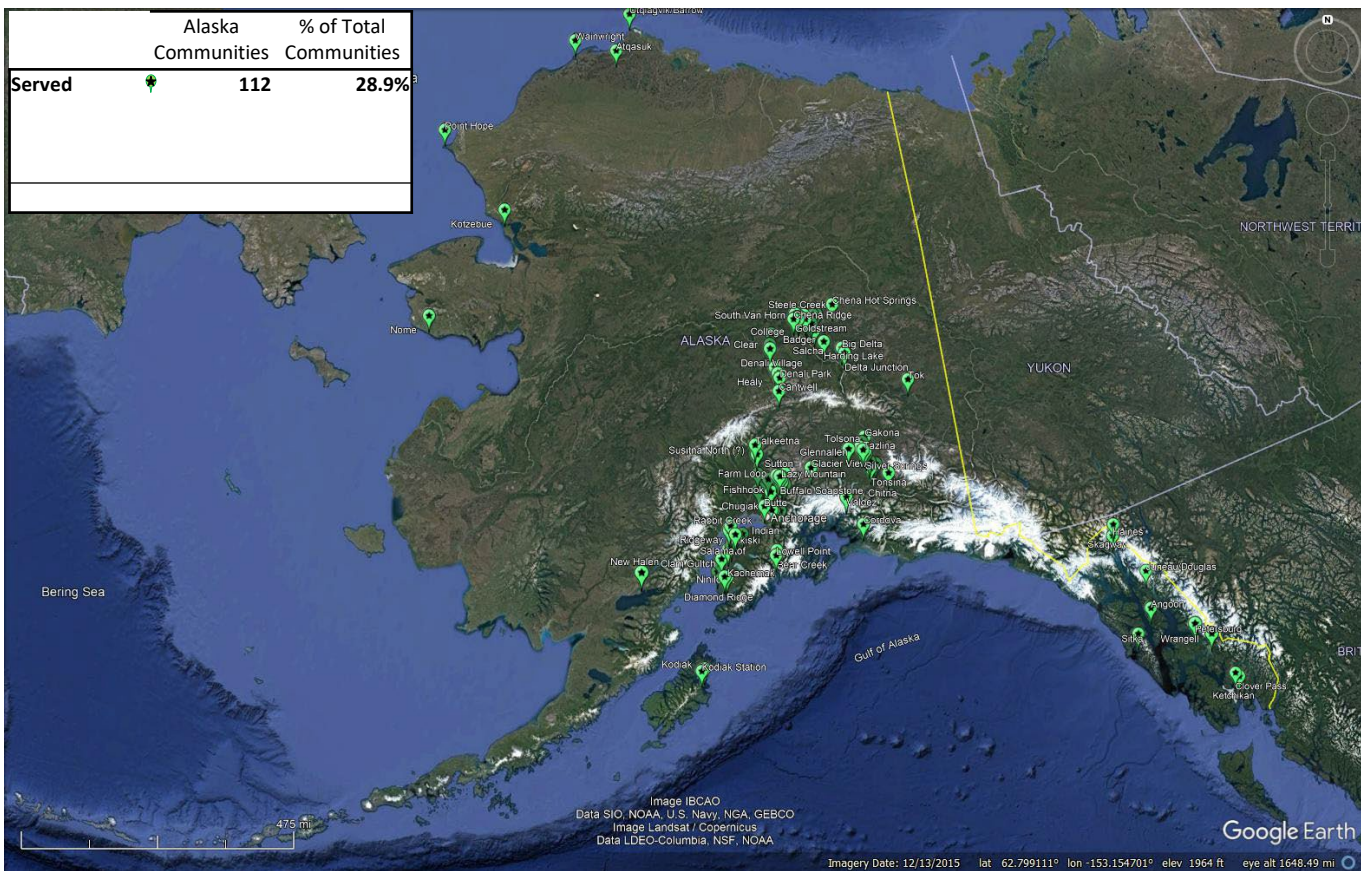
## Served:

