

# Alaska Department of Transportation & Public Facilities

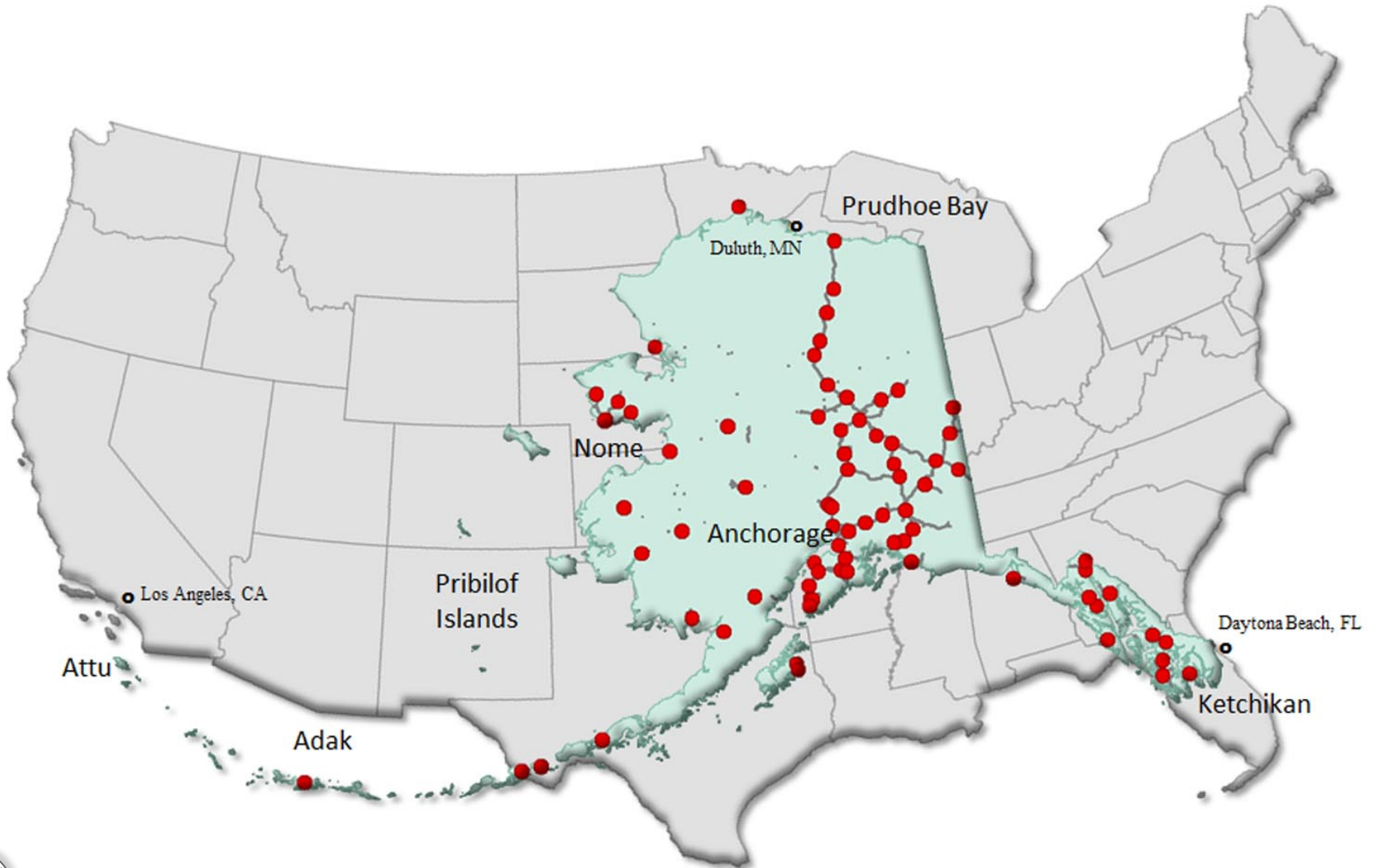
## Senate Finance Subcommittee Roads & Highways

Dom Pannone, Administrative Services Director  
Rob Carpenter, Deputy Commissioner

February 26, 2020

Our mission is to ***Keep Alaska Moving*** through service and infrastructure.

# Vast and Geographically Diverse Responsibility



# Highways

## CHALLENGES

Unrealizable Motor Fuel  
Tax Receipts

Limited personnel at some  
maintenance stations

Changing weather patterns

Increase in commodities costs

Deferred maintenance

Turnover and recruitment



*Dalton Highway Conditions, Fall 2019*



*Skagway / Klondike Highway closure, January 2020*



# Challenges Experienced with Budget Constraints

## Road deterioration

- Extended commutes
  - Higher cost to industry (e.g., truckers-timing out)
  - Time = money
- Greater wear and tear
- Decreased safety
  - Increased accidents

## Fewer resources under extreme weather conditions

- Closed routes (e.g., landslide, avalanche)
- Winter weather events (e.g., freezing rain)
- Weather events (e.g., storms, flooding)

## Older equipment

- Higher cost to operate
- Increased breakdowns

## Limited Personnel

- 2 employees at camps
- 1 operator may cover 100+ miles

## Using federal funding to do preservation work

- Less funding available for capital projects

# Maintenance Stations

**74 maintenance stations responsible for an average of  
137 miles each**

Closed five Maintenance Stations (one additional seasonally):  
Birch Lake (2016), Central (2016), Chitina (2016), O'Brien Creek (2016),  
Silvertip (2019) and Thompson Pass (open winter only, beginning 2016)



