

ALASKA ENERGY AUTHORITY

ALASKA NEVI PROGRAM: POST SELECTION PROCESS

Josi Hartley
Project Manager

Alaska Electric Vehicle Working Group Meeting
May 22, 2023



Agenda

- Background
- Program Requirements
- FY24 Plan Update
- Round 1 Applications
- STIP/TIP Process
- Federal Project Agreements
- State Project Agreements
- Environmental Review
- Timeline



Who We Are



Our Mission

Reduce the cost of energy in Alaska.



Created in 1976 by the Alaska Legislature, the Alaska Energy Authority (AEA) is a public corporation of the State of Alaska governed by a board of directors with the mission to “reduce the cost of energy in Alaska.” AEA is the state's energy office and lead agency for statewide energy policy and program development.

AEA EV Mission Statement

Lead the effort to
**minimize barriers to
EV adoption** in Alaska.



Dimond Center EV Car Show and Ride & Drive, Anchorage, AK

Volkswagen Settlement Funds: Fast Charging Sites

■ Sites Open Now

- **Anchorage:** Dimond Center
- **Homer:** AJ's Old Town Steakhouse & Tavern
- **Seward:** Seward Chamber of Commerce
- **Soldotna:** Custom Seafoods
- **Cantwell:** Jack River Inn

■ Sites Under Construction

- **Chugiak:** Three Bears Alaska
- **Cooper Landing:** Grizzly Ridge
- **Healy:** Three Bears Alaska
- **Trapper Creek:** Three Bears Alaska





NEVI Background

The National Electric Vehicle Infrastructure (NEVI) Formula Program is a \$5 billion program established by the Bipartisan Infrastructure Law (BIL) to build a national network of 500,000 electric vehicle (EV) charging stations by 2030 along federally designated Alternative Fuel Corridors (AFCs).



Create an interconnected network



New FHWA Federal Aid program apportioned to state DOT's



Designated Alternative Fuel Corridors (AFC's)

