



# Alaska Department of Transportation & Public Facilities

## Associated General Contractors of Alaska

*April 14, 2022*

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

# Work Zone Safety

**April 11-15, 2022 is National Work Zone Awareness Week**

**Safety is crucial, and we work hard to minimize risks in Alaska's work zones. Even so, Alaska averages over 120 work zone related crashes each year.**

## **National statistics:**

- **842 people were killed in 762 work zone crashes in 2019. 17% percent of those fatalities were work zone workers.**
- **In 2015, a work zone crash occurred every 5.4 seconds.**
- **70 work zone crashes occurred each day resulting in at least one injury**



Photo by Kim Chong, Alaska DOT&PF





# Strengthen Our Safety Culture



**Safety is one of our Core Values**

**Safety Minutes – Make them meaningful**

**Training – Safety Hub**

**PPE – Personal Protective Equipment**

*Don't learn safety rules by accident.*



# DOT&PF Regions

*Geographically Diverse*

*High Seismic Activity*

*6 Distinct Climate Zones*

*Widespread and Varied  
Population Areas*

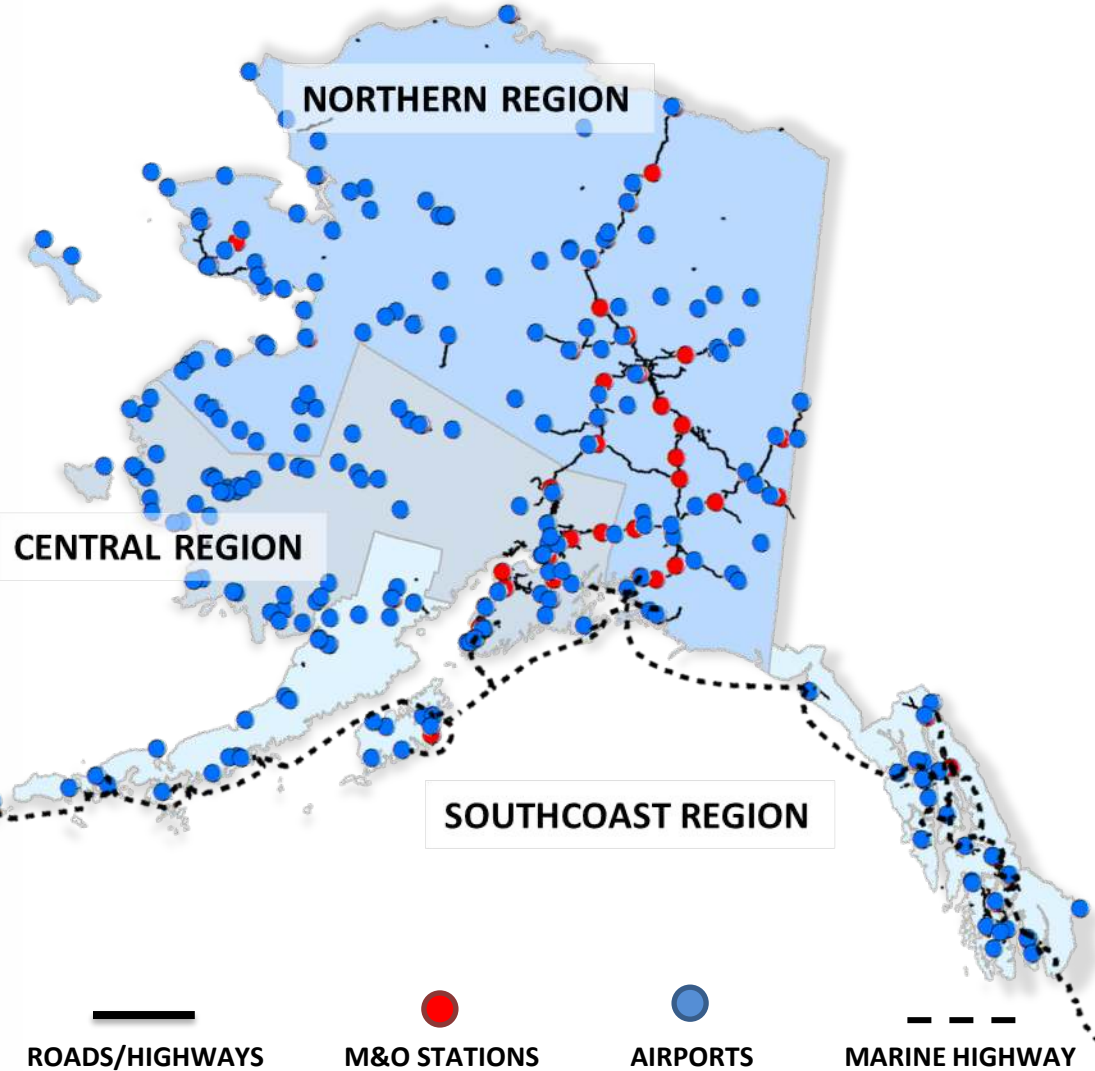
*Working with Rural Communities*

*Importance of Rural Airports*

*Multi-modal Transportation*

*Ice Roads*

*231 Tribes and Cultural Groups*





