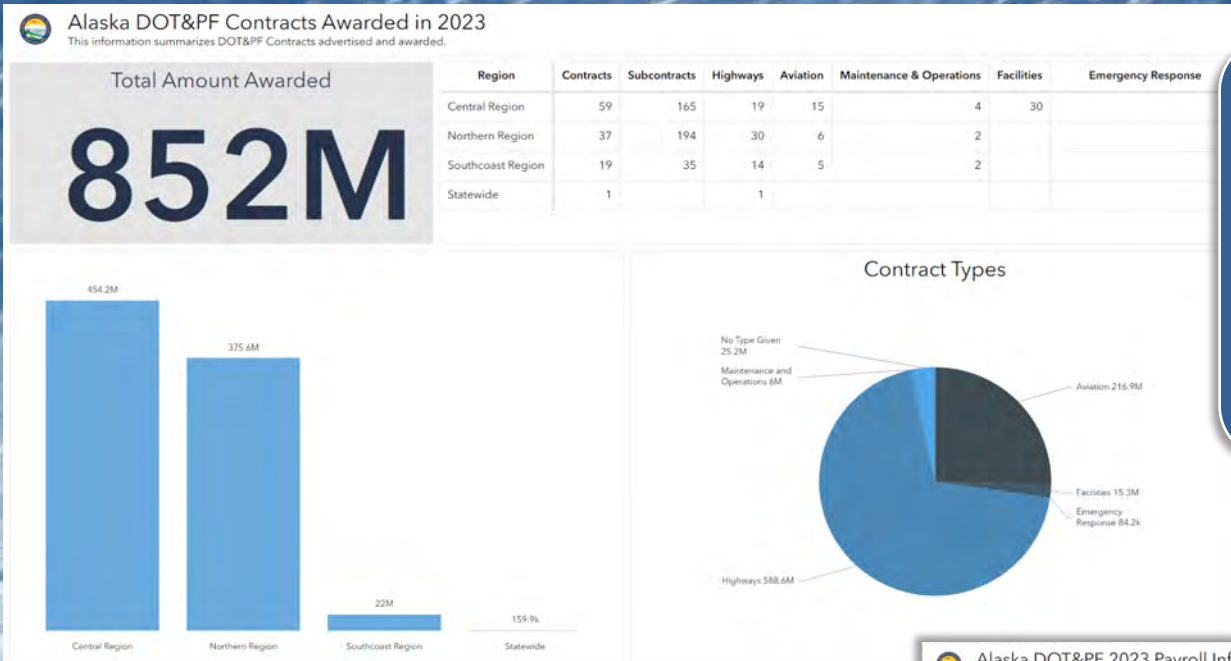




Alaska Department of Transportation & Public Facilities Southeast Conference Transportation Update

Katherine Keith, PMP, PMI-ACP
Deputy Commissioner
February 7th, 2024

2023 Construction Year in Review



116 Contracts
\$852 Million Awarded
51 Prime Contractors
181 Subcontractors



Front Line Challenges



September 2022

- Typhoon Merbok Emergency Repairs

January 2023

- Seward Highway: Ice Fall diversion
- Tok Cutoff Road closed: avalanche

May 2023

- Funny River Road MP 8 washout
- Taylor Highway Emergency Flooding Repairs
- Eagle Mission Road Emergency Flooding Repairs
- Richardson Hwy MP 330 Emergency Flooding Repairs
- Nome Kougarok Road Emergency Flooding Repairs
- Russian Mission Airport Emergency Flooding Repairs
- Stevens Village Apt Rd Emergency Flooding Repairs
- Glenn Hwy MP 186-188 Emergency Flooding
- Dalton Highway MP 404 Emergency Repairs

June 2023

- Dalton Highway MP 404 Emergency Repairs continue
- Chitina O'Brien Creek Emergency Flooding Repairs
- Dalton Highway Koyukuk River #1 Bridge Emergency Repairs
- Elliott Highway MP 85.9 closure: failed culvert & erosion repair

July 2023

- Seward Hwy: partnered w/agencies to free sheep caught in rockfall mesh

August 2023

- Mendenhall River Emergency Flooding Repairs

September 2023

- Glacier Highway Rockfall

November 2023

- Wrangell: Zimovia Highway Landslide
- Southcentral widespread snowstorm/rain/wind