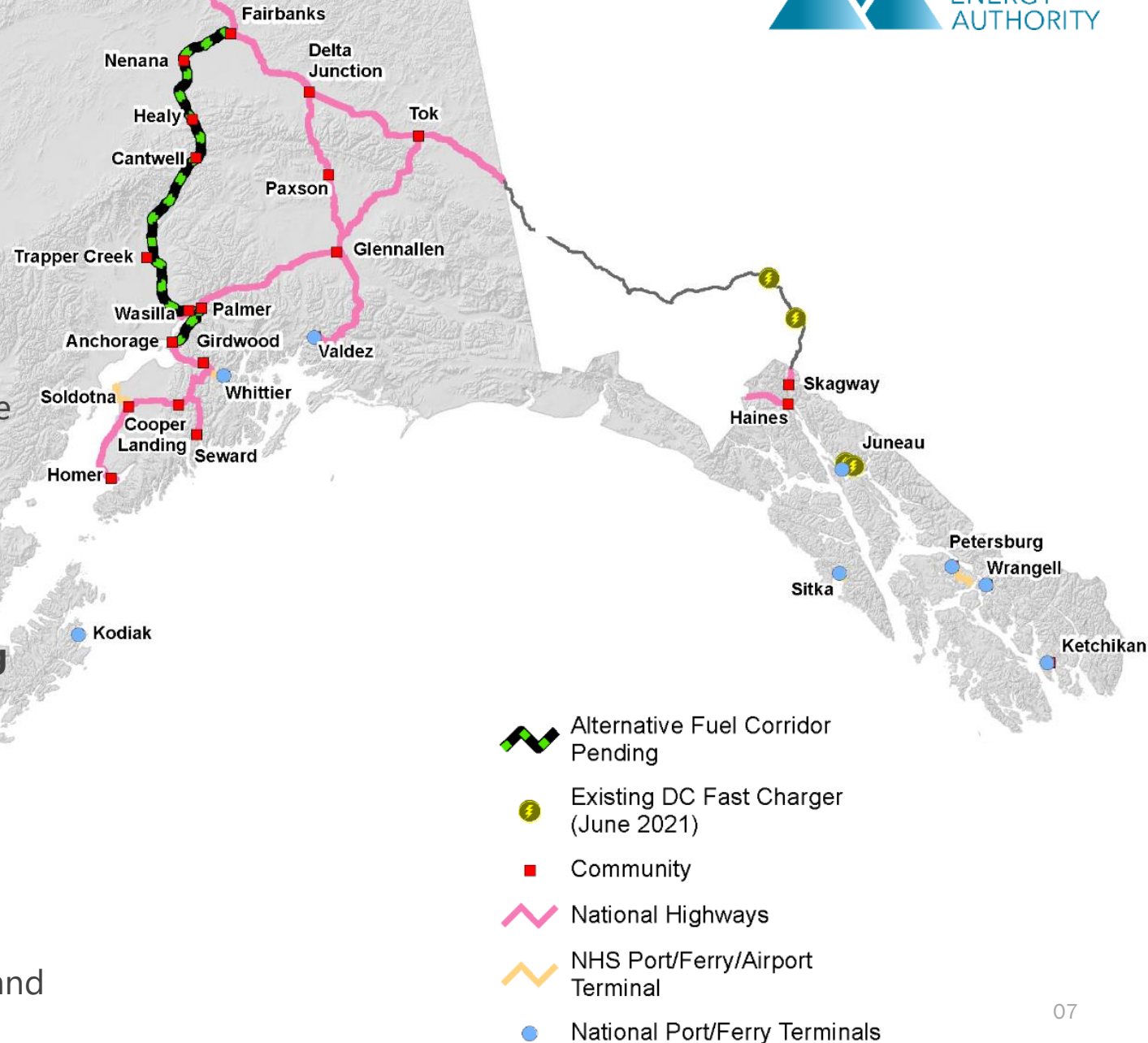


Annual Implementation Plan Required

NEVI Requirements

Funding must be used to build out Alternative Fuel Corridors (AFCs) first

- Alaska currently has one AFC
- After AFC buildout, funding can be used elsewhere
- Charging stations must be located no more than **50 miles** apart along designated AFC
- Chargers must be located no more than **1 driving mile from AFC**
- Charging infrastructure must be **DC fast-charging**
 - 4 Combined Charging System Connectors
 - >150 kW each
- Justice 40
- 80% Federal Share, 20% Match
- Title 23 Program
- National Electric Vehicle Infrastructure Standards and Requirements, Buy America Waiver



Alaska NEVI Plan

AEA and the Alaska Department of Transportation & Public Facilities (DOT&PF), submitted their **State of Alaska EV Infrastructure Implementation Plan (The Plan)** to the United States Joint Office of Energy and Transportation, as required by the Infrastructure Investment and Jobs Act's (IIJA) NEVI Formula Program.

- On September 27, 2022, AEA and DOT&PF **secured approval of The Plan.**
- Over the **next five years**, AEA anticipates receiving **\$52 million**. Funds will be received by DOT&PF and administered by AEA.
- **FY24 Plan is due** to FHWA and the Joint Office on **August 1, 2023.**
- **Public comment** period on FY24 plan from **June 5 – July 5, 2023.**



State of Alaska Electric Vehicle Infrastructure Implementation Plan



FY24 NEVI Plan Timeline

- JUN 5** Begin FY24 NEVI Plan public comment period
 - JUN 13** CFI Program applications due
 - JUN 12** Anchorage
 - JUN 13** Mat-Su
 - JUN 14** Juneau
 - JUN 15** Fairbanks
- NEVI Plan workshops
- JUL 5** End FY24 NEVI Plan public comment period
 - JUL 12** NEVI Plan 95% complete
 - AUG 1** Submit NEVI Plan to FHWA & Joint Office

