





NO ACCOUNT EXPIRATION

Account records retained

NO PASSWORD RESETS

Use of MyAlaska account instead of DOT-provided login





November 2024 1

AASHTOWare Project is moving!

Why move?

no account expiration automated password reset live data dashboards improved uptime and performance

No change to:

Your ability to access Your access to historical data Your roles and permissions

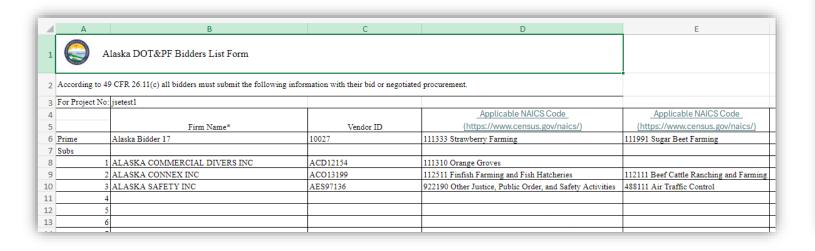
What you can do to be ready for next year create a new MyAlaska account review who has access to your vendor records watch for updates from the AWP Team

USDOT Final Rule

Intent to streamline the DBE certification process and ensure representation during the bidding process

Additional data reporting requirements

Innovative process to bulk upload the data







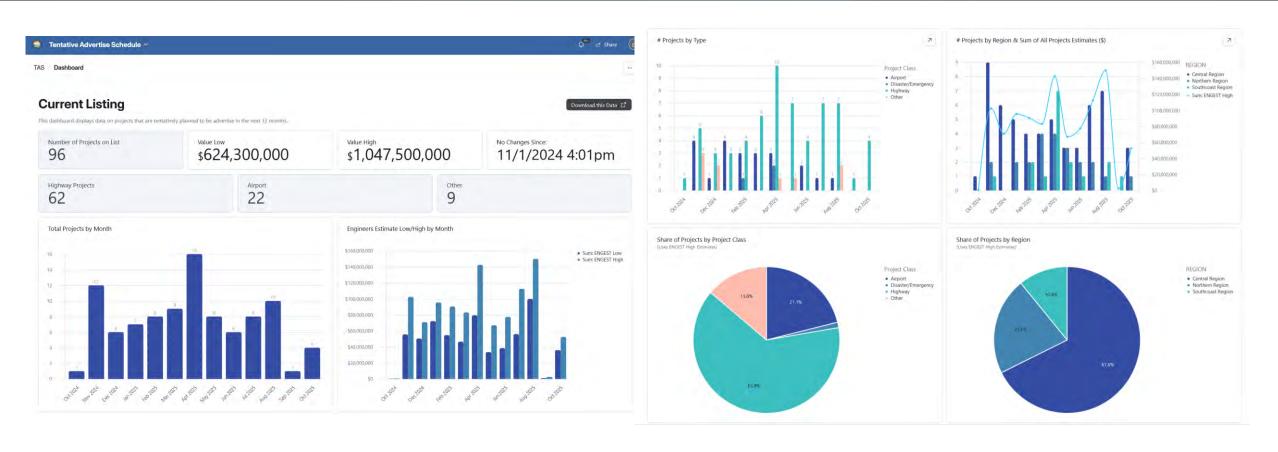
AGC Meeting

November 6, 2024



Tentative Advertise Schedule

Month of Advertisement Engineer Estimates, High & Low Project Type Region



https://dot.alaska.gov/tasdashboard/

The Division of Facilities Services provides project delivery of facilities deferred maintenance, retrofits, renovations, and new facility construction for DOT&PF and other state agency facilities.

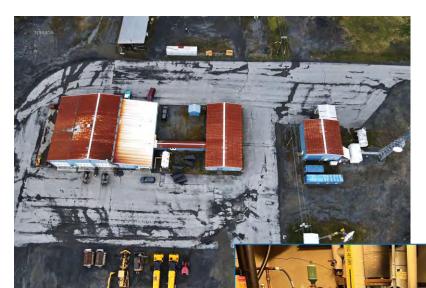
The listed projects anticipated for 2025 advertising are amongst DOT&PF and other state agencies.



123

- State Facilities are owned by different agencies and many facilities projects are Deferred Maintenance (DM) focused.
- Funds for DM projects are typically state funded, with the amount varying to year dependent upon on the state capital budget. Typical annual ranges \$20M-50M.
- A State Facilities Council comprised of representatives from each state agency and the Governors Office annually prioritizes projects based on importance of the facility, impact of the improvements, and the condition of need.
- Top ranked projects are funded with the available funds from the annual budget.

Recent projects prioritized through the DM Process



DOT&PF Valdez Complex Roof Replacement

DFCS Juneau Johnson Youth Center Boiler Replacements

2023

Anticipated Projects Advertising in 2025

Project	Location
DOT&PF 7-Mile HVAC Upgrades and Asbestos Abatement	Juneau
Alaska Office Building Plumbing and Restroom Renovation	u u
Juneau State Office Building North Parking Garage Restoration	u
Juneau State Office Building Elevator Shaft Abatement	u u
DFCS Johnson Youth Center Boiler Replacement	u u
DFCS Johnson Youth Center Generator Replacement	u u
DFSC Johnson Youth Center Hot Water Heater Replacement	u u
DOH Juneau Public Health Center Envelope Repair and Window Replacement	"
DOH Juneau Public Health Center Roof Replacement	u
DOH Juneau Public Health Center HVAC Upgrades	u









Anticipated Projects Advertising in 2025 (Cont.)

Project	Location
DOT&PF Petersburg Maintenance Station Oil Water Separator	Petersburg
Sitka Tribe of Alaska Bus Maintenance Station	Sitka
DEED Sheldon Jackson Museum HVAC Replacement	"
DEED Mt. Edgecumbe H.S. Bldg 299 Exterior Stairs and Bridge Replacement	"
DOH Sitka Public Health Center Roof Replacement	u u
DFCS Sitka Pioneer Home Tub Room Renovations	u u
DOH Ketchikan Public Health Center Boiler Replacement	Ketchikan
DFCS Ketchikan Pioneer Home Courtyard Sidewalk Replacement	"
DFCS Ketchikan Pioneer Home Main Entry Access Control System Upgrade	"











Anticipated Projects Advertising in 2025 (Cont.)

Project	Location
DOT&PF Whittier Tunnel Standby Generators	Whittier
DOL&WD AVTEC Dorm Leak Remediation	Seward
DOL&WD AVTEC First Lake Facility Roof Leak Remediation	u
DOC Wildwood Correctional Sewer Lift Station Replacement	Kenai
DOH Public Health Lab / State Medical Examiner's Office Fire Panel Upgrades	Anchorage
DFCS McLaughlin Youth Center Roof Replacements	u
DFCS McLaughlin Youth Center Roof Main Entry and Access System Upgrades	"
DFCS McLaughlin Youth Center Walk-in Cooler Replacement	u











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Anticipated Projects Advertising in 2025 (Cont.)

