



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

DEPARTMENT OF COMMERCE, COMMUNITY AND ECONOMIC DEVELOPMENT

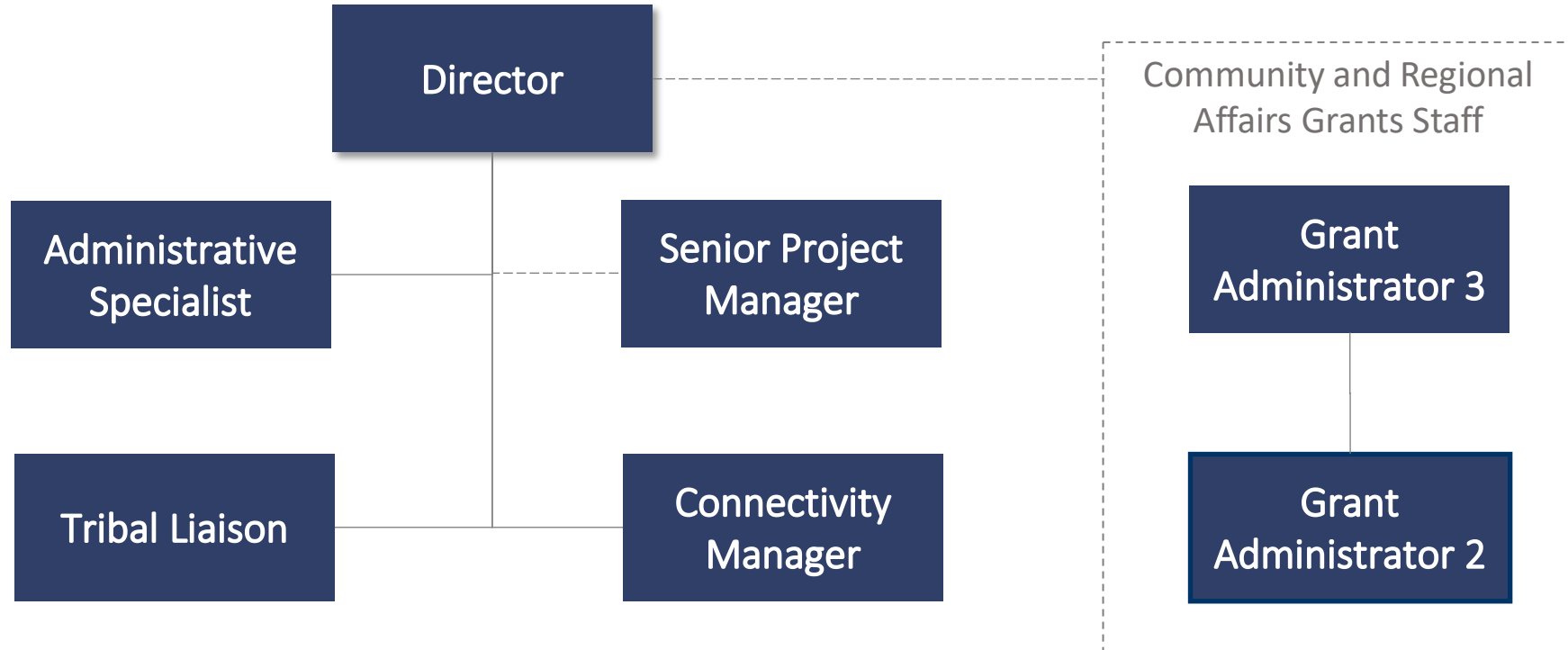
ALASKA BROADBAND OFFICE UPDATE

Thomas Lochner
Director

House Finance Subcommittee
February 16, 2023



Alaska Broadband Office – Organization Chart





Broadband Advisory Board

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



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

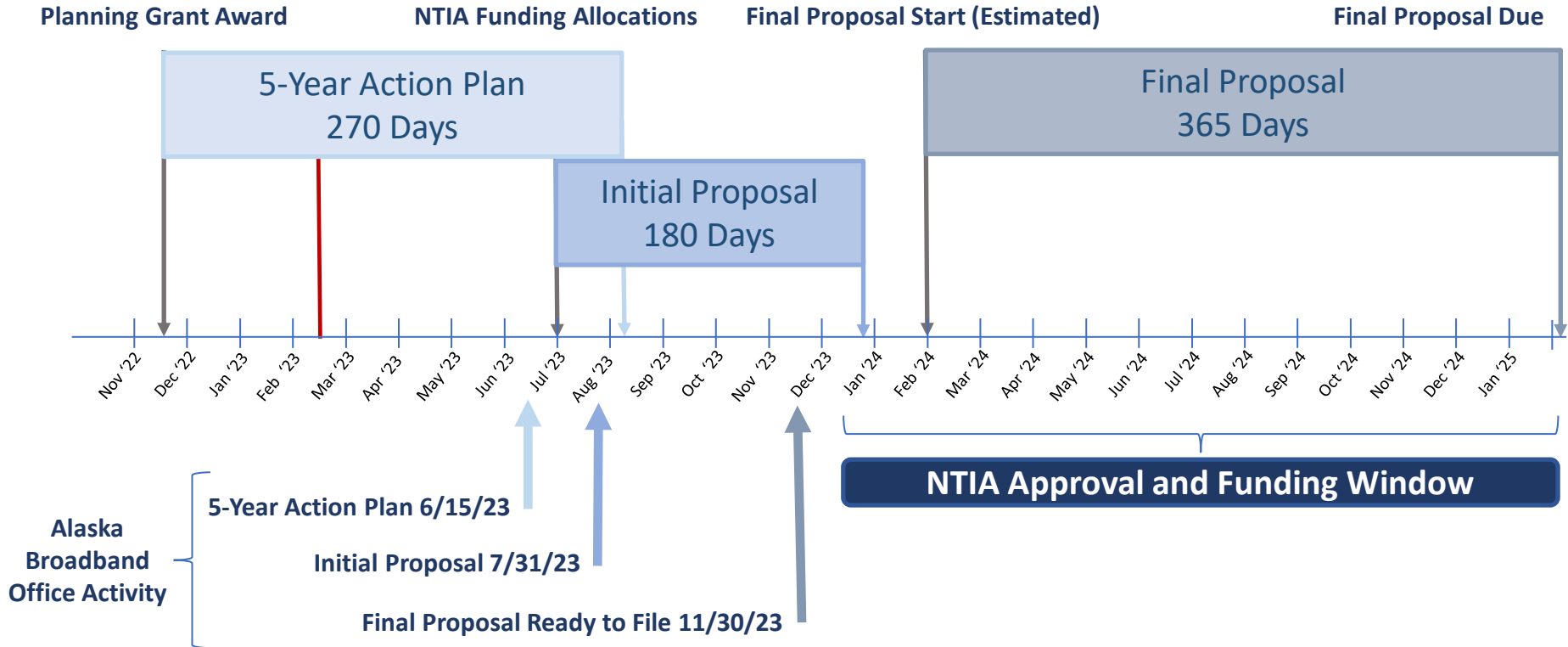
DISBURSEMENTS OF ALASKA'S ALLOCATION

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





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

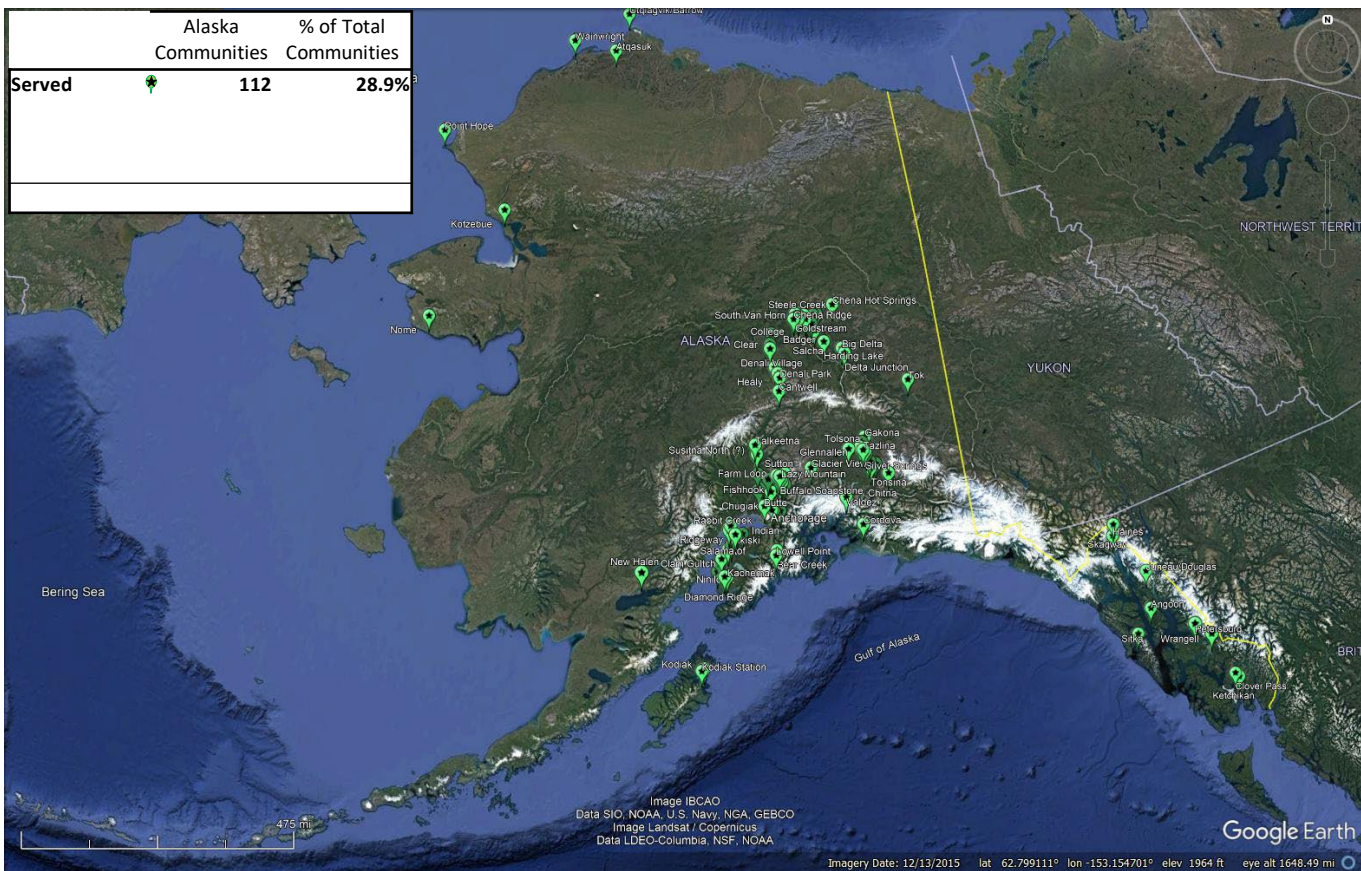
Served:

