



# **Dalton Highway MP403.5 Washout**









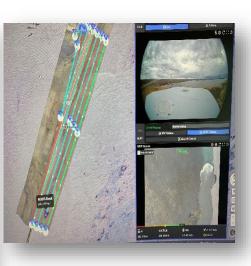








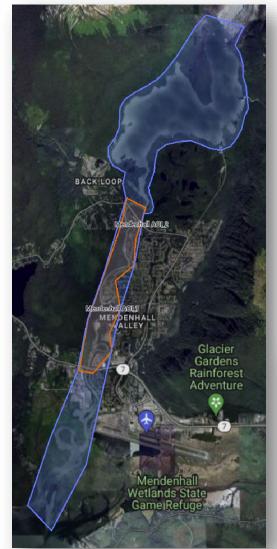


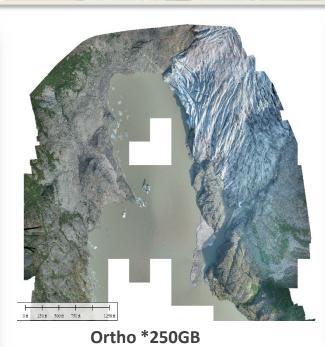






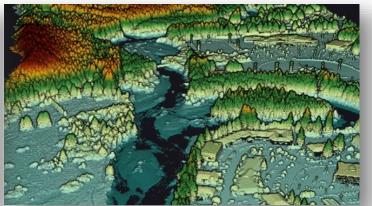
# Mendenhall Glacier Outburst















Juneau AOI Imagery LiDAR Aircraft

# Wrangell Zimovia MP 11.2 Landslide



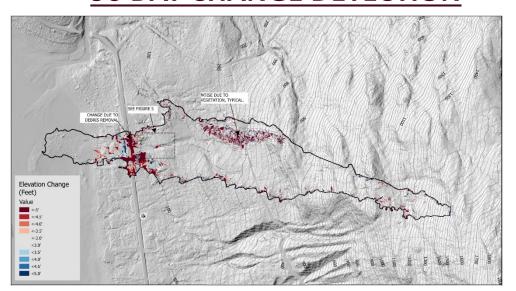






11/22/2023 - 02/20/2024

#### 90 DAY CHANGE DETECTION



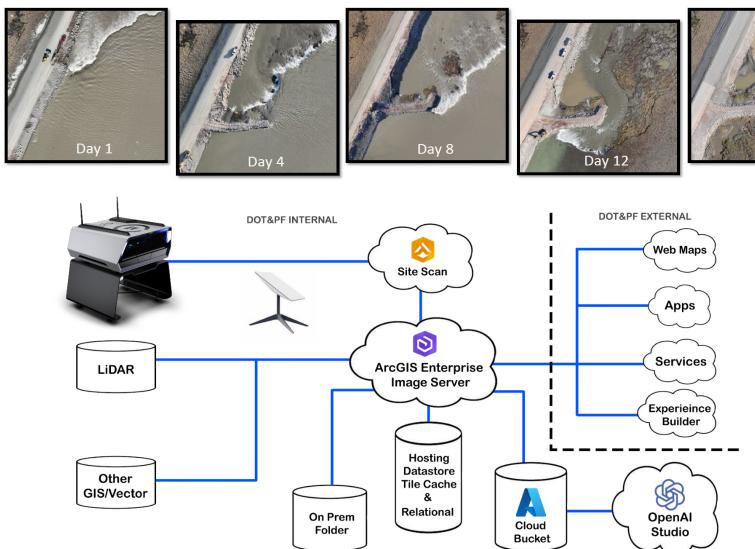
#### **65** REMOTE SCANS

			Mission
		☆	20240220
		☆	20240215 Full
		☆	20240207 Full
•	Ē	☆	20240201 Full
		☆	20240201 No GCP
		☆	2024130 Flight 5
		☆	20240111 Full
		☆	20231222 Road PM (Dock Start)
		☆	20231221 Road AM
		☆	20231220 400' GCP Test
		☆	20231220 Road AM
		☆	20231220 Road PM
		☆	20231218 Road AM
~		☆	20231218 Road PM
		☆	20231218 Slide North
		☆	20231217
		☆	20231217 Road PM
		☆	20231216 Road AM
		☆	20231216 Road PM
		☆	20231215 Road 1200 PM