Project	Location
DOC Palmer Correctional Center Campus Roof Replacements	Sutton
DFCS Mat-Su Youth Facility Kitchen HVAC Upgrades	Palmer
DFCS Alaska Veterans & Pioneer Home Roof Replacement	u u
DFCS Bethel Youth Facility Security Access Upgrades	Bethel
DOC Yukon Kuskokwim Correctional Sewer Line Repair	u
DOT&PF Peger Complex Water and Sewer Upgrades	Fairbanks
Fairbanks Regional Office Building Fire Alarm and Sprinkler System Upgrades	"
DOH Fairbanks Public Health Center Fire Alarm Upgrades	











2023

2023

Anticipated Projects Advertising in 2025 (Cont.)

Project	Location
DFCS Fairbanks Pioneer Home Sidewalk Replacement and Courtyard Upgrades	Fairbanks
DFCS Fairbanks Pioneer Home Rain Gutter and Drywell Upgrades	u e
DOT&PF Healy and Nenana Maintenance Station Roof Replacements	Healy, Nenana
DOC Anvil Mountain Correctional Exterior Doors and Window Replacements	Nome
DOC Anvil Mountain Correctional Perimeter Fence Security Upgrades	"
DOC Anvil Mountain Correctional Jump Barriers	u
DOC Backup Power System Upgrades	DOC Multi-site