WE ARE HERE

**PHASE
1**

**Build out Alaska's
Alternative Fuel Corridor**

**PHASE
2**

**Build out Alaska's Highway
and Marine Highway Systems**

As funding allows

**PHASE
3**

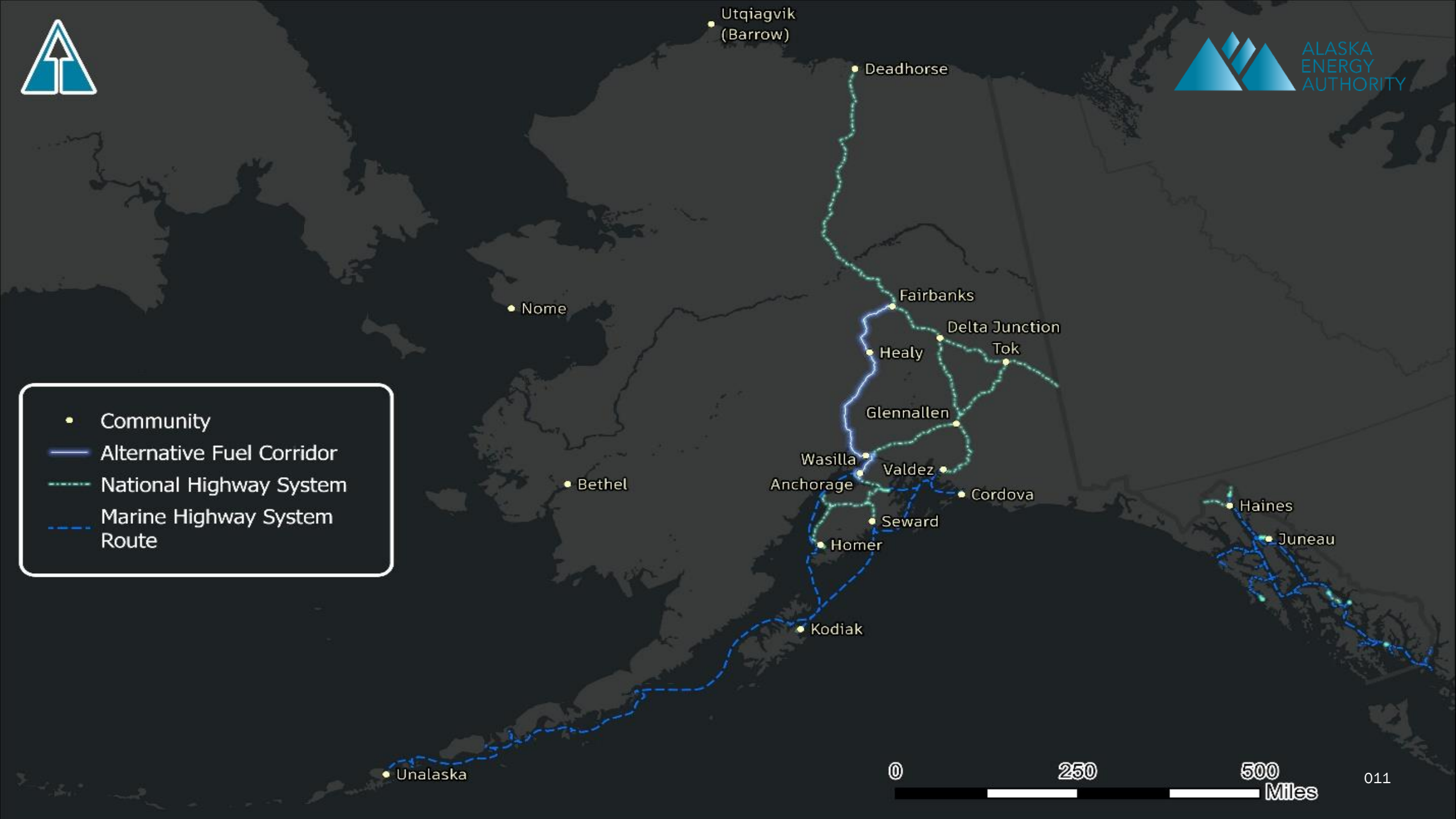
**Install Charging Stations
in Rural Hub Communities**