# DOT&PF impacts nearly every Alaskan, every day through roads, airports, ferries, and more.

**5,638** center line miles / **11,756** lane miles of roads/highways

**74** DOT&PF staffed Maintenance Stations\*

**237** Rural Airports, **2** International Airports

**9** Active Ferries, **33** Ports of Call

**16** Harbors, **1** set of Breakwaters

**839** DOT&PF owned bridges  
**3** DOT&PF owned tunnels

**7,371** pieces of state equipment & vehicles

**839** Public Facilities maintained, inclusive of **731** DOT&PF owned

**9** Weigh Stations

**2.5** mile Anton Anderson Memorial Tunnel

Approximately **\$12.6B** in transportation assets\*

**3,386\*** permanent full-time, part-time and non-permanent employees in 8 labor unions in 83 locations\*

\*2021 Information

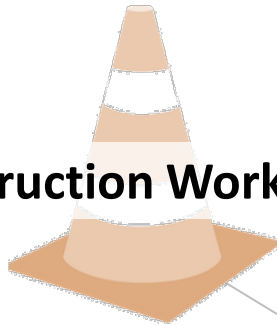


Hurricane Gulch bridge surrounded by the beauty of Alaskan gold. Photo by Briana Bockhorst, Alaska DOT&PF

# DOT&PF / AGC Partnering



**Construction Workgroup**



**Quarterly Steering Committee**



**Fall/Spring Meetings**



**Action Teams**

**Joint AGC/DOTPF Rural Material Source**

**Survey Specifications Review**

**Local Hire Pilot Projects**

**CMGC Manual / Regulation Review**





# Capital Budget

## Safety:

- \$11M - passing lanes on Alaska Hwy.
- \$30M - passing lanes on Richardson Hwy.
- \$23.5M - improvements to Sterling Hwy. Safety Corridor MP 45-58

## Economic Development:

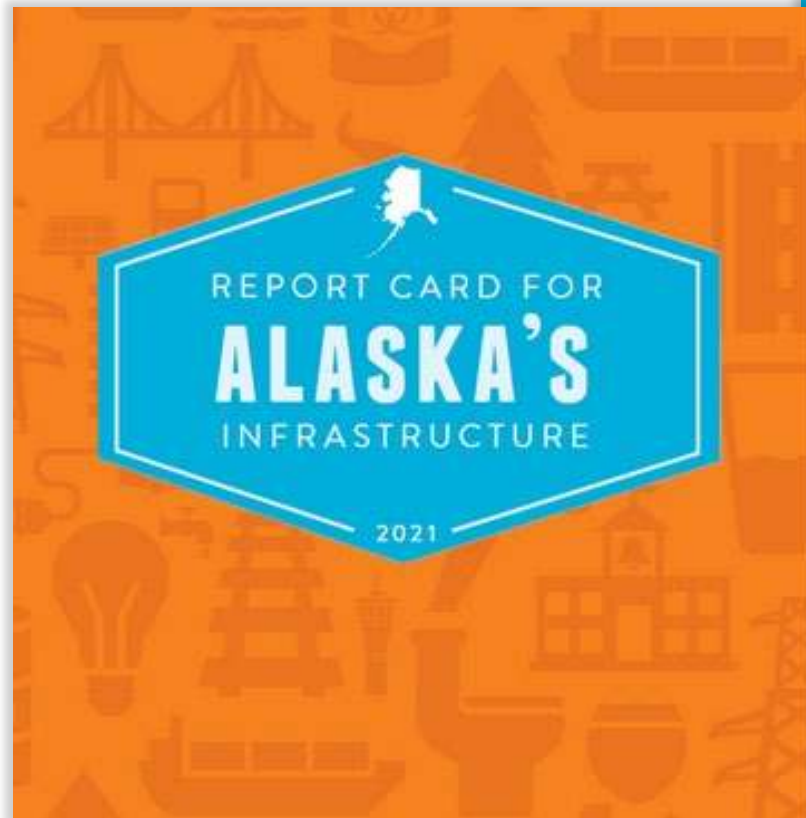
- \$120M - Airport improvements throughout our state
- \$10M - Ferry Boat funds
- \$45M - Bridge funds