December 2023

- Richardson Highway at Thompson Pass and MP 182-200 closed: avalanche
- Valdez/Glenallen: Richardson Hwy closed from milepost 12 to 65: numerous avalanches
- Klondike Hwy closed: heavy snowfall, inoperable plows
- Seward Highway Mileposts MP 36-40 closed: Avalanche
- Haines Highway closed: Rockfall

Realigning Teams: for Project Delivery

REALIGNING TEAMS

to be modern, agile and resilient



PROGRAM MANAGEMENT AND ADMINISTRATION

Capitalizing on the evolving landscape of transportation funding

Aligning federal fund management with state budget fiscal management

Development team matched with Admin and Grants teams

PROJECT DELIVERY

Bringing together Design and Engineering with Statewide Planning

Enhance project delivery by integrating entire project lifecycle

Coordinate project lifecycle for effective delivery and oversight

DATA MODERNIZATION AND INNOVATION OFFICE

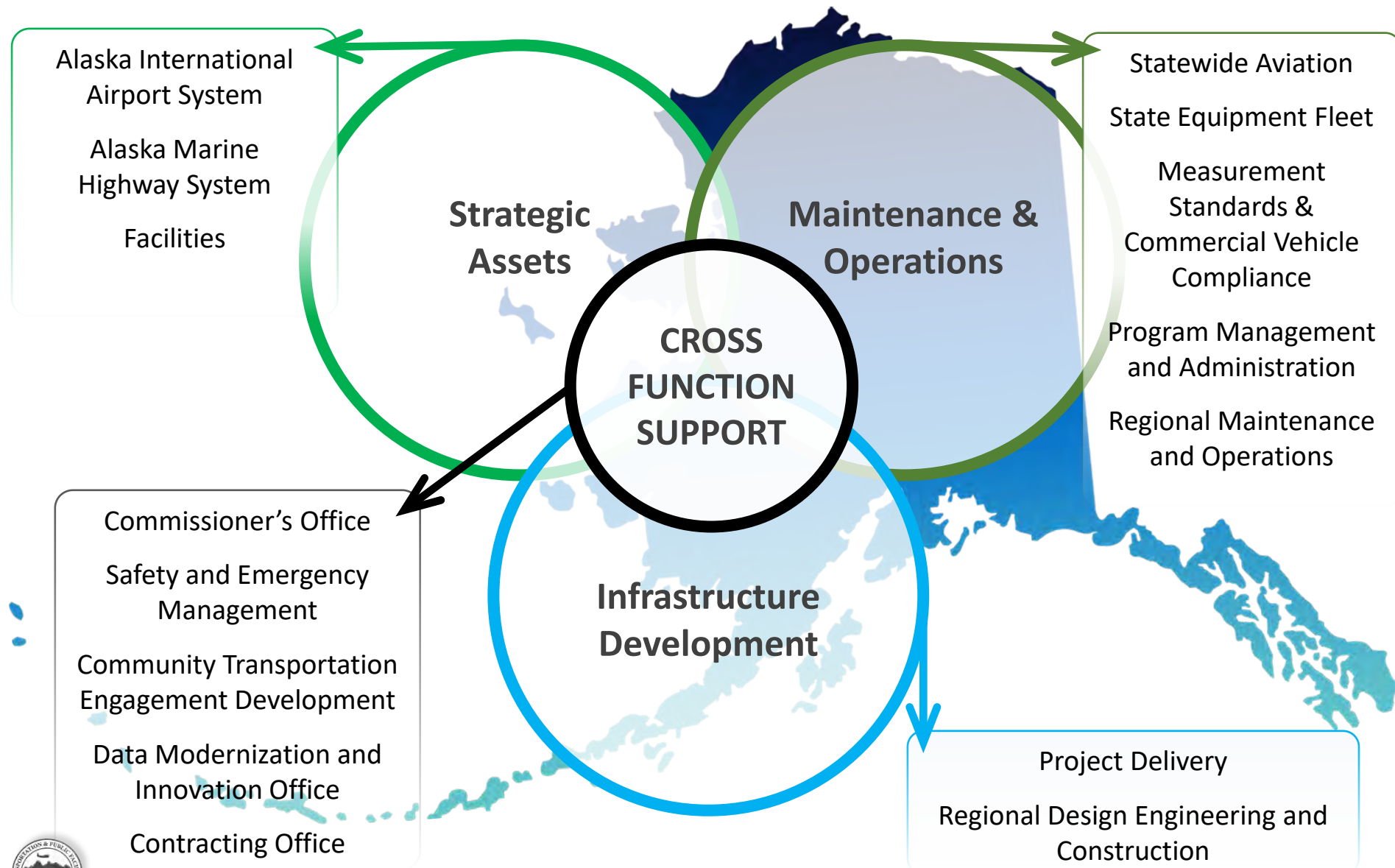
Assembling teams to boost data-driven decisions