- 100 Mbps Download Bandwidth
- 20 Mbps Upload Bandwidth



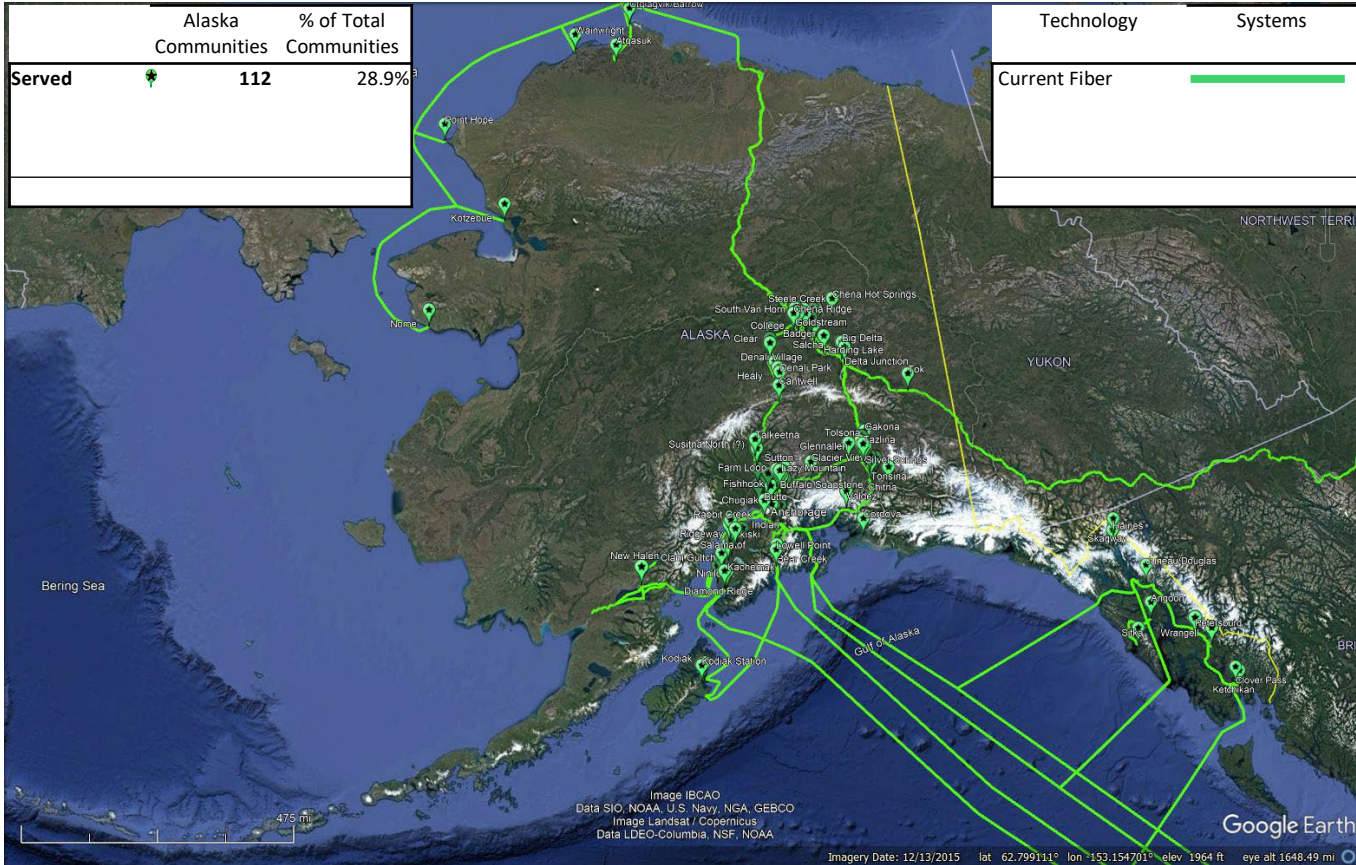
Evaluation of Current Status of Broadband