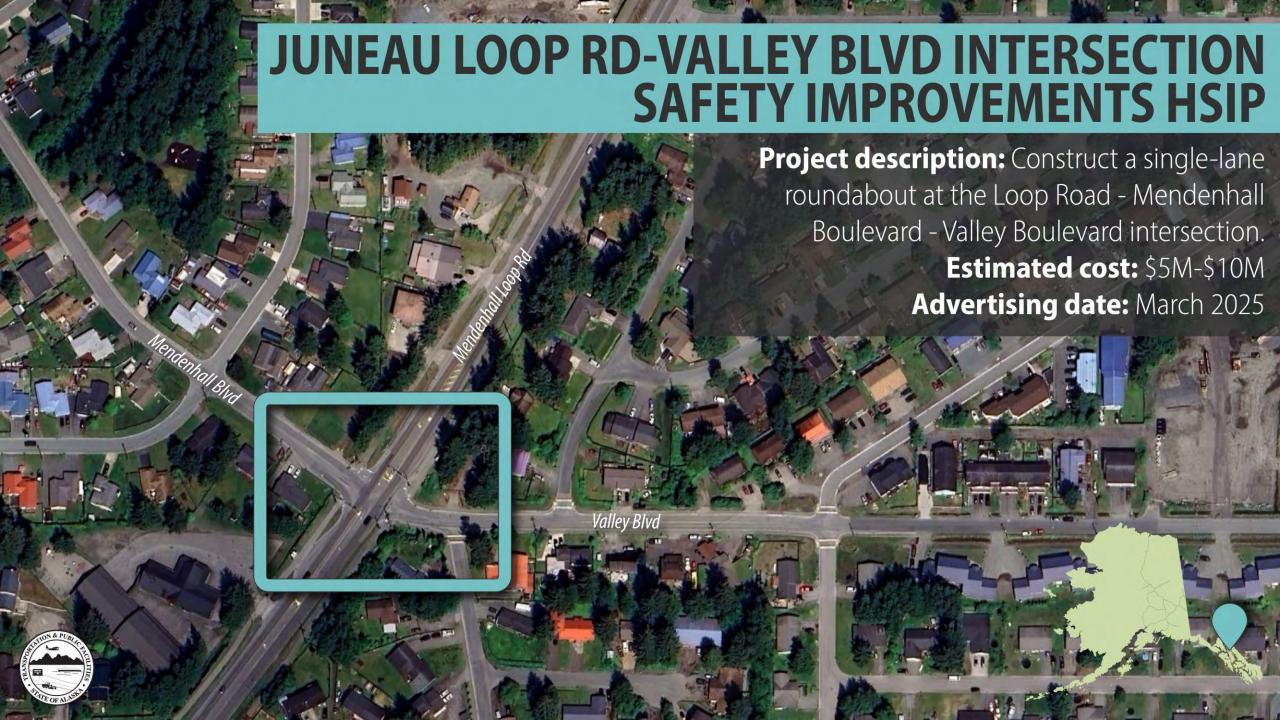




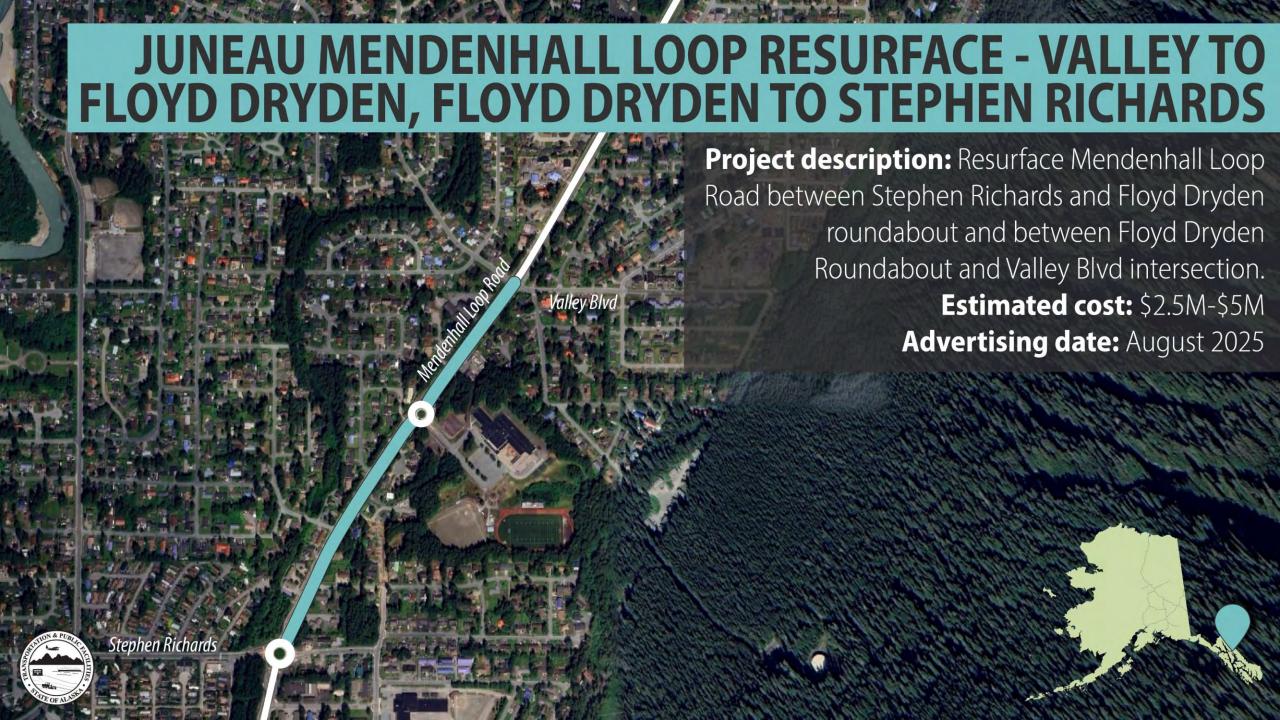




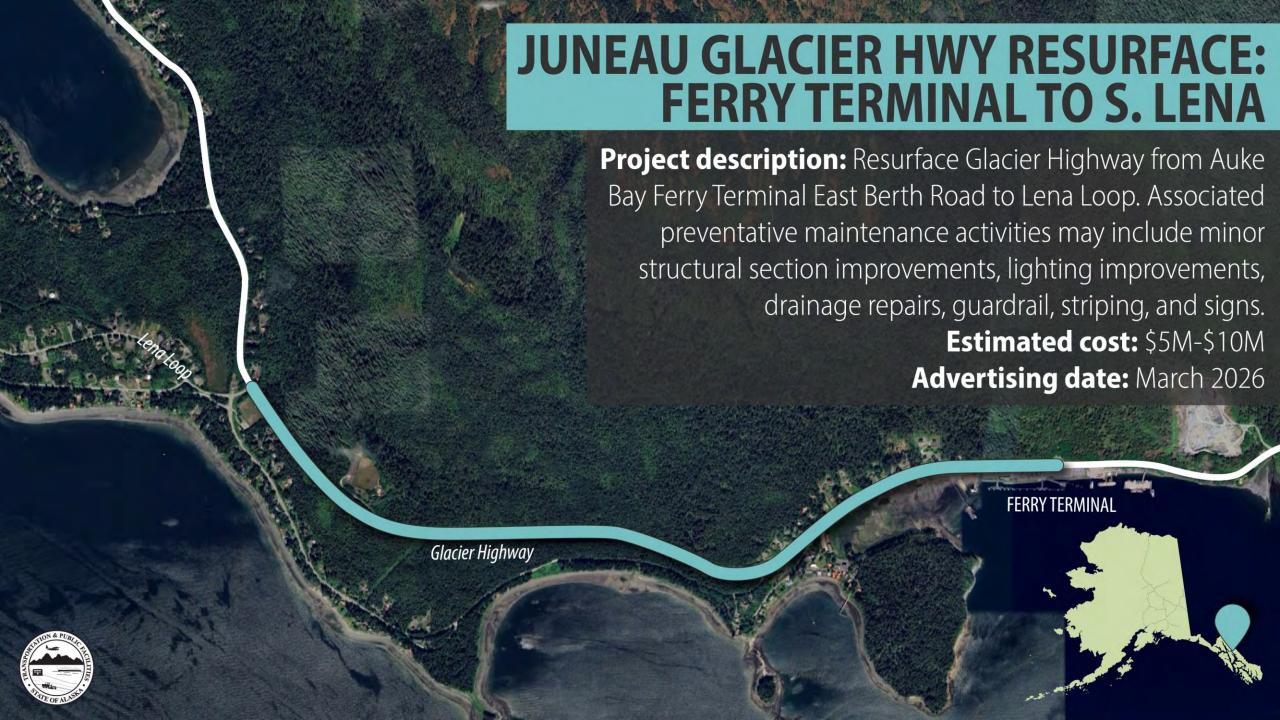
















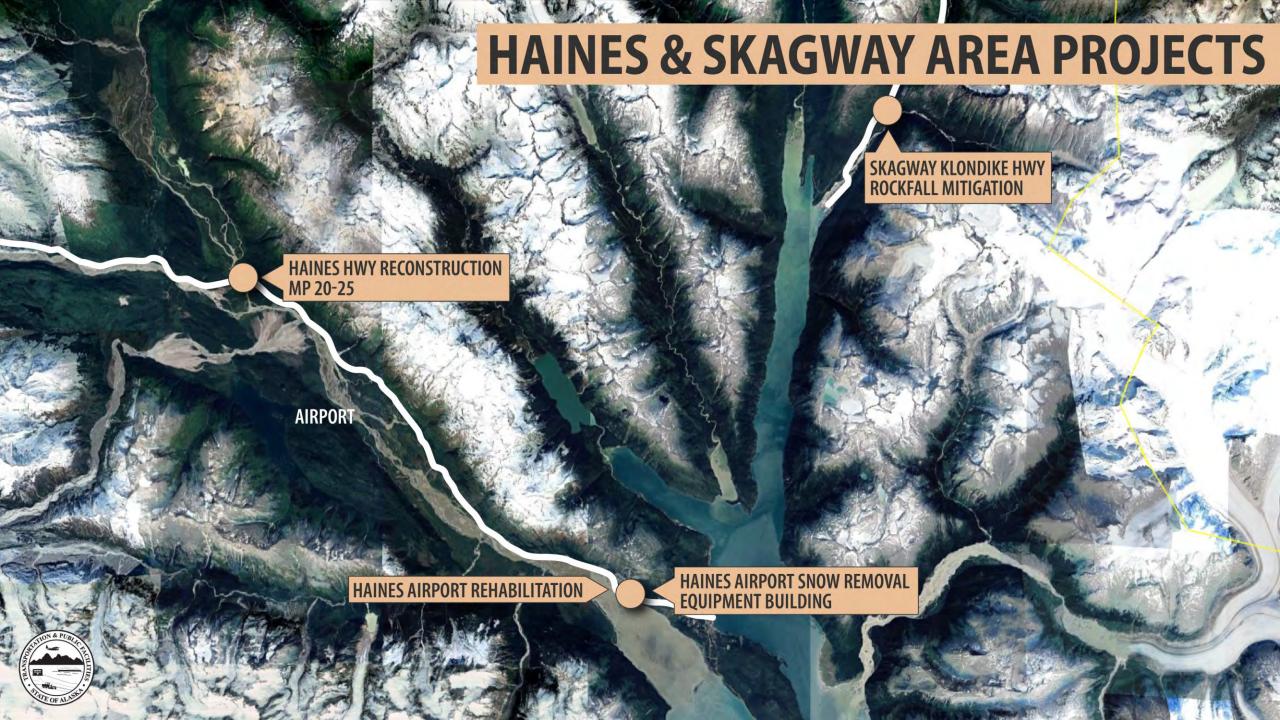


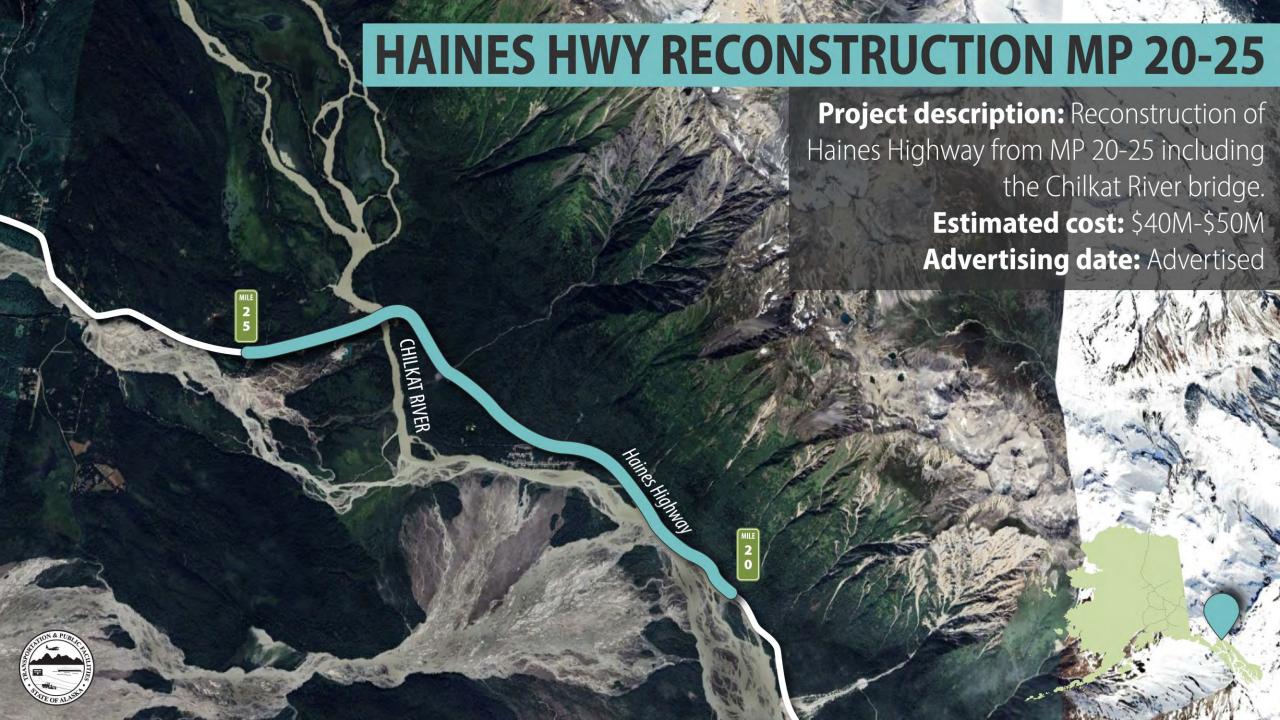






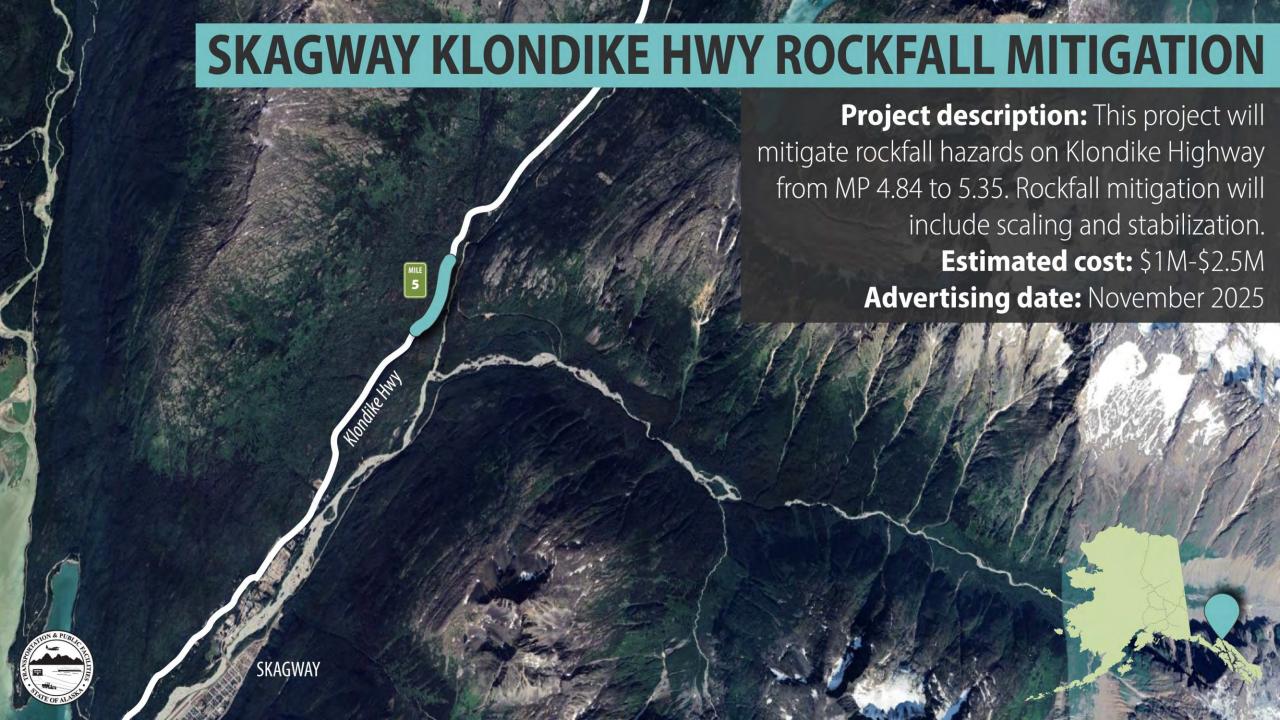


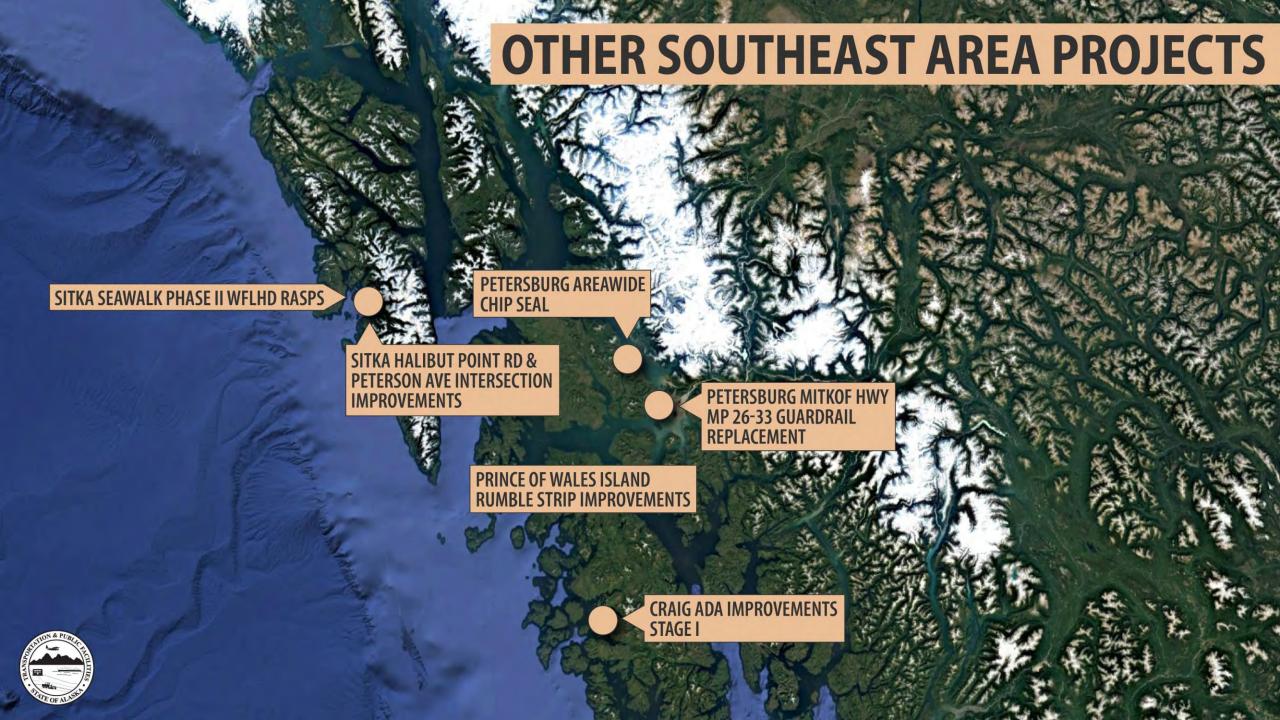


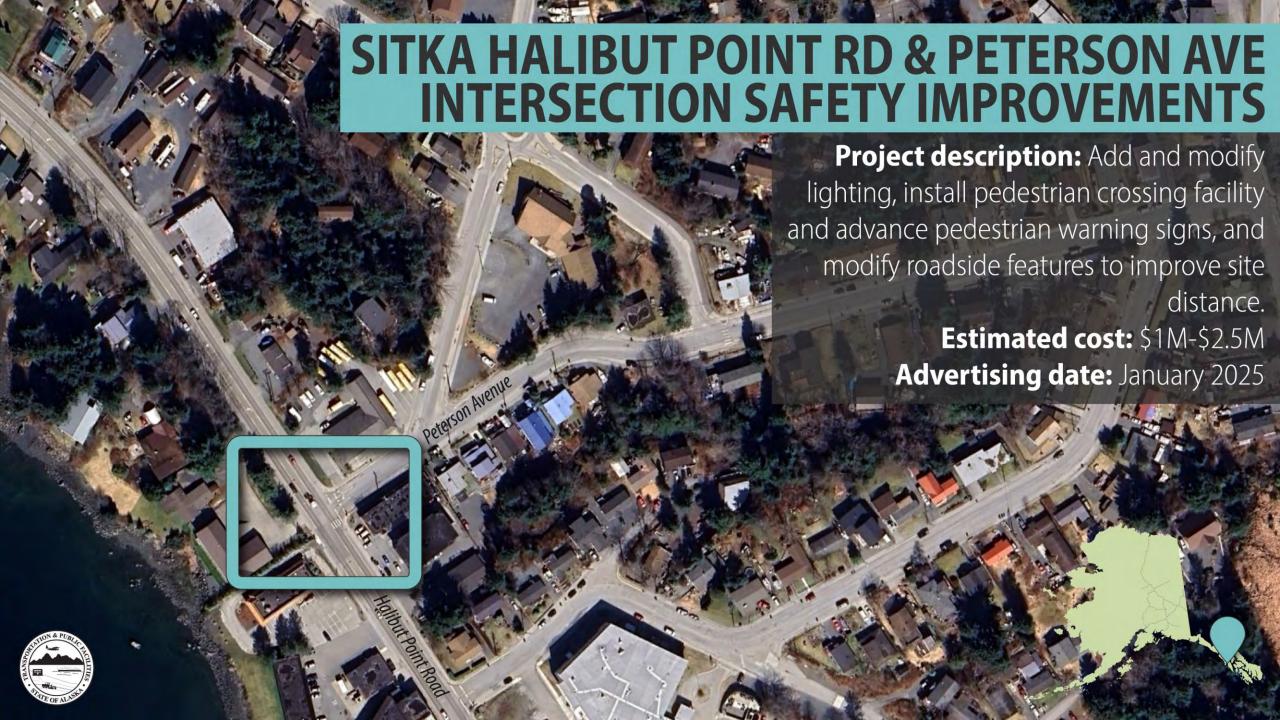




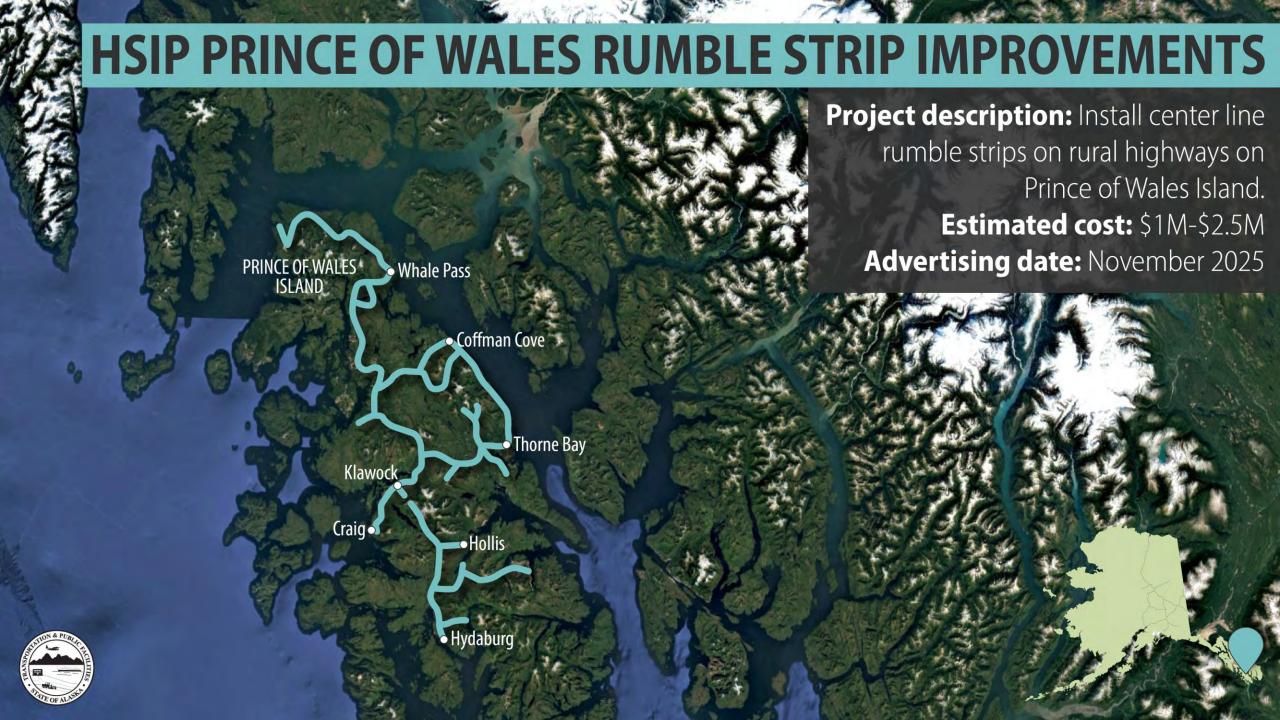