Strengthen data-driven safety and strategic investment

Align resources to enhance data capabilities and innovations



By Land, By Air, By Sea – It Takes a Team



Modern, Resilient, Agile: DOT&PF and the STIP

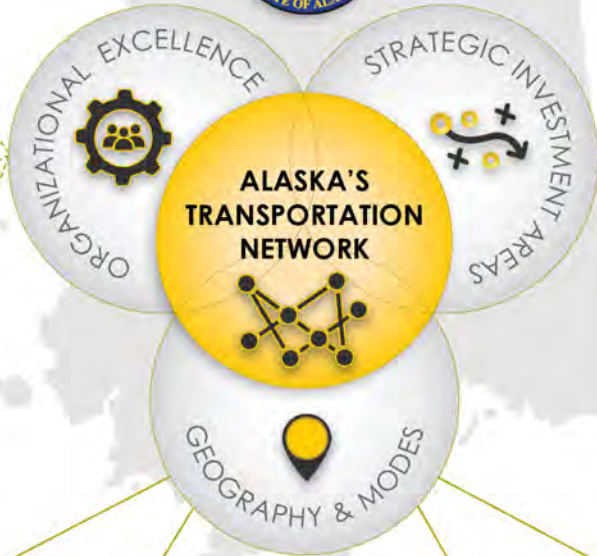
2024-2027 STIP: Opportunities and Challenges



MODERN: We use new ways of working to recruit, solve problems, share information with the public, and efficiently deliver transportation improvements.

RESILIENT: We build cross-functional teams, across regional boundaries, to deliver results faster. Our teams share information, collaborate, innovate to solve problems, respond to emergencies, and deliver projects.

AGILE: We partner with communities, private sector partners and other agencies to build transportation infrastructure for Alaskans. We leverage technology and implement alternative project delivery to accomplish our mission.



SAFETY: Safe and secure transportation system prevents crashes, injuries and deaths.

ECONOMIC VITALITY: Healthy and thriving multi-modal system that efficiently moves people, fuel, and freight, reducing costs and enhancing economic development.

STATE OF GOOD REPAIR: Reliable transportation system with seamless access across modes.

RESILIENCY: Agile and resilient transportation system that protects communities from extreme weather climate trends and natural disasters, which is able to adapt and recover when disruptions occur.

SUSTAINABILITY: Modern and sustainable transportation system that reduces the cost of energy, saves Alaskans money, and provides for a cleaner environment and reduced greenhouse gas emissions.

RURAL

- Roads, Ice Roads, Winter Trails, Pedestrian / Bicycle
- Rural Airports, AAM
- AMHS, Barge Services

URBAN

- Highways
- International Airports
- Pedestrian / Bicycle, Trails

SURFACE CORRIDORS

- Highways
- Pedestrian / Bicycle, Trails
- Multi-modal Connectivity

WATERWAYS

- AMHS, Barge Services
- Floatplane Docks
- Ports & Harbors



 The STIP Team



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

2024-2027

**Statewide Transportation Improvement Program
(STIP)**

Bridging the Gap with Competitive Grants

Fund Sources

2024

FHWA Formula Funds

\$825.4M

Congressionally Delegated Spending;
Emergency Relief; Federal Land Access
Program

\$40.8M

Discretionary Grants

\$531.2M

Since authorization of Infrastructure Investment and Jobs Act (IIJA), DOT&PF was awarded \$531.2M in discretionary grants.