	Alaska Communities	% of Total Communities
Served	112	28.9%



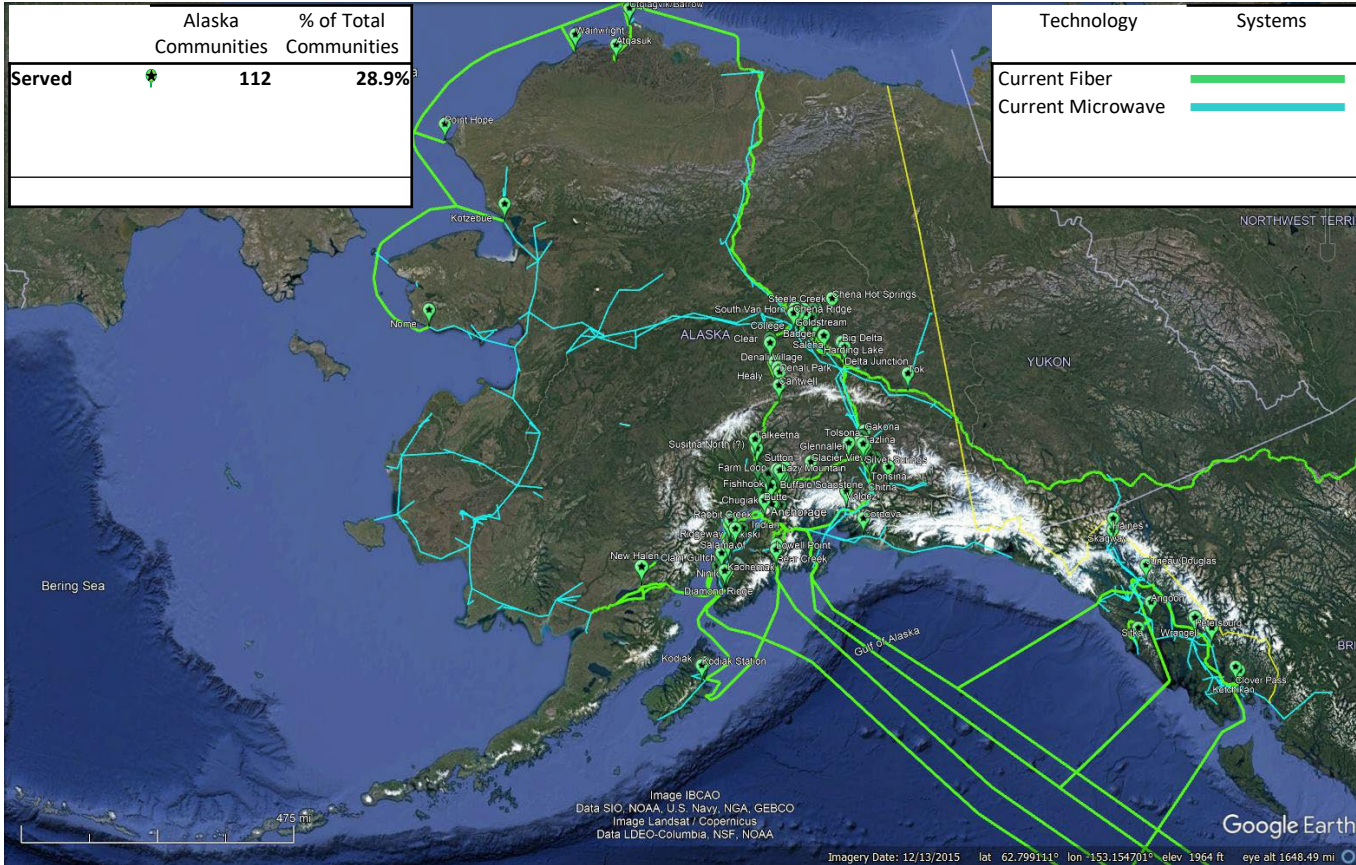


Evaluation of Current Status of Broadband