**PHASE
4**

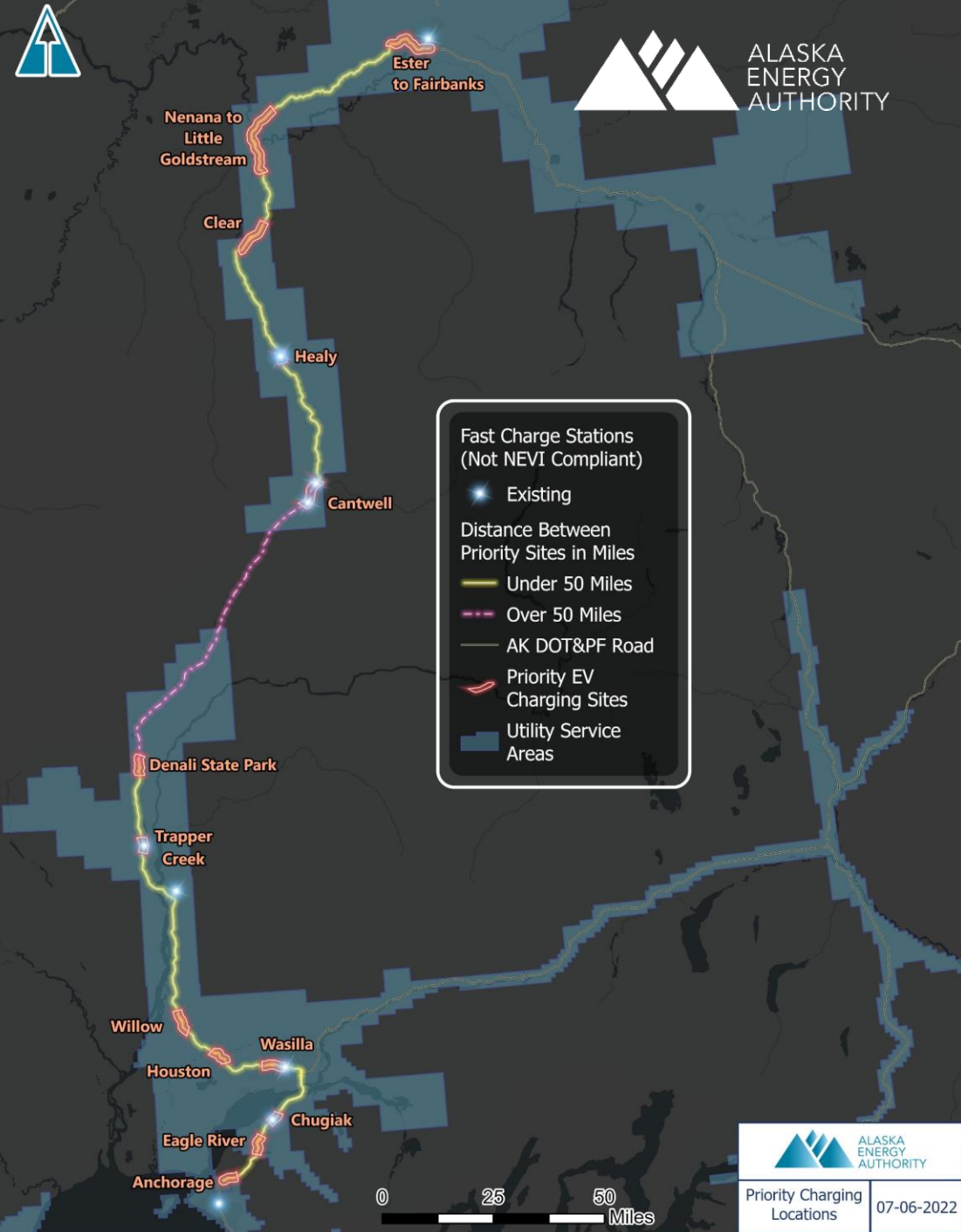