Partnerships

- Alaska Municipal League (AML)
- Local Government
- Other State Departments
- Government of Yukon

85 Submitted
\$3,668.5M

10 applications
under development

20 Successful
\$531.2M

48 Rejected
\$2,718.0M

17 Pending
\$288.1M



Data Modernization and Innovation Office

Data driven approach to improving safety and innovating investment in Alaska

Bridge Scour Monitoring and Retrofit Program

Initial monitoring and temporary perform activities required to meet the National Bridge Inspection Standards (NBIS) for scour, implement the DOT&PF Plan of Action for scour-critical bridges, coordinate with local agencies on NBIS compliance, and design and construct physical scour countermeasures at State bridges identified as scour critical National Bridge Inspection Standards

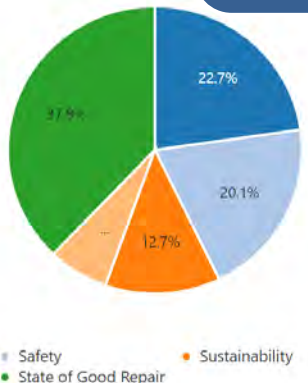
	2024	2025	2026	2027	2024-2027	After 2027	Total Project Estimate
Federal	\$2,181,920	\$2,181,920	\$2,181,920	\$2,181,920	\$8,727,680	\$0	\$9,544,020
Match	\$216,585	\$216,585	\$216,585	\$216,585	\$866,340	\$0	\$0
TOTAL	\$2,398,505	\$2,398,505	\$2,398,505	\$2,398,505	\$9,594,020	\$0	\$9,594,020

	2024	2025	2026	2027	2024-27 Federal Funds	2024-27 Non-Federal Funds
Multiple (P0)	\$2,398,505	\$2,398,505	\$2,398,505	\$2,398,505	% Federal 0.0%	Total \$9,727,680
Match (P1)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0
Design (P2)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0
ROW (P3)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0
Construct (P4)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0
Utilities (P7)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0
Street (P8)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0
Planning (P9)	\$0	\$0	\$0	\$0	% Match 0.0%	Total \$0

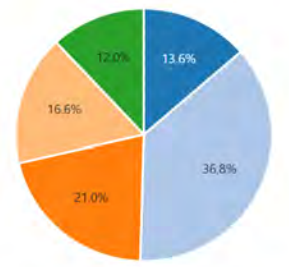
STIP 2024-2027 Funding			
National Highway System	Safety Program	Bridge Program	Resiliency
NHPP \$2,681,920	SA \$0	HP OSB \$0	PROTECT \$0

STIP #	0576
Location	Alaska-wide: Bridges
DOT Region	Alaska-wide
Borough or Census Area	Alaska-wide: Bridges
Corridor	
Primary Funding	STIP - Surface Transportation Block Grant, MPP - National Highway Performance Program
Construction Year(s)	
Strategic Investment Area	
State of Good Repair	
Geographic Area	Work Type
Utilities	Maintenance and Operation

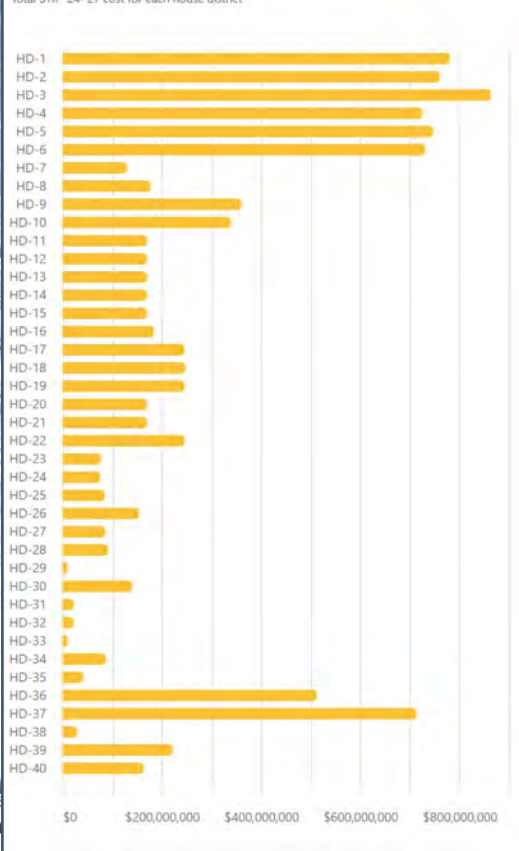
Strategic Investment Area
Total STIP '24-'27 cost for each strategic investment area