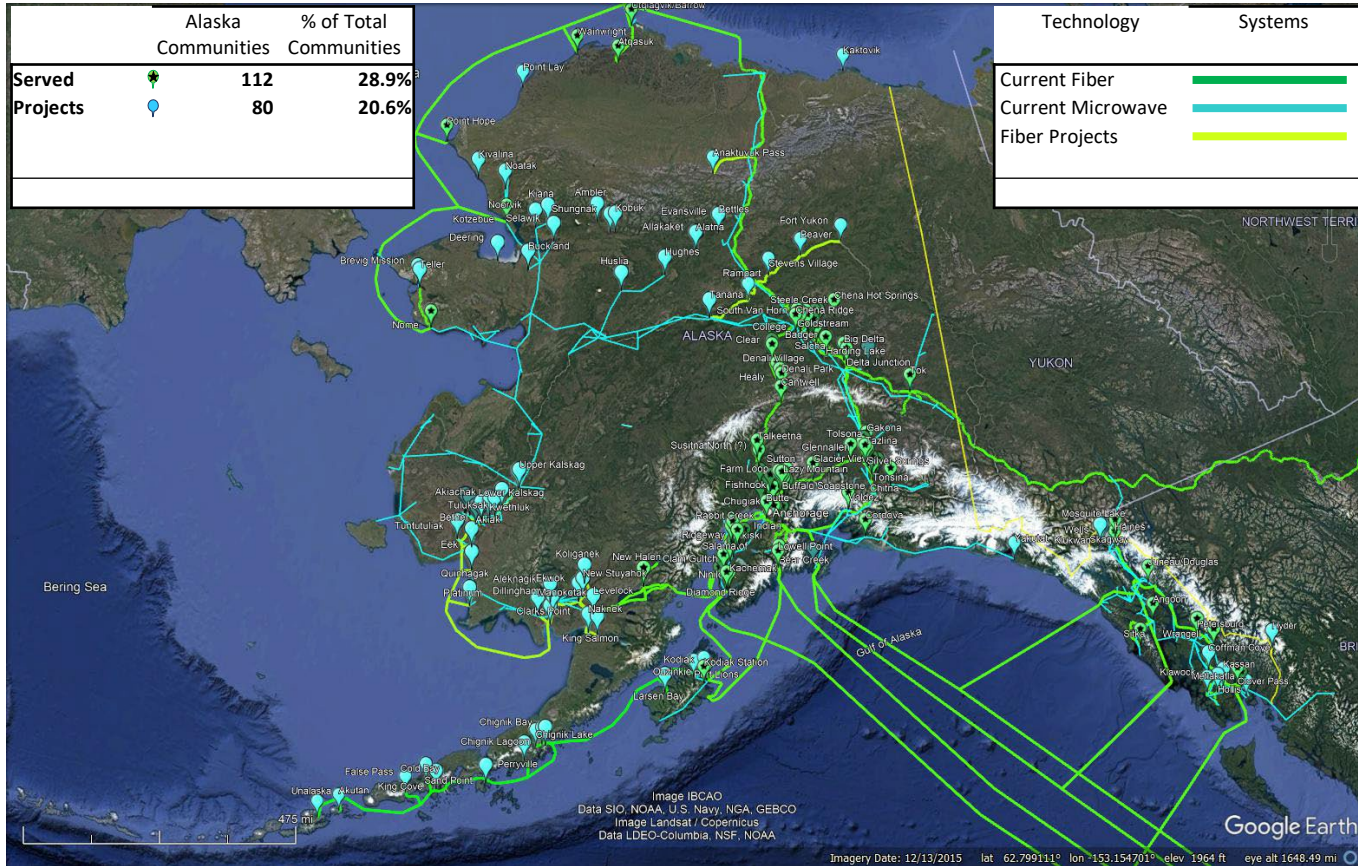
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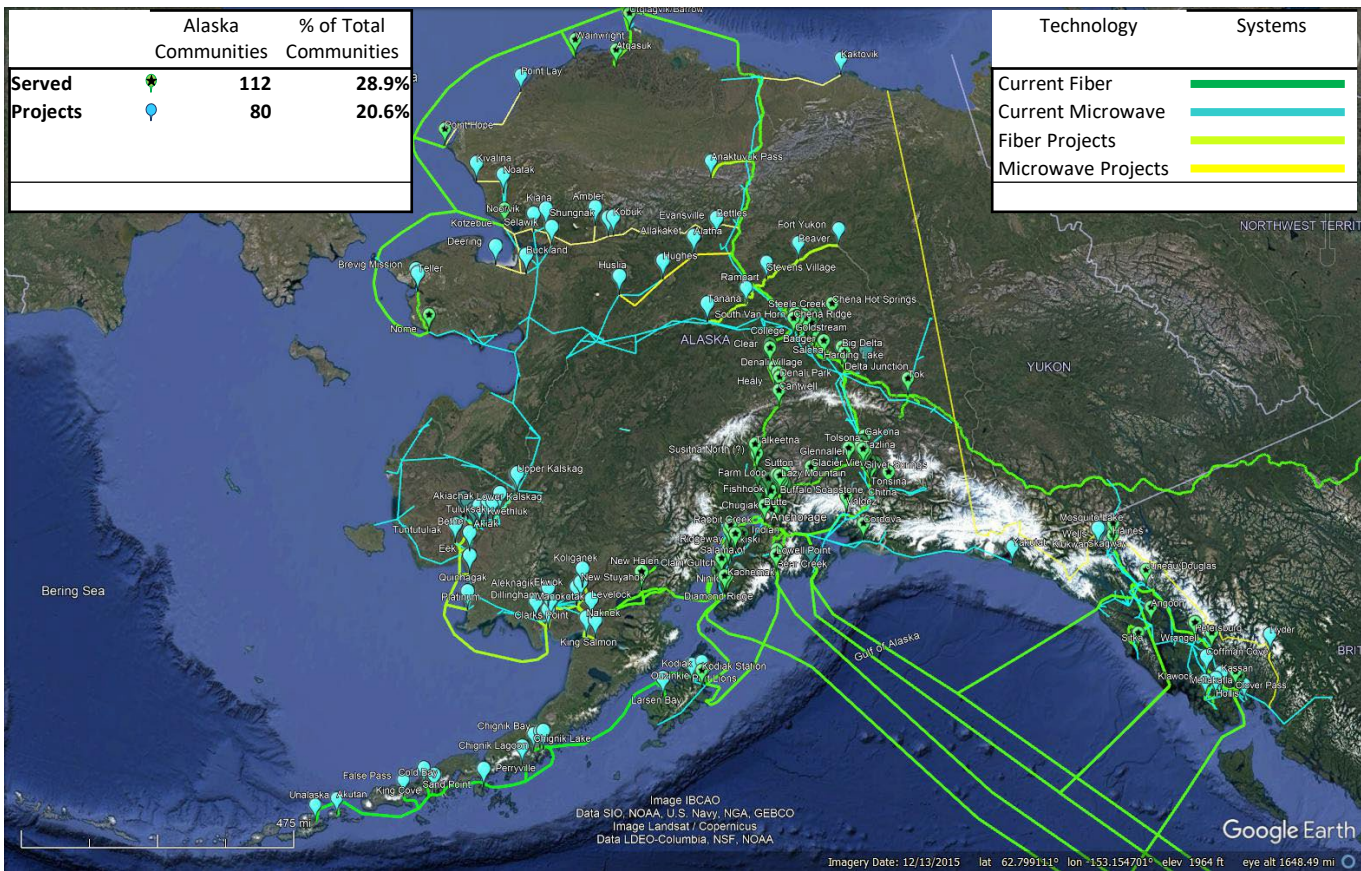