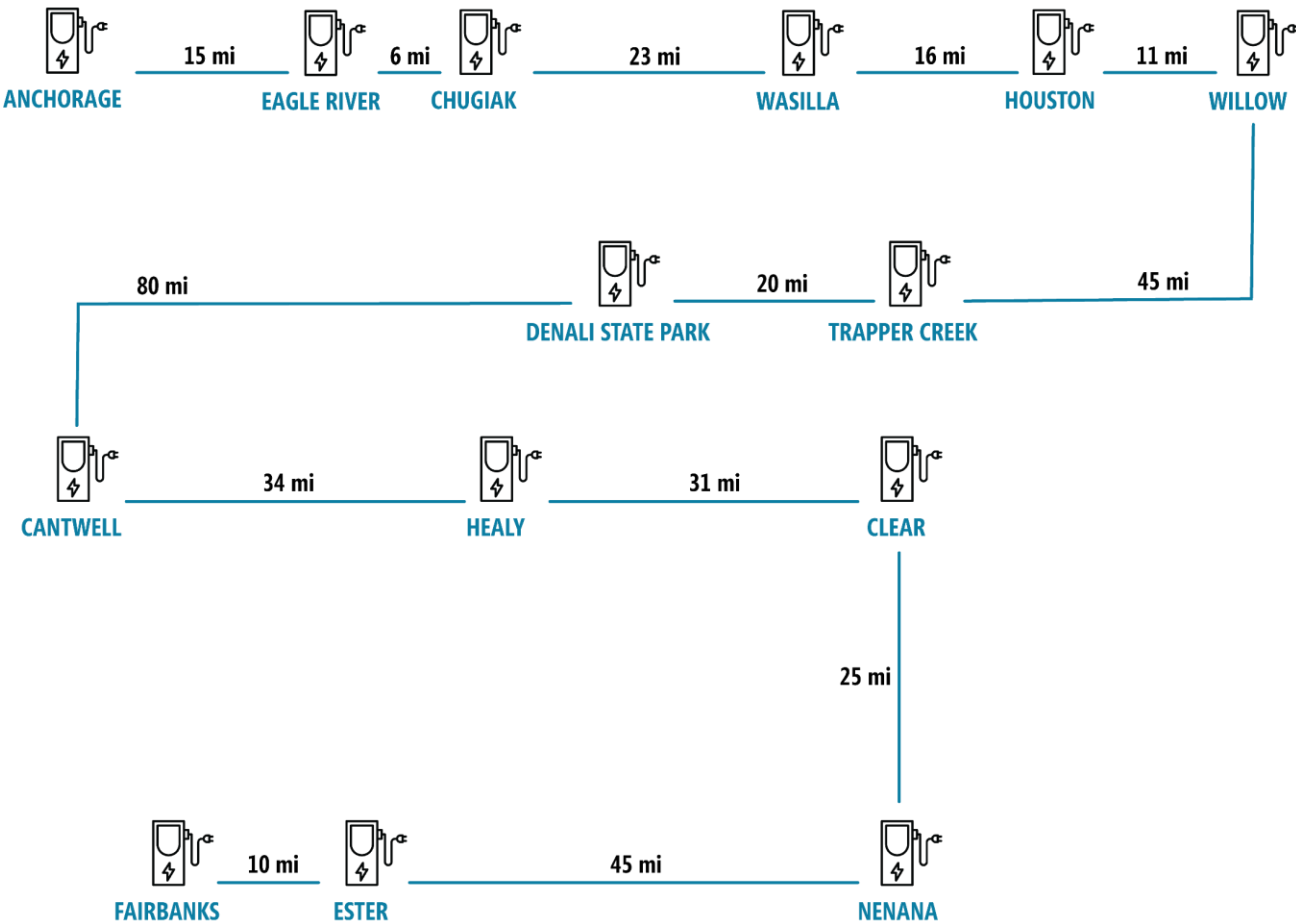
**Urban and
"Destination" Locations**



