



Alaska Statewide Broadband Advisory Board – December 11, 2023 – 11:00am Rescheduled Regular Board Meeting

Alaska Department of Commerce, Community & Economic Development

This meeting will be a hybrid held in-person and virtually.

Location: Lyla Richards Conference Room (103) Student Union Building, University of Alaska Anchorage
2901 Spirit Way, Anchorage, Alaska

Online Meeting Details: [Click here to join the meeting](#)

Meeting ID: 213 592 053 361; Passcode: gsppaR

Call In: 907-202-7104; Phone Conference ID: 495 249 352#

AGENDA

- I. Call to Order and Roll Call
- II. Approval of Agenda
- III. Declarations of Conflict of Interest
- IV. Host Presentation: UAA Broadband Solutions for Alaska (*Nolan Klouda, Executive Director for the UAA Center of Economic Development*)
- V. Approval of Minutes from Prior Meetings
 - a. Regular Meeting of November 20, 2023
- VI. Subcommittee Reports (None)
- VII. Staff Reports (None)
- VIII. Requests to the Technical Working Group
 - a. Approval of Non-Fiber Technology Prioritization Scope of Work Request to Technical Working Group
- IX. Unfinished Business (None)
- X. New Business
 - a. Presentation & Discussion Item: Comprehensive Broadband Overview
 - i. Current Broadband Picture (Existing Service Levels and Funded Projects)
 - ii. Upcoming non-BEAD Federal Funding Opportunities
 - iii. Digital Equity General Overview
 1. Draft Digital Equity Plan Highlights/Timeline
 2. Introduction to Digital Equity Capacity Grant Program
 - iv. Broadband, Equity, Access, & Deployment (BEAD) General Overview
 1. Challenge Program Overview/Timeline
 - a. Challenge Portal Demonstration

2. State of Alaska Grant Program Overview/Timeline
 - a. Minimum Qualifications
 - b. Scoring Matrix
 - c. Application Structure
 - d. Application Review Process
 - e. Grant Management
3. Break (10 Minutes)
4. Streamlined Permitting Efforts
 - a. Mapping Portal Demonstration
 - b. OPMP Coordination & Pre-Project Questionnaire Overview
5. Workforce Development Planning Update
6. BEAD Budget (Deployment vs. Administration)
7. Program Challenges
 - a. Deconfliction
 - b. Footnote 70
8. Final Proposal

XI. Public Comment

XII. Board Member Business from the Floor

XIII. Adjournment



Alaska Statewide Broadband Advisory Board Agenda Statement

Meeting Date:	December 11, 2023
Item Number:	V.a.
Item Title:	Approval of Minutes from the Regular Meeting of November 20, 2023
Submitted By:	Broadband Office Staff
Recommendation:	Approve Minutes from the Regular Meeting of November 20, 2023
Attachments:	1. November 20, 2023 Regular Meeting Minutes

Summary Statement:

The minutes of the Regular Meeting of November 20, 2023 are attached for review and approval by the Board.



Alaska Statewide Broadband Advisory Board

Alaska Department of Commerce, Community & Economic Development

Minutes for Regular Board Meeting- November 20, 2023, at 10:00 AM AKDT.

These draft minutes were prepared by staff and have not yet been approved by the board.

Attendance

Present:

Members: Glenda Ledford (Chair); Charles Carpenter; Representative Bryce Edgmon; Thomas Lochner; Travis Million; Kathleen Moran; Christine O'Connor; Laurel Shoop; Charlene Stern; Mary Swain; and Tara Sweeney (Vice Chair).

Staff Present: Lisa Von Barga, Deputy Director; and Melissa Kookesh, Tribal Liaison.

Members Absent: Michael Brase, Anna Hoffman, Senator Lyman Hoffman, and Steve Noonkesser.

I. Call to Order and Roll Call

The Chair called the meeting to order at 10:01am.

Deputy Director Von Barga called the roll, and eleven members of the board were present. Quorum was met.

II. Approval of Agenda

Motion by Mary Swain to approve the draft agenda as presented. Seconded by Thomas Lochner. Approved by Unanimous Consent.

III. Declarations of Conflict of Interest

None.

IV. Approval of Minutes from Prior Meetings

Motion by Mary Swain to approve the minutes from the regular meeting of October 16, 2023. Seconded by Travis Million and approved by Unanimous Consent.

V. Subcommittee Reports

None.