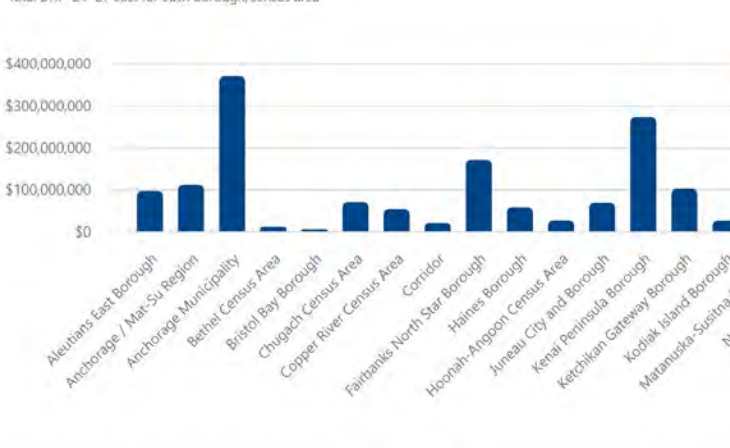
DOT&PF Region
Total STIP '24-'27 cost for each DOT&PF region



House District
Total STIP '24-'27 cost for each house district



Borough/Census Area
Total STIP '24-'27 cost for each borough/census area



Marine Highways
Alaska-wide
Central Region
Northern Region
Southcoast Region

Modernizing Project Delivery

Capital Improvements Dashboard v1

This dashboard summarizes State Transportation Improvement Program (STIP) project information compiled by Timmons Group. Multiple data sources have been combined to produce the project information presented on this dashboard.

Note: This is a prototype dashboard. The project data displayed on this map will continue to be enriched and refined.

Filter by DOT Region
Show All

Filter by Strategic Investment Area
Show All

Search by Mappable Need ID
Show All

STIP Projects

304

Total Estimated Cost: \$ 6,996,590,415

Project List

- Richardson Highway Milepost 148-173 Rehabilitation (2119)
State of Good Repair
- Haines Highway Milepost 3-25 Chilkat Bridge Reconstruction (2152)
Safety
- Glenn Highway Milepost 53-56 Reconstruction and Moose Creek Bridge Replacement (2320)
Safety
- Otmeloi Way Reconstruction (2436)
Safety
- Seward Meridian Road Improvements (2481)
Safety
- Wasilla to Fishhook Main Street Rehabilitation (2503)
Safety
- Seward Highway Milepost 25.5-37 Rehabilitation (2620)
Safety
- Sterling Highway Milepost 157-169 Reconstruction Anchor Point To Baycrest Hill (2670)
Safety
- Steese Highway Milepost 128 Crooked Creek Bridge Replacement (3648)
State of Good Repair
- University Avenue Widening (3821)
Safety
- Airport Way and Cushman Street Intersection Reconstruction (3843)
Safety
- Anton Anderson Memorial (Whittier) Tunnel Maintenance and Operations (11439)
State of Good Repair
- South Tongass Highway Deermount to Saxman Reconstruction (21114)
State of Good Repair

STIP Project 2119
Richardson Highway Milepost 148-173 Rehabilitation
Need ID: 2119

Description
Reconstruct the Richardson Highway between MP 148 and 173, and replace bridge #0576. The project will include bridge work, roadside hardware, drainage improvements, and utility relocations. The next stage of reconstruction is 167-173. [Learn more...](#) (Project Link Coming Soon!)

General Information
STIP Year: 2024-2027
Strategic Investment Area: State of Good Repair
Construction Years: 2024
Project Phase: Not Listed
Mapped: Yes

Project Budget and Cost
Sponsor: Not Listed
Funding Source: Not Listed
Sub Fund: Not Listed
Estimated Cost: \$40,250,000
Actual Cost: Not Listed
Estimated Start Date: Not Listed
Estimated End Date: Not Listed
Actual Start Date: Not Listed
Actual End Date: Not Listed

Project Geography
Project Extent: Local
Landscapes: Not Listed
Location: Fairbanks
Region: DOT Region
Borough: House
Senate:

Alaska Department of Transportation and Public Facilities
PROCUREMENT AND CONTRACTING

Travel Business News and Social Projects About Us

You are here: DOT RFP - Procurement and Contracting - RFP Tentative Advertising Schedule

RFPs for Construction-Related Professional Service Agreements Tentative Advertising Schedule

As of 01/26/2024 12:39 PM AKST
Click here to generate an Excel file of the report below.

