State of Broadband

November 4, 2020
Commonwealth North
ILECs
Fixed Broadband Coverage
Wireless Coverage
Middle Mile
Middle Mile is Key - 2010
Middle Mile is Key - 2020

Alaska Broadband and Satellite Networks

Existing through 2020
- Fiber
- Microwave

Planned Broadband Projects
- Fiber
- Microwave

Updated: 10/29/2020
Middle Mile Broadband Expansion

- KPU Telecom
- Matanuska Telephone Association
- Nushagak Cooperative
- Cordova Telecom
- Alaska Power & Telephone

Nushagak Cooperative announces significant increase to internet capacity for members

The co-op’s microwave project is complete, and it is now testing data capacity and moving members to the new packages.
Last Mile Broadband Expansion

- 118,813 locations upgraded/new broadband by ATA members since 2015
- Projects completed in 2020 by:
  - Copper Valley Telecom
  - Alaska Communications
  - GCI
  - Alaska Power & Telephone
What’s next?

- Private investment
- Federal Programs
- State Programs
- New initiatives
ReConnect Pilot Program Round 1

- Dec. 3, 2019 USDA awards Cordova Telecom $18.9M grant to connect Yakutat
October 12, 2020 USDA awards $21.5M grant to Alaska Power & Telephone to connect Coffman Cove and Kasaan on Prince of Wales Island.
October 12, 2020 USDA awards $25M grant to GCI to build an undersea fiber connecting Unalaska, Akutan, King Cove, Sand Point, Chignik, & Larsen Bay.
Low Earth Orbit Satellites - LEOS

- Starlink
- One Web
- Project Kuiper
- Telesat
2.5GHz Rural Tribal Spectrum
USDA

- Community Connect
- ReConnect Pilot Program
- Distance Learning & Telemedicine
- Denali Commission
Congress

$100 billion “universal fiber” plan proposed by Democrats in Congress

Ambitious legislation would deploy 100Mbps symmetrical broadband throughout US.

JON BRIDGEN - 6/25/2020, 10:00 AM

Broadband Internet Is an Imperative, Not a Luxury

We need a national investment to bring internet to millions of Americans. $100 billion is a good place to start.

Bullish on Broadband: Time to Get Your Grant Proposals Ready

At least 15 federal agencies provide grants to support better broadband. It's time for communities to get moving if they want to claim their share.

Pandemic Builds Momentum for Broadband Infrastructure Upgrade

Coronavirus crisis shows need for widespread high-speed internet in U.S. homes

America's digital divide is an emergency
COVID-19 Response

- Demand on networks
- Supporting Alaskans
  - Students
  - Teachers
  - Schools
  - Communities
Contact

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