## Resiliency:

- \$17.9M - PROTECT grants
- \$2M - Ice Roads and Seasonal Trails
- \$25M - Community Transportation Program funds

Richardson Highway, just south of Delta. Stuck behind an oversize load with a view of the Alaska Range. Photo by Maggie Hess, Alaska DOT&PF

# 2021 ASCE Report Card



## RAISING THE GRADES



AVIATION

C



BRIDGES

B-



DAMS

C



DRINKING WATER

D



ENERGY

C-



MARINE HIGHWAYS

D



PORTS & HARBORS

D+



RAIL

C



ROADS

C



SOLID WASTE

C



TRANSIT

B-



WASTEWATER

D

G.P.A.

C-





# Our New 2022 Survey is Open!

Here's another chance for the public to weigh in on the future of transportation in Alaska!

Survey deadline has been EXTENDED to **April 22, 2022**.

Access the survey by scanning the QR code with your smart phone OR visit <https://arcg.is/1G4WPD1>



Results for 2021 survey  
can be viewed at:  
[dot.alaska.gov/infrastructureact/results.shtml](https://dot.alaska.gov/infrastructureact/results.shtml)

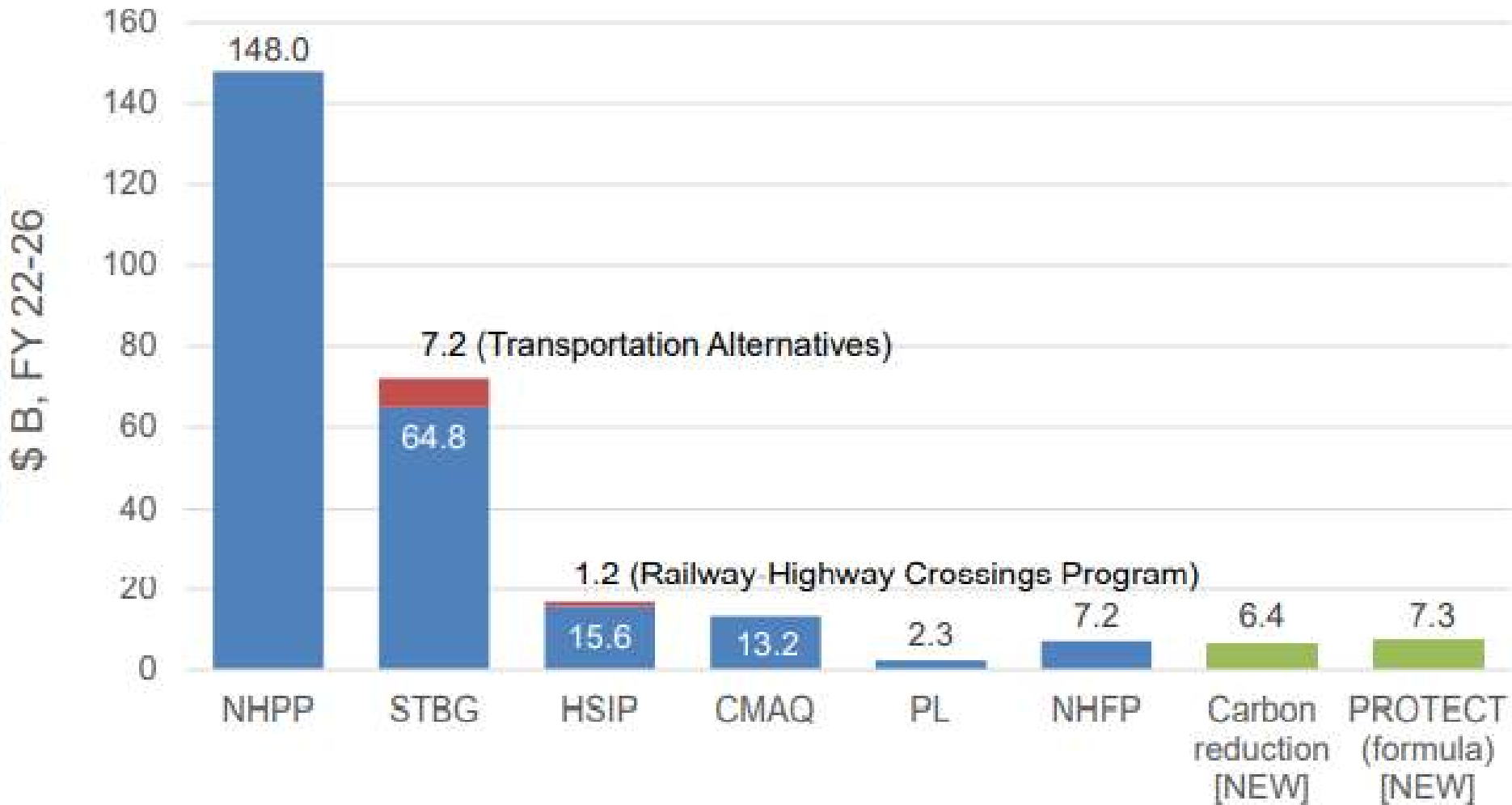
# IIJA Overview for Alaska



- **38% more formula funds for Alaska (mostly in NHPP/NHS funding)**
- **Expanded eligibilities in some of the existing programs**
  - **E.g., STPG funding eligibilities extended to tourism, ice roads, etc.**
  - **Ice Road maintenance**
- **Two new formula funded programs**
  - **Protect (climate resiliency related)**
  - **Carbon Reduction (air quality related)**
- **Ample opportunity for those willing to put in the work to secure additional discretionary grants!**



# 8 Apportioned Programs (including 2 new)



# IIJA: What we know/don't know

- **New projects coming in through IIJA discretionary grant avenues will be amended into the STIP**
  - **The Tentative Advertising Schedule will not be affected – we will still only put projects on the TAS once we are very certain of funding and delivery**