Region: All

Region-Wide Guardrail and Pavement Stripping Inventory and Analysis
RFP #: 25243035
Southcoast Region, Various
Engineering Services
Federal Project #: N/A Anticipate Advertising In: January 2024
State Project #: 25243035 Anticipated Period of Performance:
Manager: Nathan A Purves Engineer's Estimate Range:
Phone: (907) 465-4521 Between \$250,000 and \$500,000

Term Agreement for Aerial Mapping Utilizing Manned Aircrafts 2024
RFP #: 25-24-1-023
Northern Region, Various
Professional services for survey grade Structure-from-Motion (SfM) Photogrammetry a... more >
Federal Project #: N/A Anticipate Advertising In: January 2024
State Project #: 25-24-1-023 Anticipated Period of Performance:
Approximately 3 years post Award, with one 1-yr renewal option and one final year extension.
Manager: Barbara L Tanner Engineer's Estimate Range: Greater than \$1,000,000
Phone: (907) 451-3057

Modernizing internal process to provide timely, accurate and transparent communication with the public

2024

10

Highway Safety

Fatalities

2023 (preliminary): 53 fatalities in 49 crashes

2022 (final): 82 fatalities in 72 crashes

2021 (final): 68 fatalities in 60 crashes

2020 (final): 62 fatalities in 51 fatal crashes

2019 (final): 65 fatalities in 60 fatal crashes

Alcohol impaired – **19%**

Unbelted – **20%**

Speeding related – **38%**

Non-motorist – **18%** of all fatalities

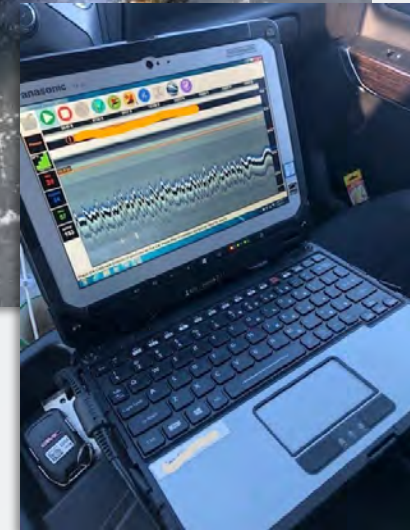
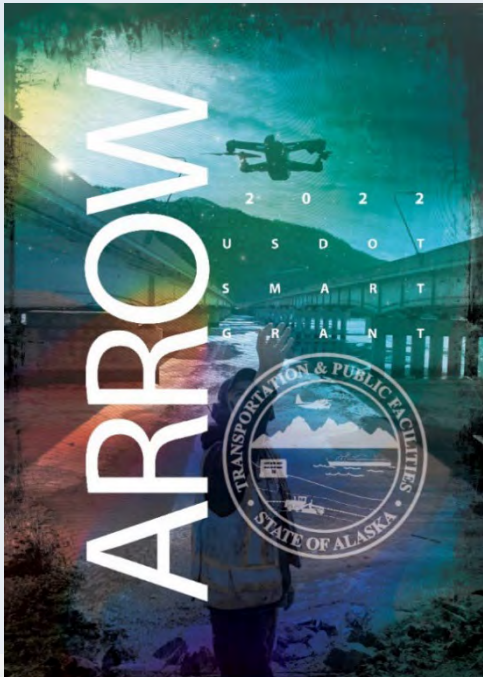


- Developing Complete Street Policy
- Joining Allies in Action for National Road Safety Strategy
- Conducting Road Safety Audits – Rural and Urban
- Addressing speed setting policy to address high pedestrian crashes
- Establishing contracts to address pedestrian pathways in severe winter events

- 2023-2027 Strategic Highway Safety Plan approved by FHWA
- Organizing the plan around the Safe Systems Approach:
 - Safe Road Users
 - Safe Vehicles
 - Safe Roads & Safe Speeds
 - Post-Crash Care

Advancing Opportunity

- Advanced Air Mobility (AAM)
- Ice Roads, Winter trails, Frontier Roads
- M11 Marine Highway Route
- Regional and Metropolitan Planning Organizations



Thank You. Questions?



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907-720-0610