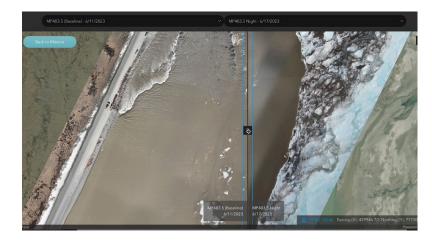
### Remote Data Workflows Into GIS





15Tb
PER YEAR









# **Fatal Traffic Accident Reconstruction**













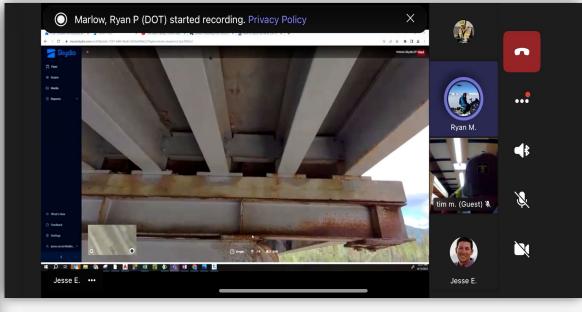


# Koyukuk River Bridge Ice Damage













### Search & Rescue



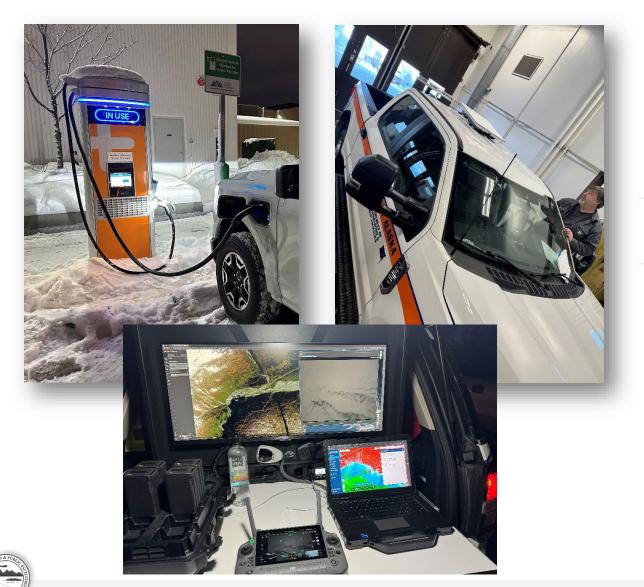








# **Modernizing Fleet Vehicles**











# **SMART Project Stage 1 Award**

**Alaska Rural Remote Operations Workplan** 

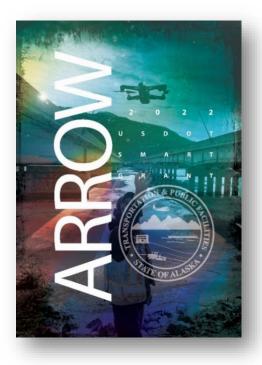
Project Name: ARROW

Project Start: July 15, 2023
Project Delivery: 18 Months

**Recipient:** Alaska Department of Transportation & Public Facilities

Funding: \$1,944,563
Project Type: UAS

**Project Summary:** Use drone technology to conduct infrastructure inspections and gather situational awareness data essential to Rural Alaska's way of life on snow, ice, and overland trails, partnering with Alaska Native and Rural Villages.

