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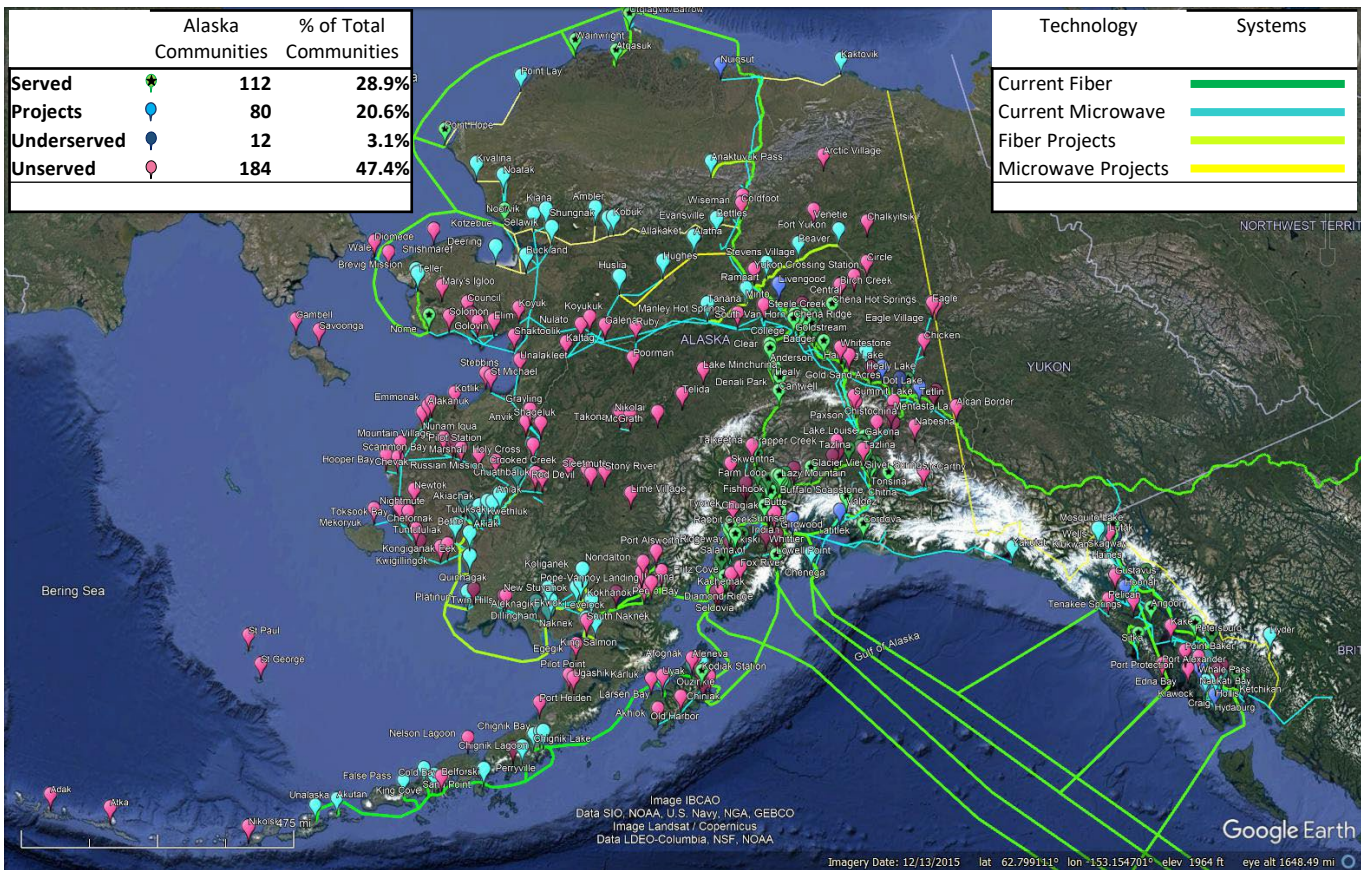