- **Currently the DOT&PF has S&O over federal Title 23 funds and has to be involved with Title 23 funding. IIJA discretionary grants will be direct recipients**
- **Office of Infrastructure within state government to help with grant coordination**





# Surface Transportation Discretionary Grants

- **Nationally Significant Freight & Highway Projects (Formerly INFRA) \$4.8B**
- **Rural Surface Transportation Grants**
- **MEGA Grants**
- **PROTECT Resiliency formula funding @\$7.3B and discretionary grants @\$1.4B**
- **National Infrastructure @\$10-15B**
- **RAISE @\$7.5B**
- **National Culvert Grant Program @\$4B**
- **Rail Crossing Hazard Elimination @\$3B**
- **Electric & Low-Emitting Ferry Grants @\$250M**
- **Ferry Service for Rural Communities @\$1B**
- **Nationally Significant Federal and Tribal**

# Aviation Infrastructure & Terminal Provisions



## Aviation Infrastructure Grants

\$15B to remain eligible until  
September 2030

## Aviation Terminal Program

\$5B to remain eligible until  
September 2030



# Communicating with AGC on...

**Supply Chain**

**“Buy America” & “Buy American”**

**AASHTOWare Project**





# AASHTOWare 2021 by the Numbers...

The screenshot shows the AASHTOWare Project website. At the top, it says "Alaska Department of Transportation and Public Facilities" and "AASHTOWare PROJECT". There are navigation menus for "Travel", "Business", "News and Social", "Projects", and "About Us". Below the navigation is a banner image of a road. The main content area includes a "Click Here to log into the Alaska AASHTOWare Website" button, a "Trouble logging in? Trouble viewing your Contract information?" section, and an "Email Updates" section with a form for "Subscription Type" and "Email Address". There are also links for "AASHTOWare Instructions" and "Do you still have questions about submitting certified payroll?".