# PROJECT: ARROW





#### **SCHEDULED, EVENT TRIGGERED & REMOTE**

# **DRONE DOCKS**

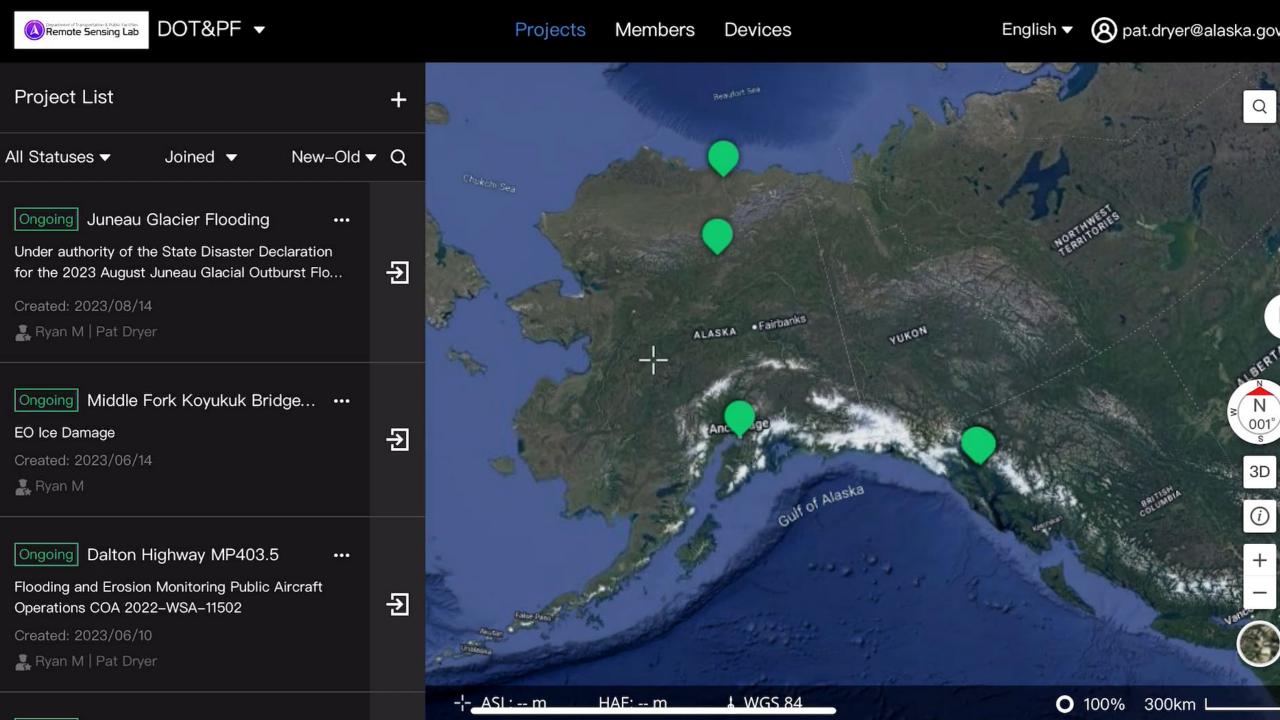


AVALANCHE AREA NEXT 1.5 MILES









# Rapid Compact Deployable & Emergency Communications

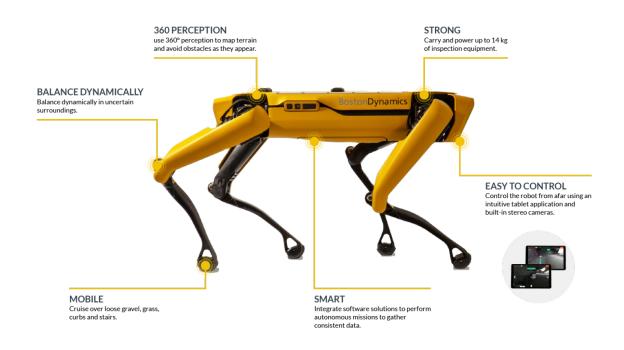






### Wildlife Hazard Reduction













#### **UAS Resources**



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