- 100 Mbps Download Bandwidth
- 20 Mbps Upload Bandwidth



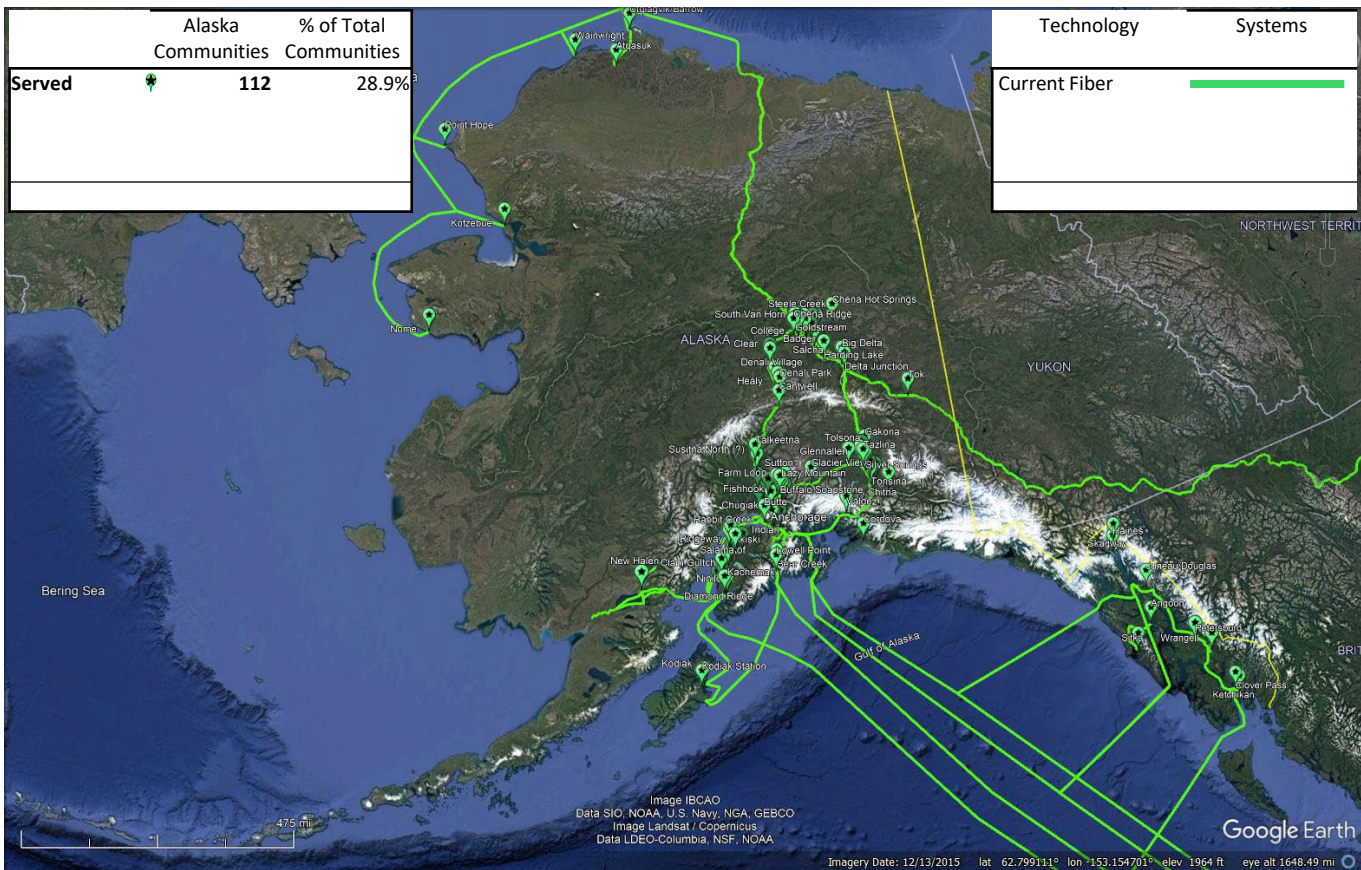
# Evaluation of Current Status of Broadband