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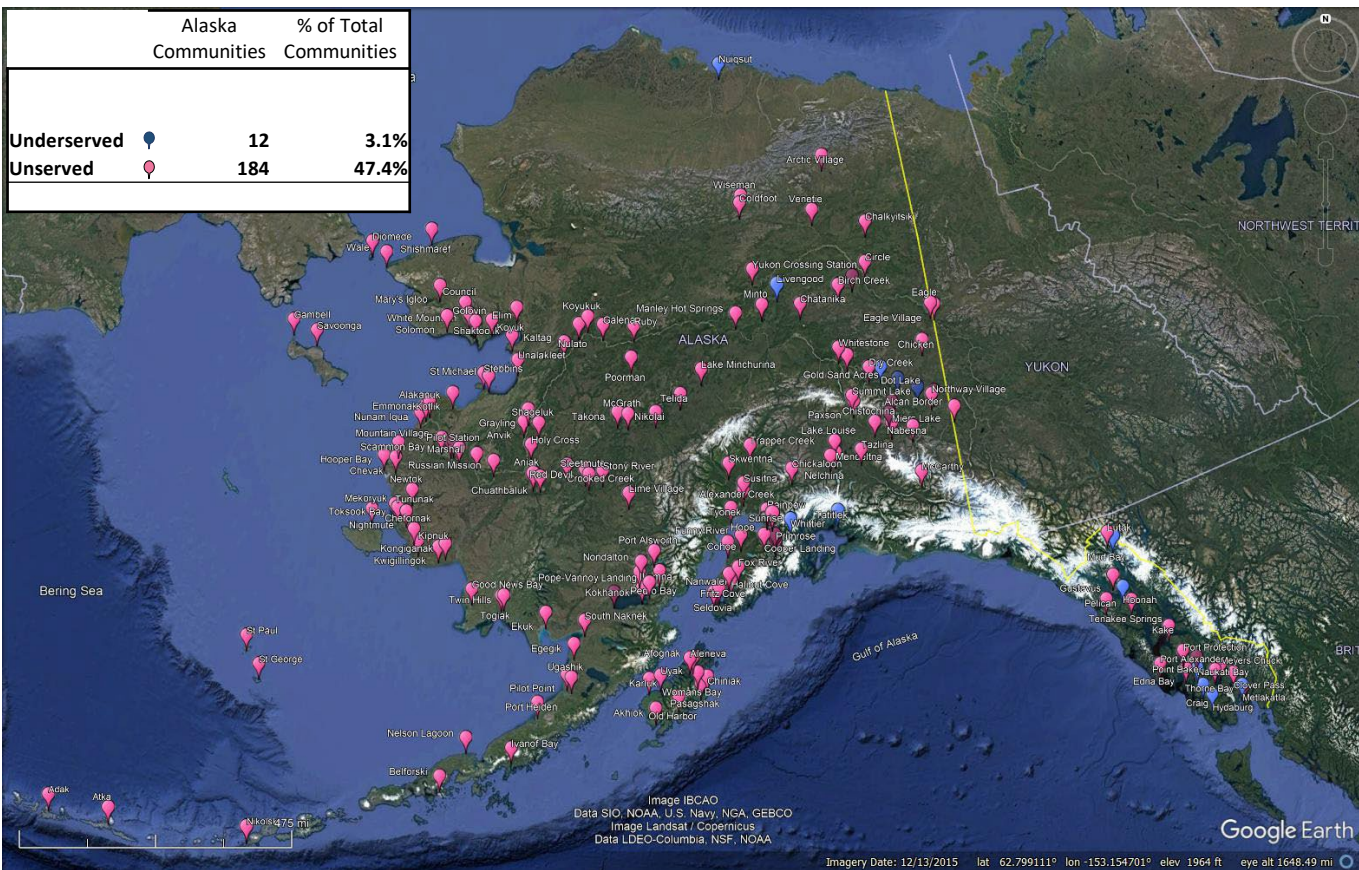