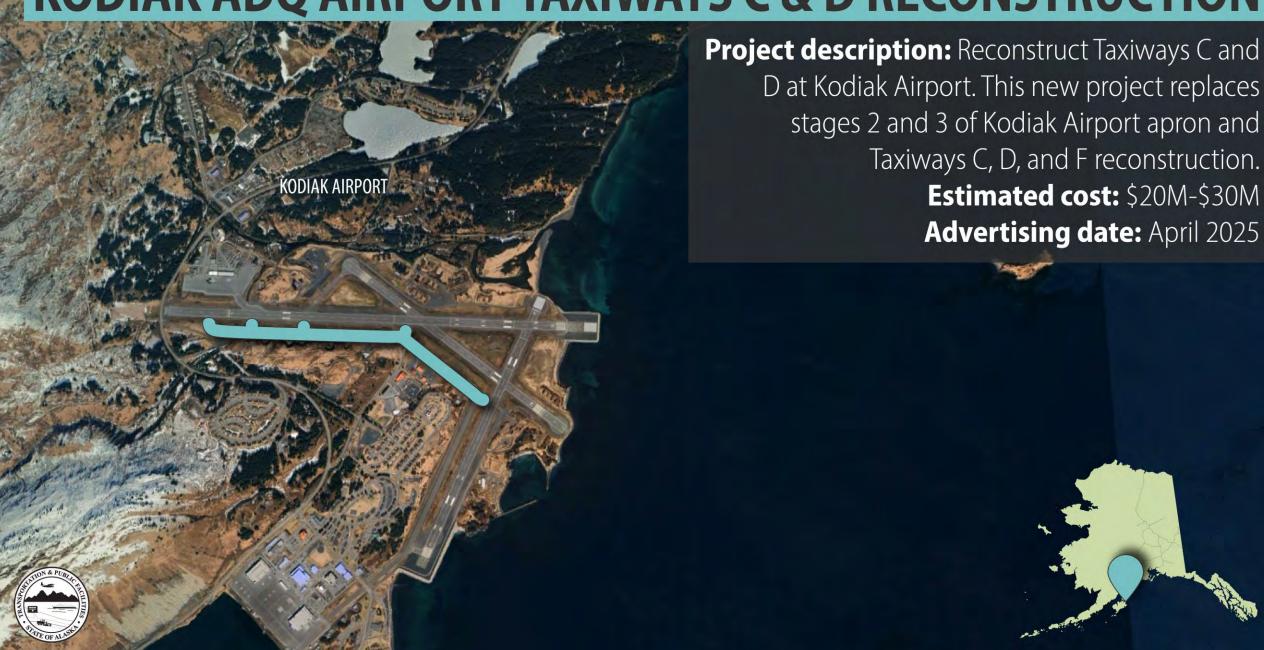












KODIAK AREAWIDE ROCKFALL TREATMENT PRESERVATION







KOKHANOK AIRPORT RESURFACING & FENCING



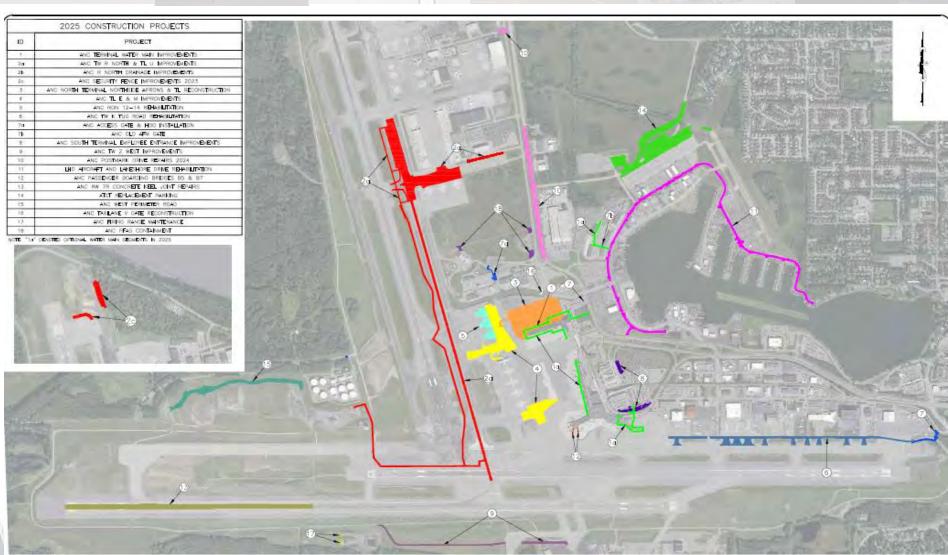


Ongoing Projects





ANC Construction 2025





2025 Projects: Horizontal

AWARDED

Federally Funded

- ANC Taxiway R North and Taxilane U Improvements
- ANC Security Fence Improvements 2023
- ANC R North Drainage Improvements
- ANC North Terminal Northside Apron &

 Taxilane Reconstruction
- ANC Terminal Water Main Improvements

State Funded

- ANC Firing Range Maintenance
- ANC Postmark Drive Repairs 2024

TO BE BID

Federally Funded

- ANC West Perimeter Road
- ANC Taxiway K Tug Road Improvements
- ANC RON 12-14 Rehabilitation
- ANC Taxilane E & M Improvements
- ANC Taxilane V Gate Reconstruction
- LHD Aircraft and Lakeshore Rehabilitation

State Funded

- ANC Runway 7R Concrete Keel Joint Repairs
- ANC Old AFM Gate
- ANC South Terminal Parking Area Improvements



Horizontal Project







2025 Projects - Vertical

AWARDED

Federally-Funded

ANC Passenger Boarding Bridge B4

TO BE BID

Federally-Funded

- ANC Passenger Boarding Bridges B6
- ANC Passenger Boarding Bridges N3 & N5
- ANC NT 110 North Terminal Combined Heat and Power Design/Build