	Alaska Communities	% of Total Communities
Served	112	28.9%





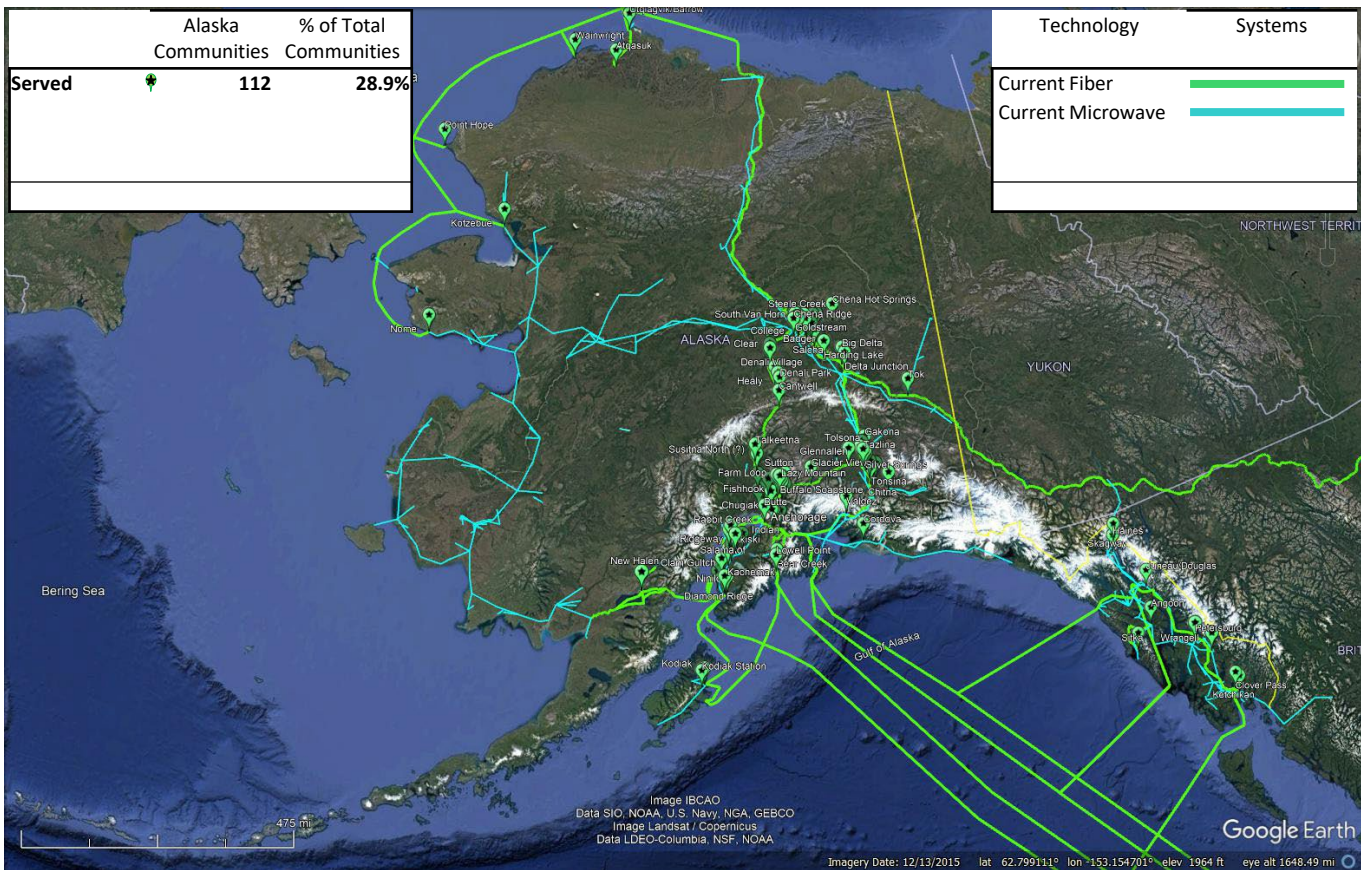