Evaluation of Current Status of Broadband



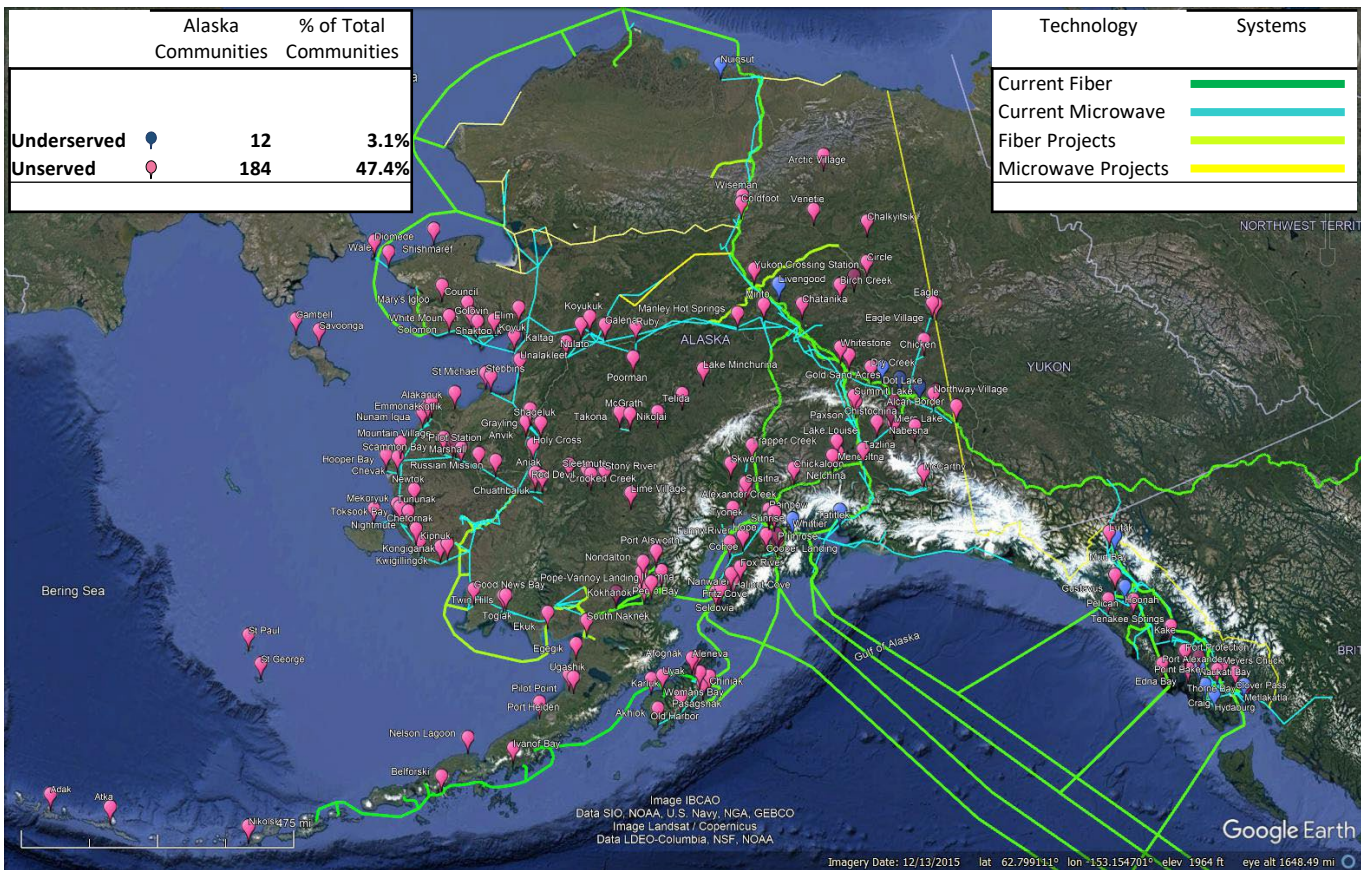


Network Ideas for Underserved/Unserved Locations



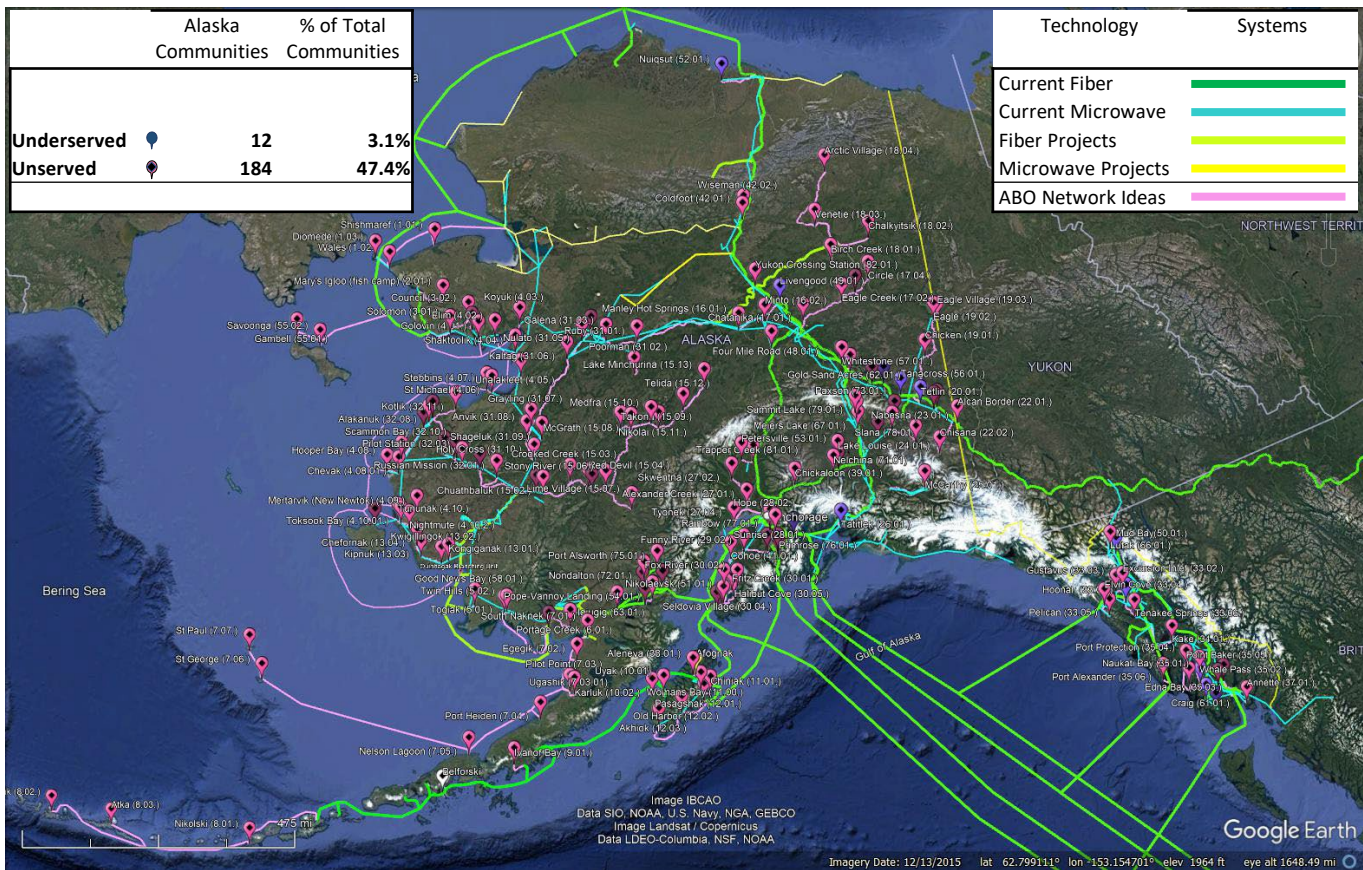


Network Ideas for Underserved/Unserved Locations





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?