VI. Staff Reports

a. Administrative Specialist Announcement

Thomas Lochner announced the hiring of the new Administrative Specialist, Kalynn Himes.

b. December 11, 2023 In-Person Meeting Update

Lisa Von Bargaen provided an update about the details of the upcoming in-person Board meeting on December 11, 2023.

c. Broadband Workforce Development Plan

Lisa Von Bargaen announced the Draft Broadband Workforce Development Plan had been received that morning and would go into staff review.

VII. Referrals to the Technical Working Group

a. Reliable Broadband – Technology Prioritization

Thomas Lochner provided a summary description of a potential referral to the Technical Working Group to have them prioritize non-fiber transmission technologies.

VIII. Unfinished Business

None.

IX. New Business

a. Discussion Item: 30-Day Comment Period – Digital Equity Plan

Thomas Lochner provided a status update on the Digital Equity Plan and the current public comment period.

Mary Swain asked how the public comment opportunity is being advertised. Thomas Lochner replied that notification emails were sent to the ABO ListServ, emails were sent to the ABO's database of Tribal Leaders, and the draft plan is published on the ABO website. Lisa Von Bargaen added the Rasmuson Foundation is doing targeted outreach to their agency partners and is having the executive summary and key performance indicators translated into several languages and distributed through the appropriate networks.

Christine O'Conner asked to be included on the invitation list for an upcoming Digital Equity Meeting being scheduled by the Rasmuson Foundation.

b. Discussion Item: 30-Day Comment Period – Initial Proposal Volume 2

Thomas Lochner provided a status update on the Initial Proposal Volume 2 and the public comment period about to begin.

X. Public Comment

Shawn Williams from PDI requested the BEAD Initial Proposal Volume 2 include a Technology Waiver for Geostationary Earth Orbit (GEO) Satellites as an alternate technology.

XI. Board Member Business from the Floor

Chair Ledford provided a description of the failure of Mat-Com Emergency Service Dispatch in Wasilla and asked generally about fiber redundance through the Kenai Peninsula in the future as a back-up. Christine O'Connor said she would follow up about what is currently in place.

XII. Adjournment

Motion by Tara Sweeney to adjourn. Seconded by Mary Swain and approved unanimously.

Meeting adjourned at 10:18 am on November 20, 2023. The next meeting is December 11, 2023.



Alaska Statewide Broadband Advisory Board Agenda Statement

Meeting Date:	December 11, 2023
Item Number:	VIII.a.
Item Title:	Approval of Non-Fiber Technology Prioritization Scope of Work Request to Technical Working Group
Submitted By:	Alaska Broadband Office (ABO)
Recommendation:	Approve Non-Fiber Technology Prioritization Scope of Work Request to Technical Working Group
Attachments:	None.

Summary Statement:

At the November 20th meeting, Director Lochner gave an introduction to the Board about a potential request to the Technical Working Group (TWG) to prioritize non-fiber technologies. The results of the prioritization, once approved by the SBAB, will potentially be used by the Alaska Broadband Office when reviewing grant applications with non-fiber technology.

The Alaska Broadband Office has developed a recommended draft scope of work for the TWG for review and consideration by the Board.

The SBAB is requesting the TWG provide prioritization of non-fiber transmission technologies that:

- 1) deliver 100Mbps/20Mbps capacity to a minimum of 100 Broadband Serviceable Locations (BSLs), and
- 2) that meet the requirement that at least 80 percent of network speed measurements be at 80 percent of required speeds and 95 percent of latency measurements be at or below 100 milliseconds round-trip time during the Busy Hour.

The transmission technologies include, but are not limited to geosynchronous satellite (GEO), middle earth orbit satellites (MEO), low earth orbit satellites (LEO), licensed microwave spectrum in the 2.5GHz, 3.65GHz (WiMax), 4.9GHz (public safety), 6GHz, 11GHz, 18GHz, 23GHz, and 80GHz (E-Band millimeter wave) as designated by the FCC, unlicensed microwave in the 2.4GHz, 5.3GHz, 5.4GHz, 5.8GHz frequencies and the 60 GHz millimeter wave, or any other relevant transmission technology.

For each technology evaluate:

1.1. Performance

- 1.1.1. Download Bandwidth
- 1.1.2. Upload Bandwidth
- 1.1.3. Latency

1.2. Costs

- 1.2.1. Capital Costs (Initial Costs)
 - 1.2.1.1. Engineering
 - 1.2.1.2. Material

1.2.1.3. Installation

1.2.1.4. Mobilization/Demobilization

1.2.1.5. Testing

1.2.1.6. Other

1.2.2. Annual Operating and Maintenance Cost (Ongoing Costs)

1.2.2.1. Spares

1.2.2.2. Power/Fuel

1.2.2.3. Labor

1.2.2.4. Other