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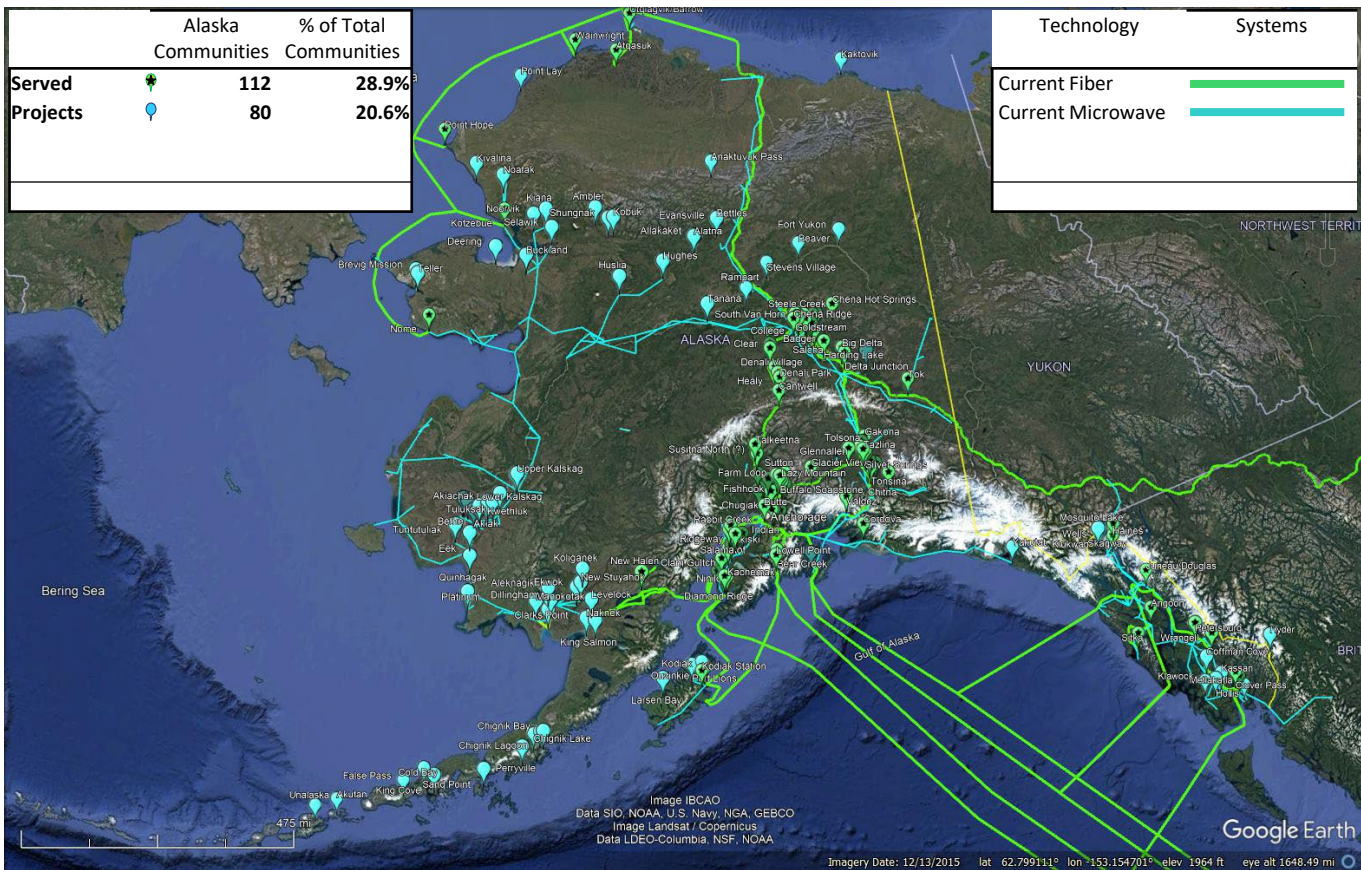


