



Alaska Department of Transportation & Public Facilities

Alaska Forum on Autonomous Vehicles

Marc Luiken, Commissioner

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Keep Alaska Moving through service and infrastructure

Alaska DOT&PF's Mission



Keep Alaska Moving
through service and infrastructure

Central Region Construction staff oversees the Dowling Roundabout Resurfacing Project in Anchorage. Fall 2017. Photo by Jonathan Tymick, Alaska DOT&PF

DOT&PF impacts nearly every Alaskan, every day.

5,629 center line miles
11,766 lane miles of
roads / highways



836
Bridges



240 State Airports;
2 International Airports



10 Ferries serving
35 Communities



731
Public Facilities



~\$8.1B
in Transportation
Assets



Results Based Alignment: 4 Core Services

PRESERVE ALASKA'S TRANSPORTATION INFRASTRUCTURE

Projects and activities that extend the life of existing infrastructure

Infrastructure Repair
Bridge Preservation
Vehicle Management
Vessel/Terminal Preservation
Project Delivery
Brush Cutting

OPERATE ALASKA'S TRANSPORTATION INFRASTRUCTURE

Support safe and efficient movement on existing infrastructure

Snow & Ice Management
Operate Certificated Airports
Signals
Intelligent Transportation Services
Traffic Operations

MODERNIZE ALASKA'S TRANSPORTATION INFRASTRUCTURE

Improve infrastructure to meet current standards and capacity

Project Delivery

PROVIDE TRANSPORTATION SERVICES

Services that move people and goods on existing infrastructure

Operating Ferries on Routes
Operating Ferry Terminals
Operate Alaska International Airport System
Operating Tunnel



Alaska Iways

- **511 Traveler Information off site link icon**
- **AMHS Ferry Tracking**
- **Alaska Land Mobile Radio**
- **Automated Vehicle Identification (AVI) E-Screening**
- **Bridge Scour Detection System**
- **Portable Message Boards**
- **Research Projects**
- **Road Weather Information System off site link icon**
- **Thompson Pass Smart Snowblower & Snowplow**
- **Traffic Signal Electronics Modernization off site link icon**

background image courtesy CLEPA, LLC

Autonomous Transportation in Alaska



NBA star LeBron James is featured in an Intel ad about self-driving cars.
Courtesy of Intel



Mercedes Future Bus
Courtesy TechRepublic.com



A row of Google self-driving cars
Courtesy Time.com

Background image courtesy CLEPA.eu



Thank You

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Glenn Highway. Photo by James Boyle, Alaska DOT&PF