Stated Funded

- ANC Passenger Boarding Bridges B5 & B7
- ANC Visual Paging System Design/Build



Passenger Boarding Bridge Replacements





AMHS Terminal Infrastructure Improvements



AMHS TERMINAL PROJECTS

Terminal	Funding Source		Project Description	Fiscal Year		
Prince William Sound						
Cordova	MARAD	\$7.5M	Termal Modification for Alaska Class Ferries	2026		
Chenega	MARAD	\$14.5M	Termal Modification for Alaska Class Ferries 2026			
Tatitlik	MARAD	\$12.5M	Termal Modification for Alaska Class Ferries			
Gulf of Alaska						
Yakutat	TBD	\$34.5M	Terminal Reconstruction with Float Dock	2027		
Southeast Alaska						
Auke Bay	FTA	\$17.5M	Stage 1 East Berth Dolphin Replacement 2025			
Angoon	FTA	\$5.9M	Termal Modification for Alaska Class Ferries 2026			

-- Southwest Alaska --

Chain & Float Repairs and Other Upgrades

Hydraulics / Refurbishments / Catwalks Between Dolphins

ACF Modifications/ Terminal Replacement



Skagway

Kake

Pelican

FHWA

FTA

FTA



2025

2027

2027

\$6.0M

\$5.4M

\$16.2M

FLEET CAPITAL PROJECTS



- Tazlina Addition of Crews Quarters: 2025 \$25M
- **Kennicott** Regulatory Required Emissions change out of CAT 3516 Generators to 3512's 2025 - \$13.9M
- Columbia Upgrade
 Outdated Unsupported
 Controllable Pitch Propeller
 System: 2026 \$13.7M





NEW VESSEL PLANS

Tustumena Replacement Vessel – FTA \$310M, 2025 Construction RFP

Mainliner Replacement Vessel – FTA \$10.7M for Design, 2025 RFP

Hybrid No-Low Emissions Ferry – FTA \$53.2M for Design & Construction, 2025 Commence with Design RFP









FFY2024 AIP Grant Program (Federal Portion)

AIP Program = \$213,387,998

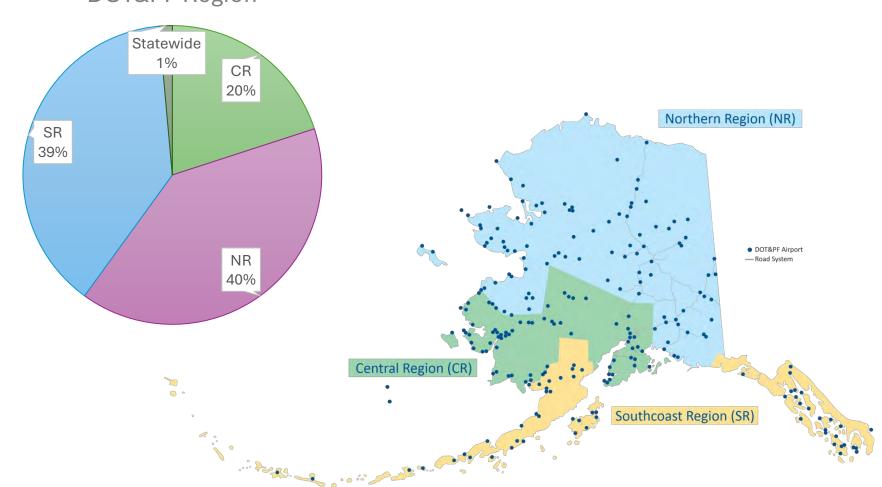
- Rural airport system = 163,623,774
- AIAS airport system = \$49,764,224

BIL (Stimulus) = \$95,607,711

- Rural airport system = \$81,150,918
- AIAS airport system = \$14,456,793

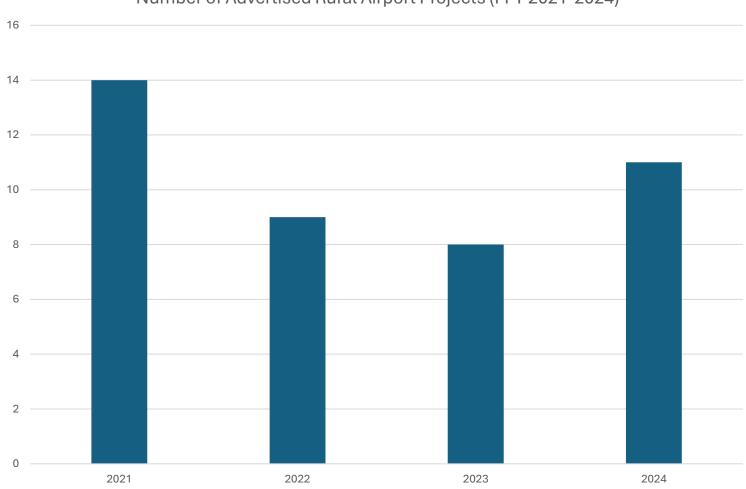
FFY24 = 70 rural airport system grants executed!

FFY24 Airport Grant Program by DOT&PF Region



FFY21-24 Rural Airport System Advertised Projects





^{*}This includes both building and airfield projects. One FFY24 project is currently advertising.

FFY24 Grant Timeline

- Record slow obligation year: obligated **84**% of the ADOT&PF program year in September.
- 11 rural construction projects advertised
- First grant executed 7/11 and last 9/23

Number of Grants Executed (Rural System Only)

Row Labels	Project Number	Grant Count	Monetary Amount
Feb	3	4%	18%
Jul	8	11%	4%
Aug	33	47%	22%
Sep	26	37%	57%
Grand Total	70		

FAA Reauthorization

- FAA 5100-142 (2/7/24)
- The State of Alaska was mentioned 68 times.
- Sponsor Request for FAA Acknowledgment for Cold Weather Early Start
 - Airport sponsors and/or their representatives use this form to request FAA acknowledgment to issue a Notice to Proceed prior to a grant award. To use this form, the airport must be in an area that experiences a shortened construction season due to climactic conditions.
 - Sec. 332 ASOS/AWOS service report dashboard
 - The FAA will make a real time public dashboard to provide the current status of weather instruments.

FAA Reauthorization

- Sec 342 Started at the FAA Alaska Aviation Safety Initiative and is now the Don Young Alaska Safety Initiative (DYASI)
 - Reduce the rate of fatal accidents by 90% by 2033
 - Install weather instruments and develop alternatives
 - Report annually to Congress on the DYASI progress
 - This section prohibits the FAA from restricting funding from being used at an airport in Alaska to rehabilitate, resurface or reconstruct the full length and width of an existing runway.