- Community
- Alternative Fuel Corridor
- - - National Highway System
- - - Marine Highway System Route



Phase 1: Priority AFC Areas



Number of Applications Received by Location

4 Fairbanks	1 Willow
1 Ester	2 Houston
5 Nenana	3 Wasilla
3 Healy	1 Chugiak
1 Denali State Park	2 Eagle River
3 Cantwell	5 Anchorage
3 Trapper Creek	



Statewide Transportation Improvement Program (STIP)

- **AEA to develop TIP**
 - Similar to MPO process
 - 45-day public comment period
- **TIP incorporated into STIP by reference**
 - October 1: STIP effective date
 - Project capital not available until STIP in effect



Federal Project Agreements

- **Project agreement between FHWA and DOT&PF**
 - One per site
 - Project scope/schedule/budget submitted to FHWA after STIP effective date
 - ATP expected end of October

- **Authorization to Proceed (ATP)**
 - Authorization to begin work, received in phases
 - ATP 1: Preliminary Design
 - NEPA, Environmental Review
 - ATP 2: Final Design
 - Final drawings
 - ATP 3: Construction and Utilities

Only costs incurred *after* ATP received from FHWA will be eligible for reimbursement.

State Project Agreements

- **Project agreement between Site Host, DOT&PF and AEA**
 - One per site
 - CFR 680, Title 23, 2 CFR 200
 - Project agreements signed after STIP effective and Federal ATP received
 - End of October

- **Billing and Reimbursement**
 - Site hosts will provide monthly reports to AEA
 - AEA will submit to DOT&PF
 - DOT&PF will pay site host directly

- **Budgets will include 7.13% DOT&PF ICAP and AEA Indirect**
 - Site hosts responsible for providing 20% match of total project budget
 - Standard process for federal aid funding through FHWA

- **DOT&PF Environmental group will conduct NEPA review for each project**
- **Expected to take no more than 60 days to complete review**
 - Will occur during ATP 1, preliminary design
- **Cost of DOT&PF Environmental review will be added to total project cost for programming with FHWA**
 - Site hosts will be responsible for 20% match of overall project cost, including NEPA review
- **FHWA expects NEVI projects to fall under a categorical exclusion**

■ Alaska NEVI Program: Round 1 Projects

- **JUN 12** NEVI Evaluation Committee Meeting
- **JUN 15** Begin public comment period for AEA TIP
- **JUL 31** End public comment period for AEA TIP
- **OCT 1** DOT&PF STIP goes into effect
- **OCT 5** DOT&PF submits NEVI projects to FHWA
- **OCT 25** FHWA issues ATP 1 for NEVI projects
- **OCT 31** Final state NEVI project agreements signed by all parties
- **NOV 29** Environmental review, ATP 1 deliverables complete

Other Updates

- **FY 2022 Vehicle Technologies Office: Funding Announcement**

- Recommended for negotiation of award
- Alaska EVSE Deployment and Best Practices in Rural and Underserved communities: ~\$2MM
 - Demonstrate EVSE in rural areas
 - Install EVSE (up to 36)
 - Fund data collection and analysis
 - Technical assistance and training resources for EVSE

- **CFI Application Under Development**

- L2 and DCFC Charging stations for coastal communities, AMHS
- Due June 13

AEA provides
energy solutions
to meet the
unique needs of
Alaska's rural
and urban
communities.

Alaska Energy Authority



Josi Hartley, Project Manager

jhartley@akenergyauthority.org

electricvehicles@akenergyauthority.org

813 W Northern Lights Blvd.
Anchorage, AK 99503



Main: (907) 771-3000
Fax: (907) 771-3044



akenergyauthority.org



@alaskaenergyauthority



@alaskaenergyauthority