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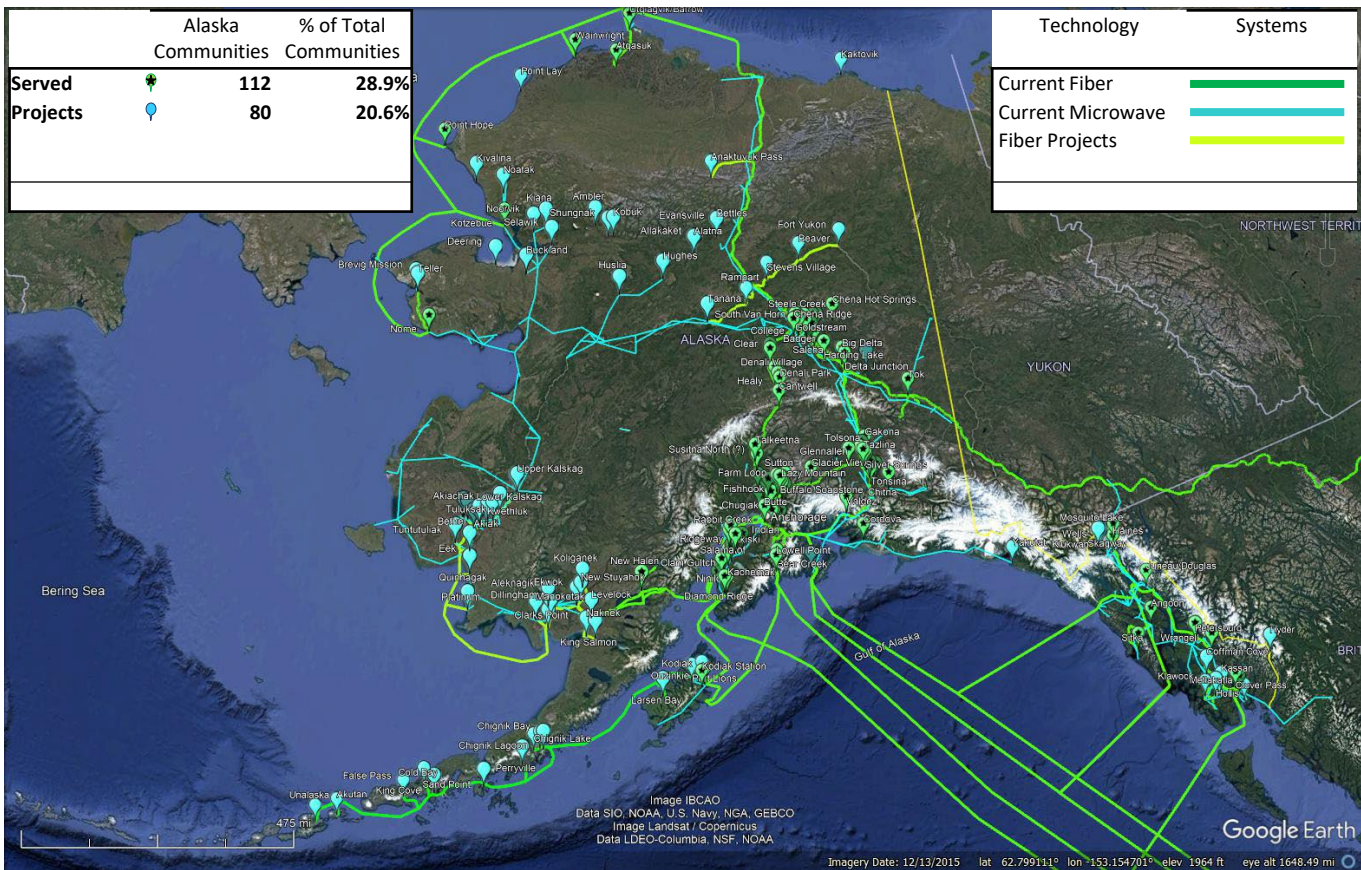
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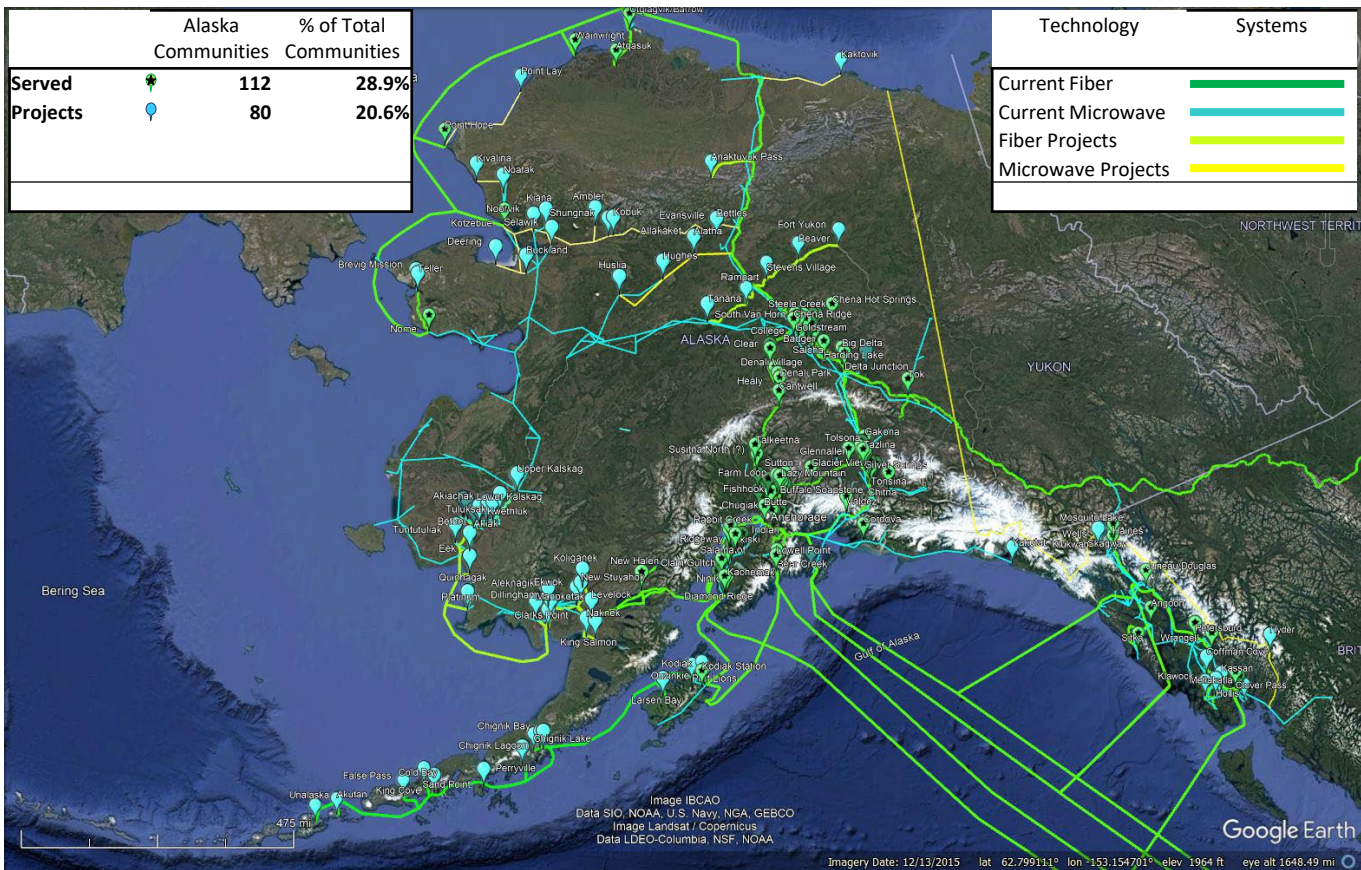