# Dalton Highway

Camp Name	Approximate Camp Location	Area of Maintenance Responsibility	Average Number Operators
Livengood	Livengood Road	Milepost 0-28	3
Seven Mile	Dalton MP 62	Milepost 28-100	2
Jim River	Dalton MP 138	Milepost 100-156.2	2
Coldfoot	Dalton MP 175	Milepost 156.2-209.2	2
Chandalar	Dalton MP 239	Milepost 209.2-284.5	3
Sag River	Dalton MP 305	Milepost 284.5-356	3
Deadhorse	Deadhorse Airport	Milepost 356-414	4

## CHALLENGES

Weather

Staffing

Equipment

## ACCOMPLISHMENTS

Nordic Rig #3 Move to MP 386 this weekend  
(28 miles South of Prudhoe)

MP 362-414 Paving project for 2020/2021  
construction has been awarded

Since July 1, 2020 eight vacant operator  
positions have been filled

# FY2020 Travel Reductions

## (All Fund Sources)

Highways & Aviation Components	Central Region	Northern Region	Southcoast Region
FY2019 Management Plan Travel Line	\$ 61.4	\$ 700.0	\$ 197.1
FY2020 Travel Line Reductions	\$ (55.2)	\$ (341.4)	\$ (66.2)
FY2020 Backfill to Meet Mission Critical Travel	\$ 83.8	\$ 846.4	\$ -
FY2020 Management Plan Travel Line	\$ 90.0	\$ 1,205.0	\$ 130.9
FY2021 Governor's Proposed Travel Line	\$ 90.0	\$ 1,300.0	\$ 130.9

### IMPACTS OF REDUCTIONS

Fewer commodities for lower priority level roads

Fewer LED upgrades

Fewer contingency shelters, airport compactors, and  
airport paint

Deleted three positions





# Bridge Inventory, Condition & Function

**1,020 bridges on publicly-owned roads inspected by DOT&PF**

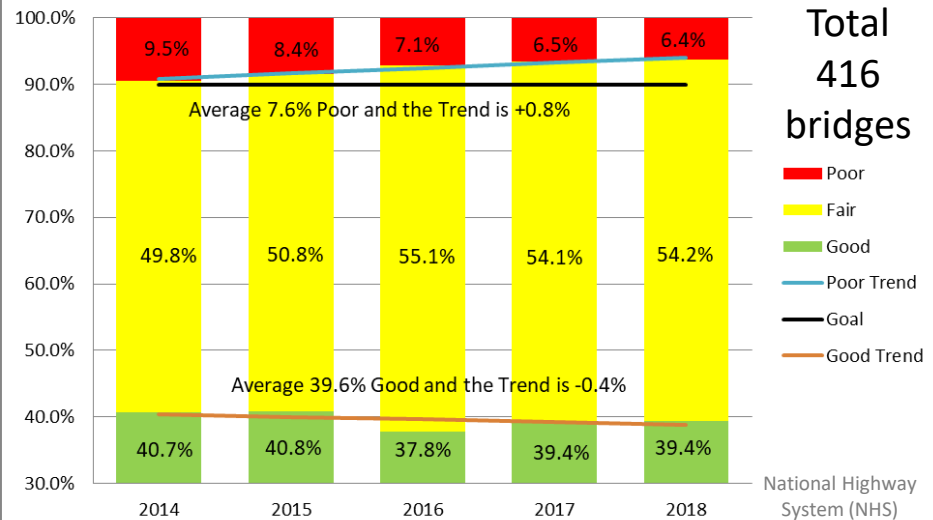
- 831 bridges owned by the department
- 26 bridges owned by other state agencies
- 163 bridges owned by cities and boroughs

**DOT&PF looks at bridges by the present condition**

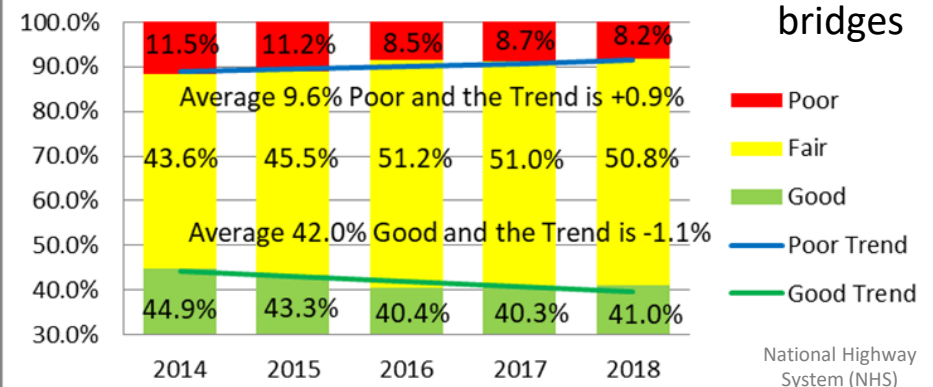
- Good, Fair, Poor

**Alaska has over 5% poor bridges, Federal Highway Administration requires us to commit \$33.7M of current federal highways funding for bridge replacement and rehabilitation in FFY2020.**

**% NHS Bridges - Bridge Condition by Deck Area**



**% non-NHS Bridges - Bridge Condition by Deck Area**





# Questions?

**Dom Pannone**

Administrative Services Director

(907) 465-2956

[Dom.Pannone@Alaska.gov](mailto:Dom.Pannone@Alaska.gov)

**Rob Carpenter**

Deputy Commissioner

(907) 465-3900

[Rob.Carpenter@Alaska.gov](mailto:Rob.Carpenter@Alaska.gov)

*Glenn Highway near MP 88 and Matanuska Glacier. Photo by Brock Antijunti*