FAA Reauthorization

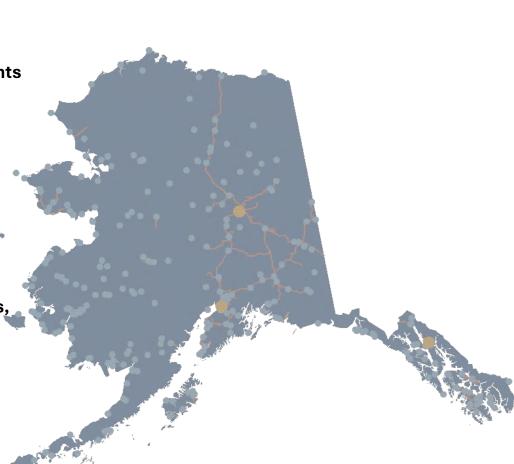


AIP Handbook review

- The AIP Handbook was adopted in 2014 and has had several changes since then that has resulted in restrictions in AIP eligibility absent a public process.
- Sec. 733 requires the FAA to update the AIP handbook to account for legislative changes to the program and for the unique circumstances in Alaska. It also requires the FAA to release a draft handbook for public comment.

Upcoming Airport Projects

- Nightmute Airport Improvements
- Buckland Airport Improvements
- Kotzebue Crosswind Runway Improvements
- Deering Airport and Access Road Improvements
- Unalaska Apron & Taxiway Pavement Rehabilitation
- Takotna Airport Improvements
- Kwigillingok Airport Improvements
- Nunam Iqua Airport Improvements
- Murphy's Pullout SPB Expansion
- Talkeetna Airport Lighting Improvements
- Haines Repaving, Drainage, and Lighting
- Bethel Taxiway, Apron, Fencing Improvements,
 & Service Road
- Kokhanok Resurfacing and Fencing
- Mountain Village SRE Building Replacement
- Seward SREB and Sand Storage Building
- Seward Airport Improvements
- Noatak Airport Relocation
- Tununak Airport Rehabilitation
- Ketchikan Seaplane Ramp Relocation and Floats Removal





The Airport Capital
Improvement Program (ACIP)
serves as the primary planning
tool for systematically
identifying, prioritizing, and
assigning funds to critical airport
development and associated
capital needs for the National

Airspace System (NAS).

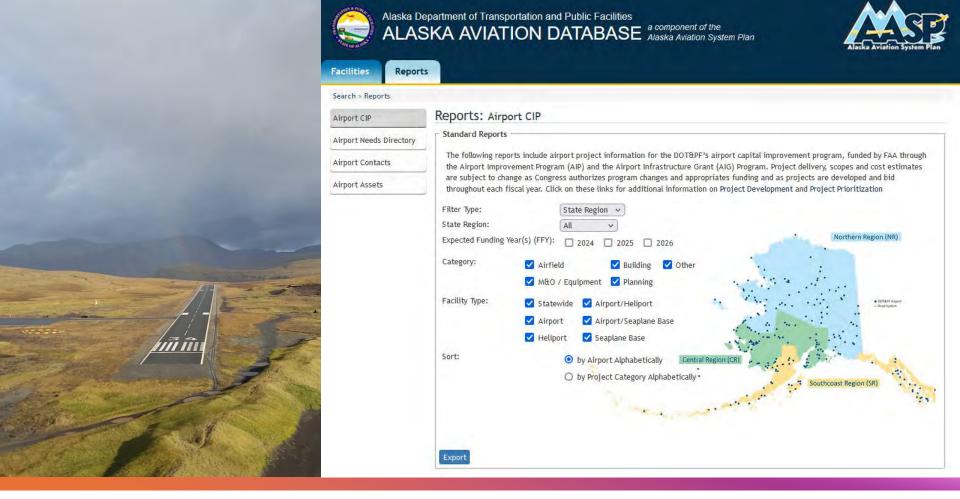
Fiscally Constrained
Plan

Federally Eligible Work

Includes airfield and building projects, capital maintenance, and planning

Changes over time to accommodate project timelines and priorities







Airport Capital Improvement Program (ACIP)

www.alaskaasp.com > Reports > ACIP
The ACIP Report (FFY24-26) is publicly available; FFY27 available soon!



Challenges





Equipment Needs

- Estimated cost of all equipment currently needed = \$67M
 - Immediate = estimated \$7.7M immediate,
 - Near future = \$48.3M
 - Mid-term = \$6.8M
 - Long term = \$4.6M
- To prevent backlog and keep equipment in good operating condition, acquisition needs are estimated at \$25M annually.

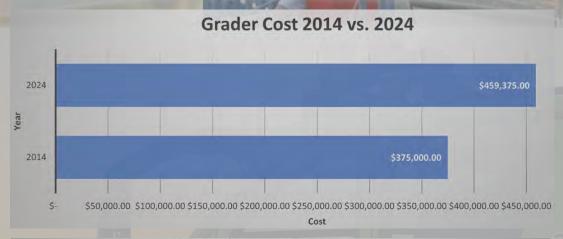
Increased Cost of Equipment/Materials

Cost of Grader

• 2014: \$375,000

• 2024: \$459,375

A 22% increase



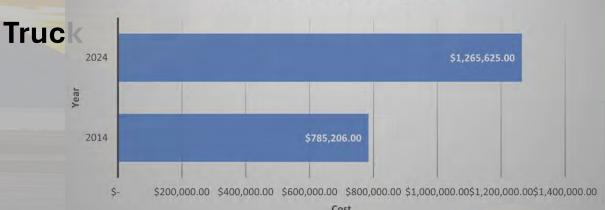
ARFF Cost 2014 vs. 2024

Cost of ARFF

• 2014: \$785,206

• 2024: \$1,265,625

A 61% increase



Cost per Metric Ton of Crushed Aggregate

• 2010: \$55

• 2021: \$93 --> This is a **69**% increase!



AIRPORT ENVIRONMENT

Challenges

- Warming climate impacting coastal erosion, precipitation patterns, airport surface stability
- Increase in freezing rain / ice events
- Equipment utilization is more complicated
- Higher aircraft performance requirements

Solutions

- Chemical / deicing programs
- Weather prediction / RWS utilization (road weather stations)
- Surface stabilization solutions





AIRPORT WORKFORCE



Challenges

- Attracting equipment operators, mechanics, and electricians
- Airport training needs
- Increased airline operational hours (24/7 and/or overtime needed)
- Aviation project delivery

Solutions

- Broad recruitment efforts
- Flexible work schedule options (1x1, 2x2)
- Mission-critical incentive pay (MCIP)
- Contracting for services

REMOTE AIRPORT LIGHTING



Challenges

- Aging lighting systems that are extremely expensive to maintain / replace
- Harsh arctic climate
- Damage & vandalism

Solutions

- Focused airport lighting program
- Electrical training for current staff
- Emergency lighting systems
- Training / Public outreach / communication efforts