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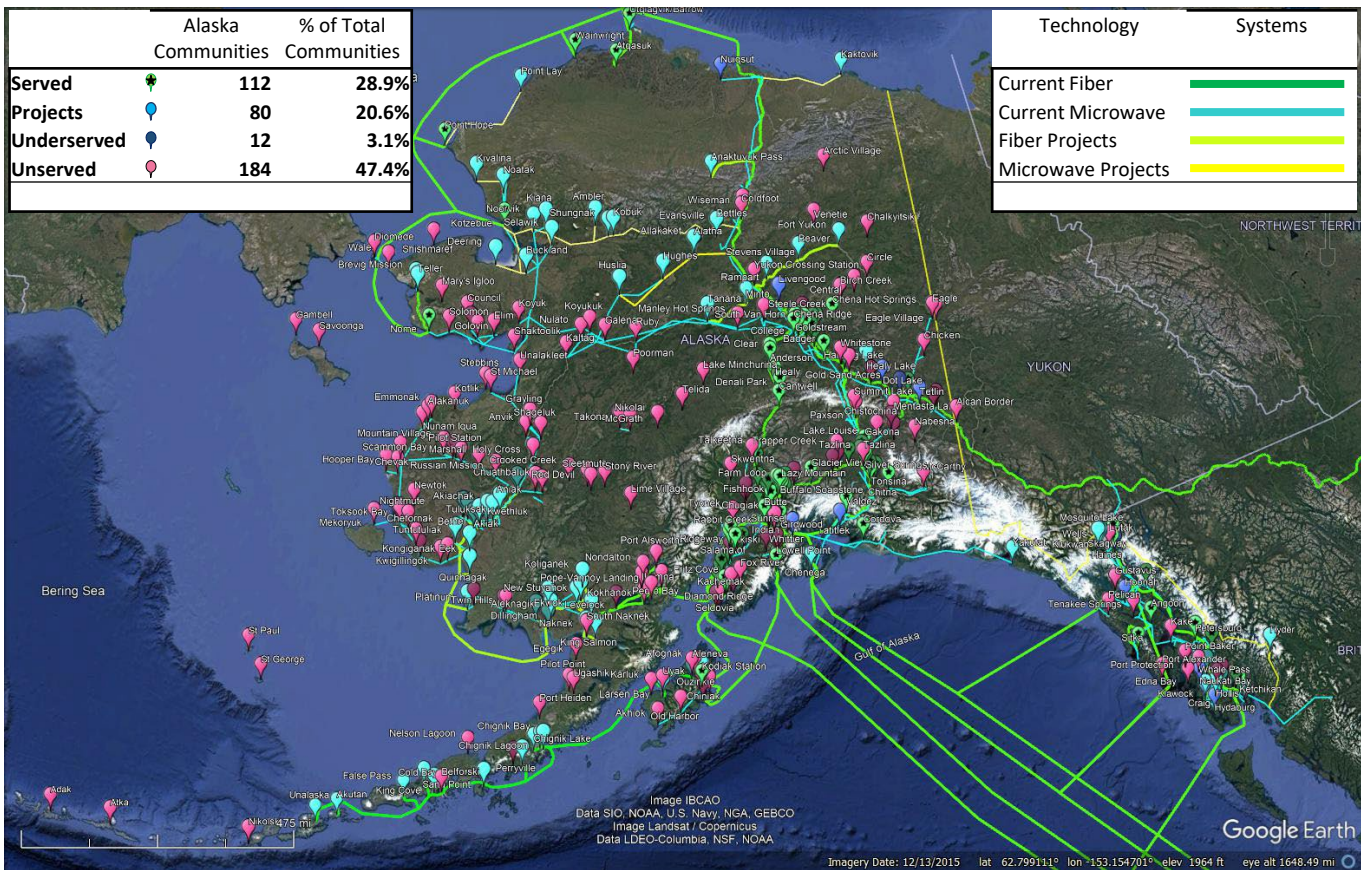
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