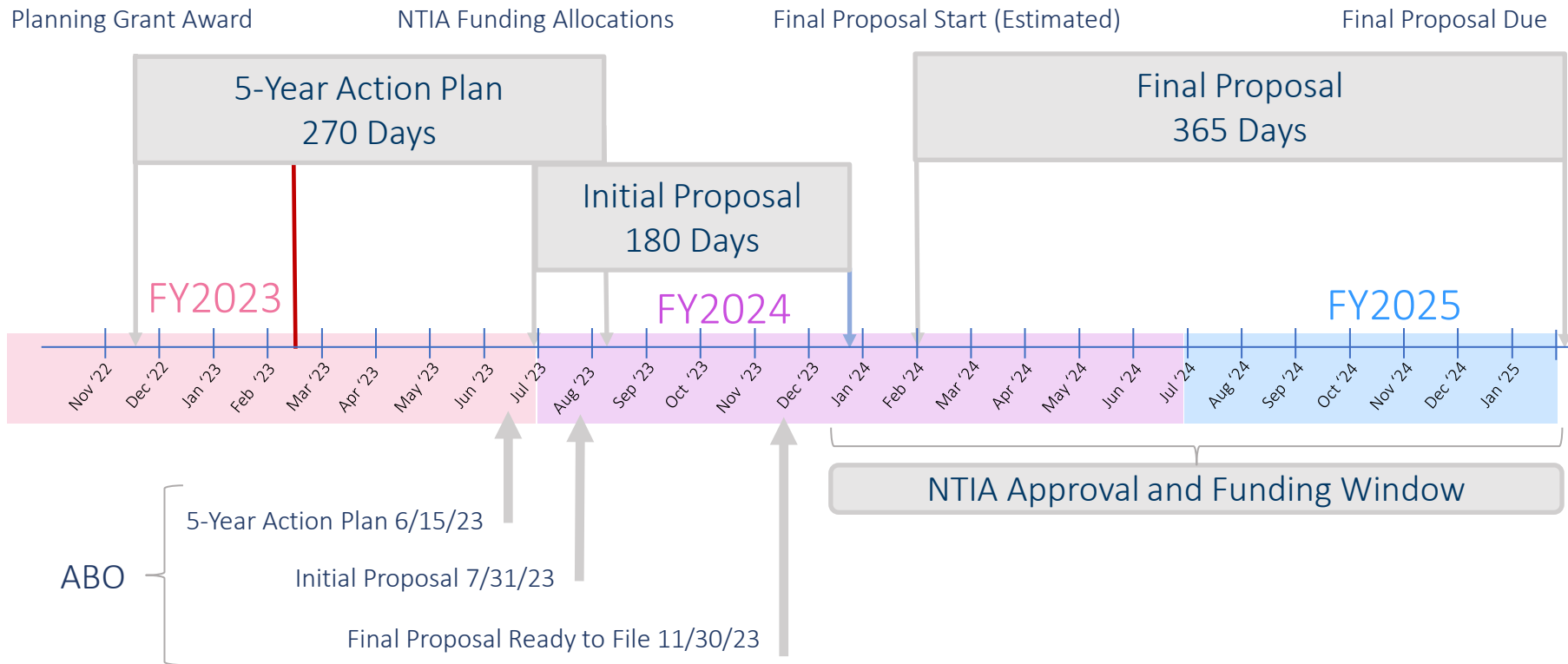


All Other Criteria:

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



ABO Timeline and Budget





Budget Plan for the Broadband Office

SLA2022: FY2023 Enacted

FY2023 Capital Appropriation for
BEAD Planning & DE
Appropriation: \$6,000.0
1002 Federal Receipts

Operating Appropriation: \$913.2
1061 CIP Receipts, 3 PFT

Contracts for planning activities
spend from capital appropriation

SLA2023: FY2024 Proposed

Operating Appropriation: \$1,564.7
1061 CIP Receipts, 4 PFT

Reimbursable Services Agreement with the
Division of Community and Regional Affairs for
Grant Administrators: \$350.0
1007 Inter-Agency Receipts, 2 PFT

Language to collect revenue from non-state,
non-federal participants.

Language to collect federal revenues for
broadband in FY2024.

SLA2024: FY2025 Plan (tentative)

Appropriation for BEAD grant:
\$100,000.0 or more
1002 Federal Receipts

Operating Appropriation
Fund Code 1061 CIP Receipts

Reimbursable Services Agreement
with the Division of Community and
Regional Affairs for Grant
Administrators
1007 Inter-Agency Receipts



FY2024 Operating Budget Items

FY2024 Operating Budget Changes	Amount (\$)	Funding Source	Impacts
Year 2 Fiscal Note for Broadband Division	+256.2	1061 CIP Receipts (OTH)	Ramping up broadband activities in year 2.
Budget Tribal Liaison for Broadband Support	+236.2 +1 PFT	1061 CIP Receipts (OTH)	Coordinate funding and opportunities throughout the state, help assure alignment between tribal entities and state efforts.
Broadband Grants Management Support	+159.1	1061 CIP Receipts (OTH)	Funding for two positions that will be created in the Division of Community and Regional Affairs.
Statutory Designated Program Receipts for Participation in Broadband	-	1108 Statutory Designated Program Receipts (OTH)	<i>Language</i> to allow potential future private participation in broadband projects.
Federal Receipts for Broadband in Alaska	-	1002 Federal Receipts (FED)	<i>Language</i> in case federal receipts are available earlier than anticipated.
Total FY2024 Operating Budget Changes	+651.5 +1 PFT		



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Questions? Thank You!