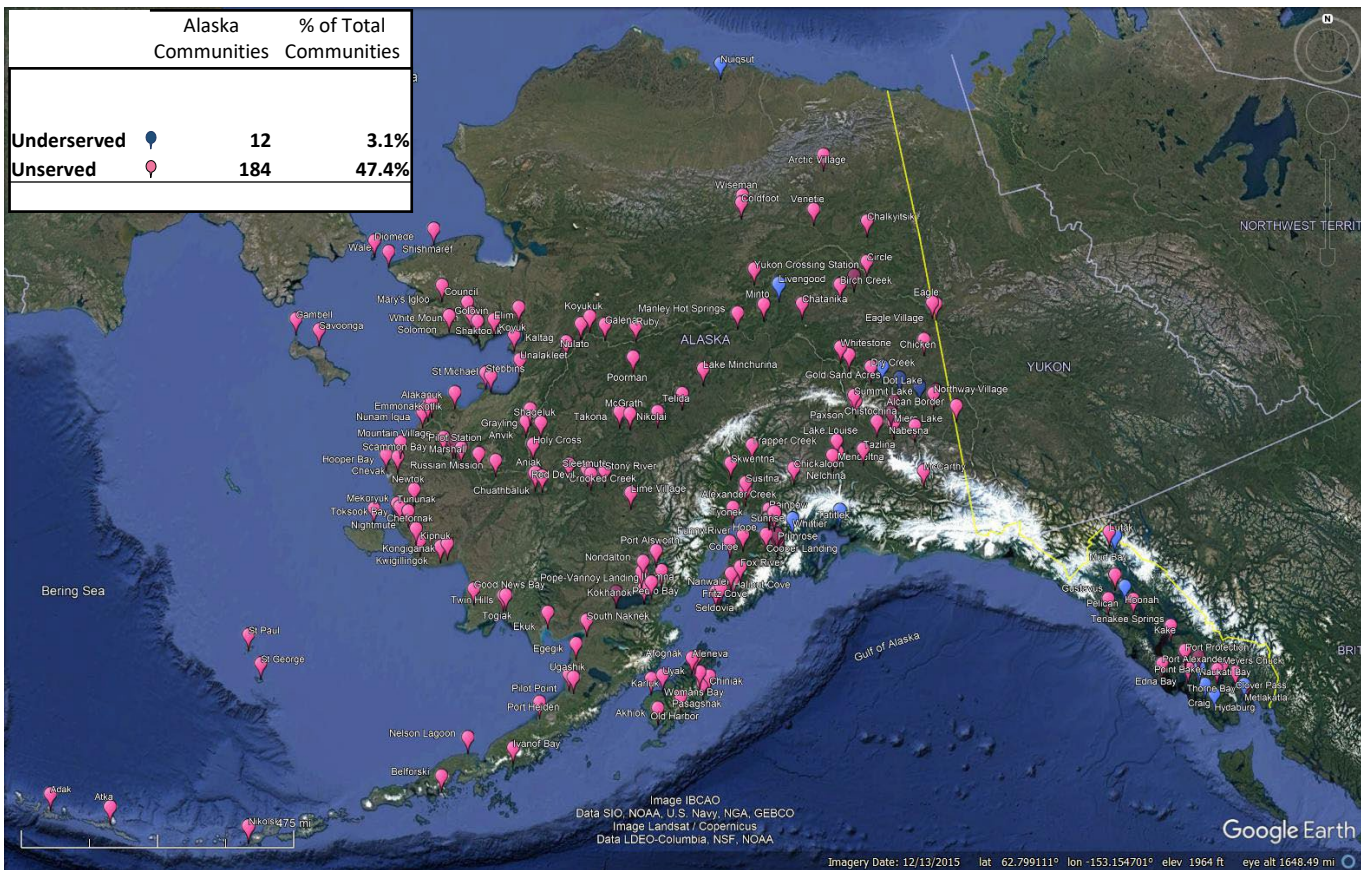
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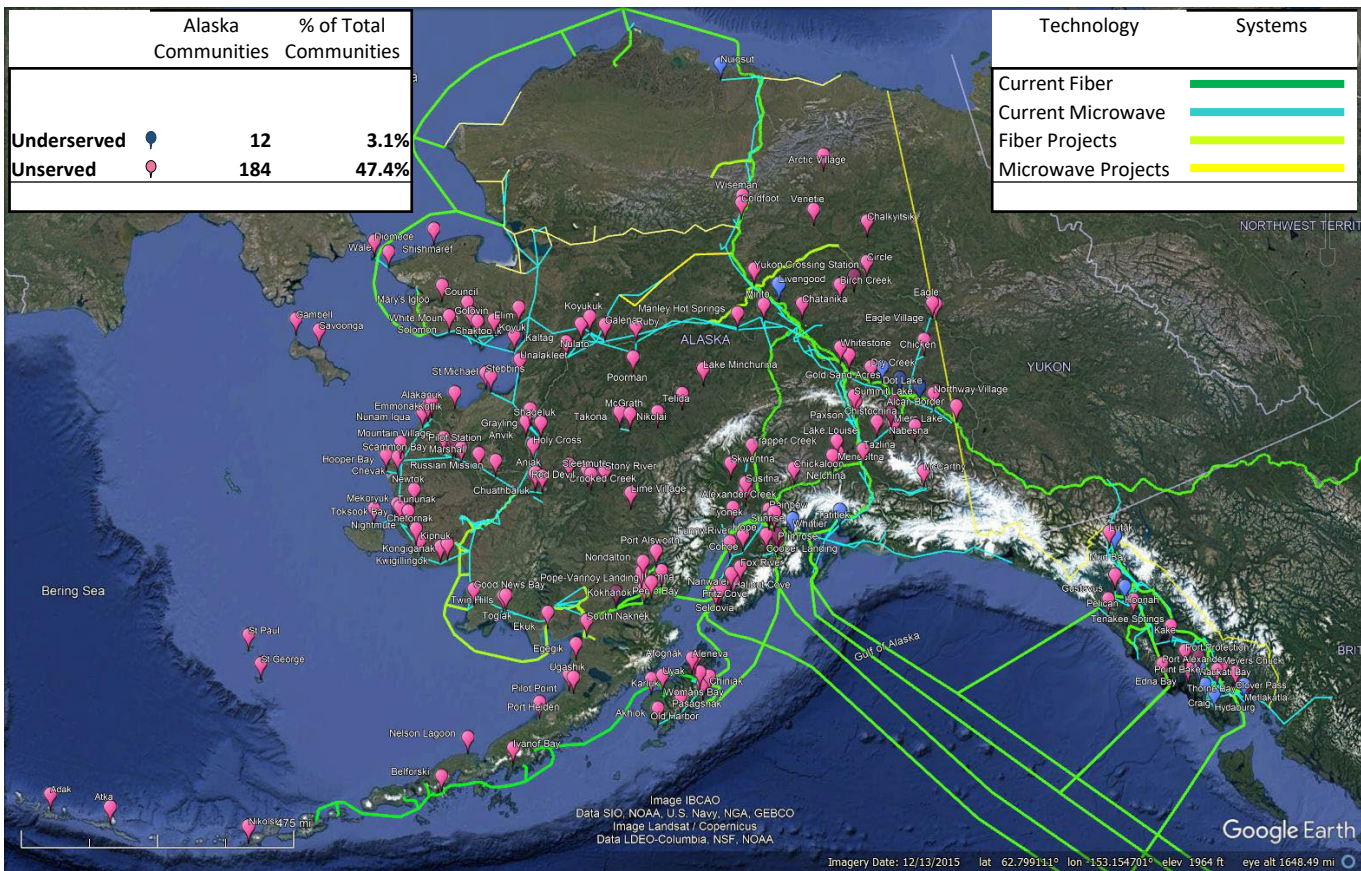


# Network Ideas for Underserved/Unserved Locations





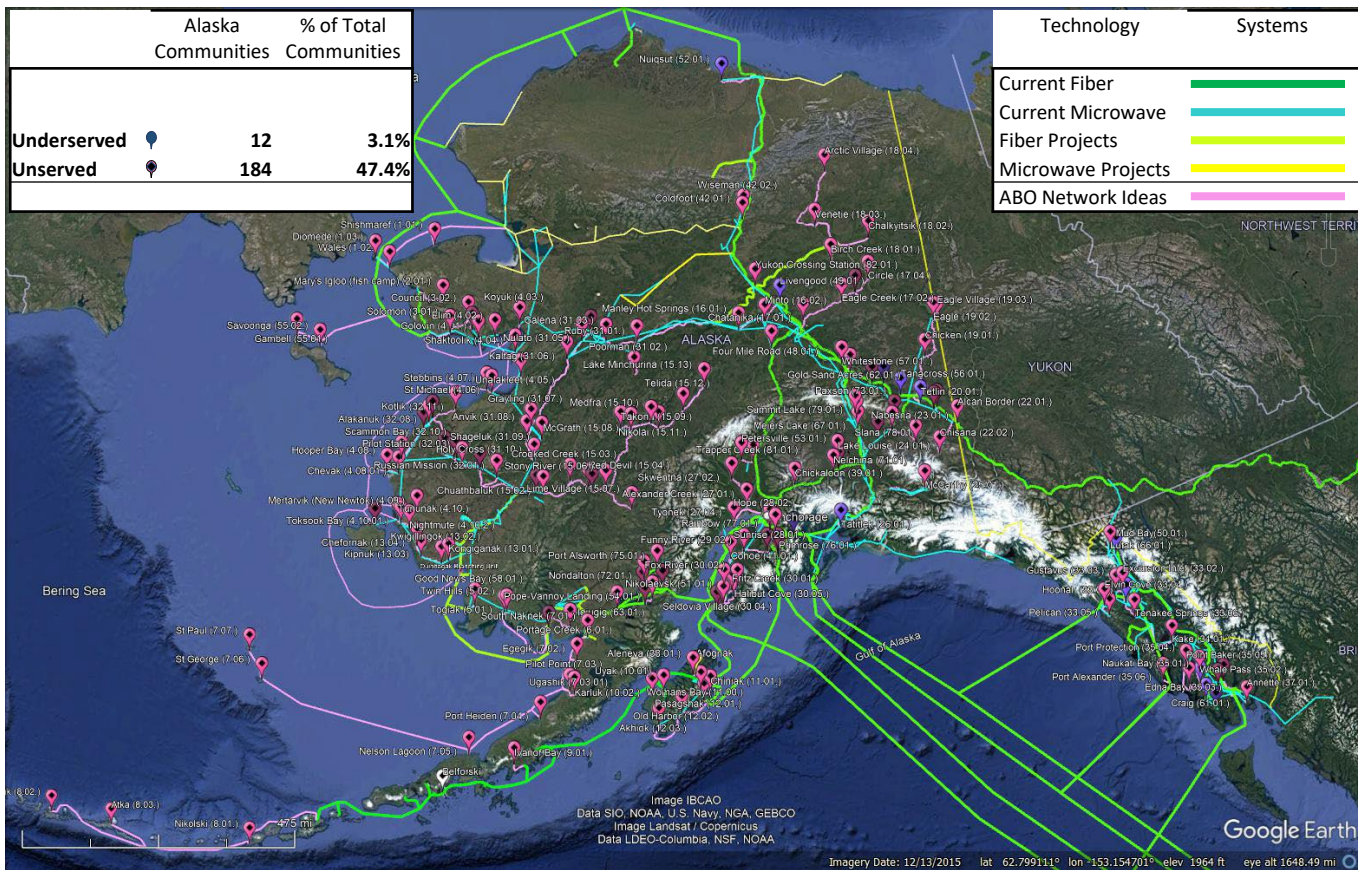
# Network Ideas for Underserved/Unserved Locations







# Network Ideas for Underserved/Unserved Locations





# BEAD Next Steps – Five-Year Action Plan

Work with Communities, Tribes, Village & Regional Corporations, AFN, AML, Industry, and others to develop and submit a Five-Year Action Plan.



## Outreach:

- Digital Equity Inclusion and External Engagement Process
- Alignment with Other Statewide Social / Economic / Infrastructure Plans



## Network:

- Broadband Service Needs
- Asset Inventory
- Deployment Barriers & Obstacle Identification
- Comprehensive High-Speed Internet Plan



## Logistical:

- Outline of Broadband Office, Employees, Consultants & Contractors, Program Work, and Anticipated Technical Assistance & Capacity Needs
- Broadband Funding Identification (Federal, State, Local & Tribal Providers) and Broadband Affordability Data



# BEAD Next Steps - Grant Criteria - Initial Proposal



## Primary Criteria: Fixed 75% of Scoring from Notice of Funding Opportunity:

- Efficient Use of BEAD Funding – How big is the match?
- Affordability – 1Gbps/1Gbps affordable consumer product
- Fair Labor Practices – Can and will Subgrantees comply with Federal labor and employment laws?



## Secondary Criteria: Will the work be completed by a set date?



## All Other Criteria:

- Network Design
- Operating Costs – Sustainable, Affordable and Scalable
- Native Bidders
- Carrier Neutral and Fair Pricing Practices



# Contact Information

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Questions? Thank You!