**5636 Payrolls**  
**499 New Users**  
**490 New Vendors**





# Northern Region by the Numbers...

**61** PROJECTS

**\$241** MILLION

**17** COMMUNITIES

**90%** FEDERAL FUNDS





# Northern Region 2022 Construction

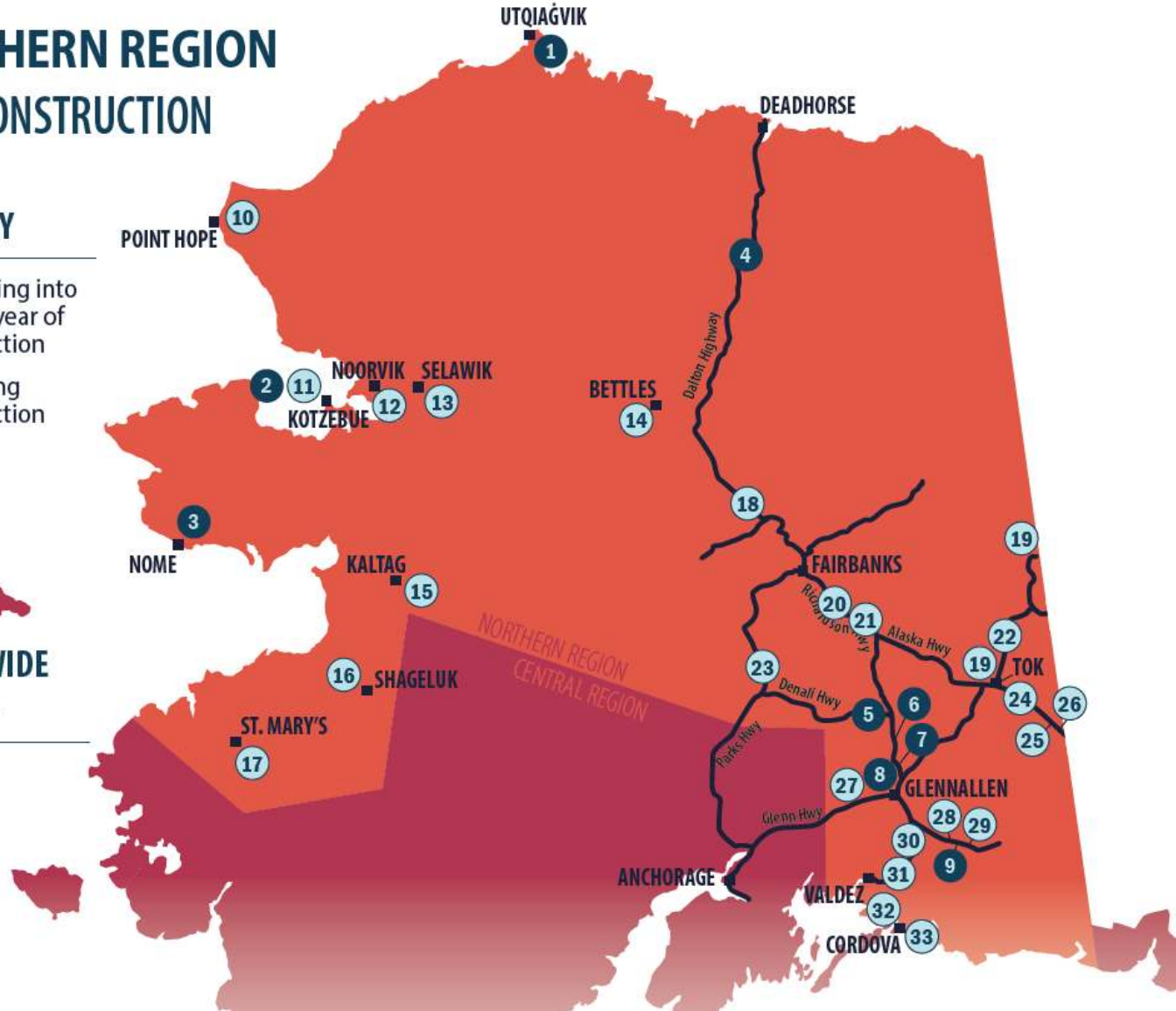
## NORTHERN REGION 2022 CONSTRUCTION

### COLOR KEY

- Continuing into second year of construction
- Beginning construction in 2022

### REGION-WIDE PROJECTS

34





# Northern Region 2022 Construction



## FAIRBANKS AREA | 2022 CONSTRUCTION

CONTINUING IN 2022

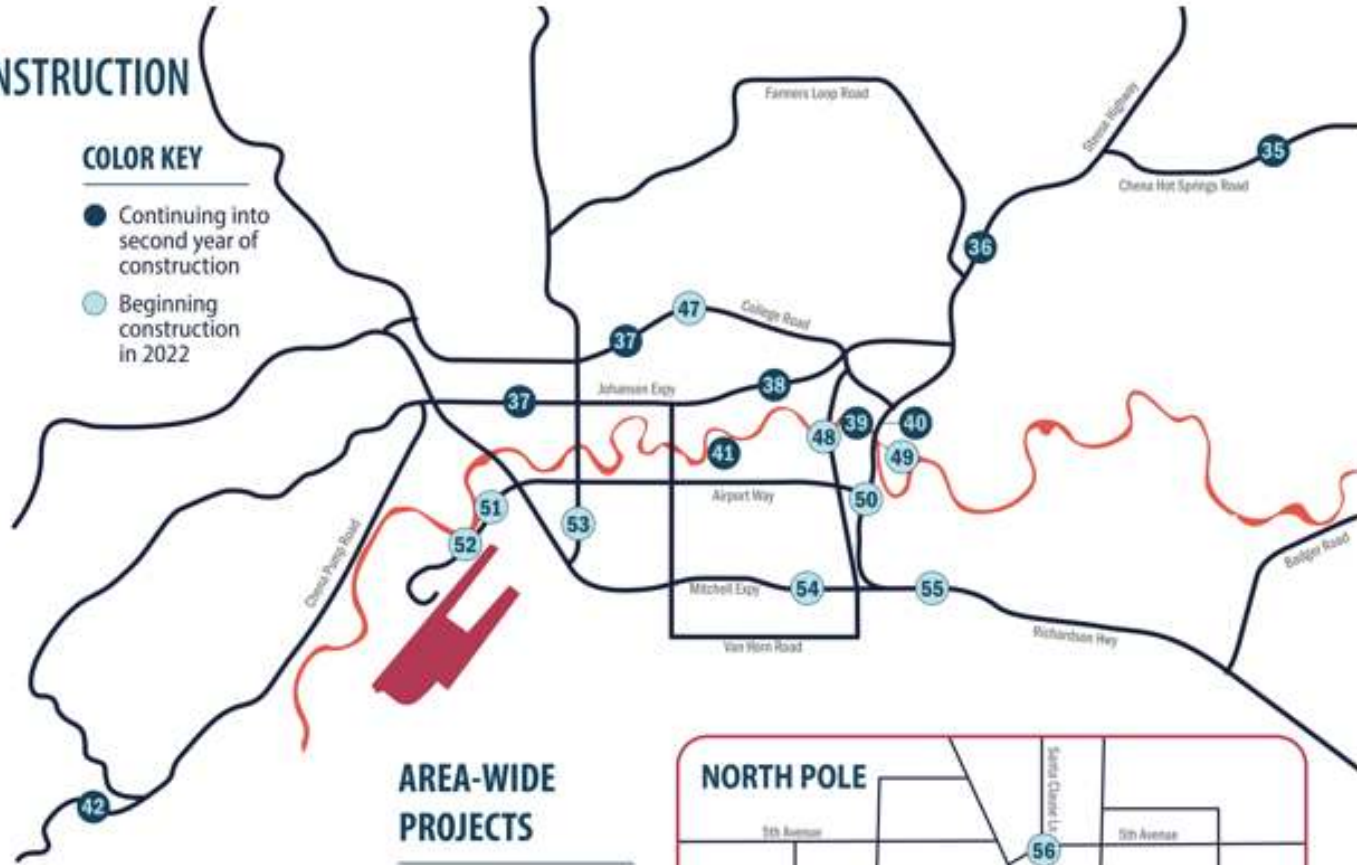
- 35 | Chena Hot Springs Road MP 0-6
- 36 | Steese Hwy MP 3.8 Culvert Replacement
- 37 | Fairbanks Area Signal Interconnect
- 38 | Fairbanks Area Concrete Barrier Upgrades
- 39 | Wendell Avenue Bridge Replacement
- 40 | 3rd Street Widening and Interconnect
- 41 | Growden Area Accessibility Improvements
- 42 | Rosie Creek Road Improvements
- 43 | FAST Intersection Improvements
- 44 | FAST Sidewalk Improvements
- 45 | FAST Sign Replacement Stage III
- 46 | Northern Region LED Lighting

BEGINNING IN 2022

- 47 | College Road Bus Pullouts
- 48 | Cushman Street Bridge Rehabilitation
- 49 | Steese Expy Chena River Bridge Redeck
- 50 | Airport/Steese Intersection Reconstruction
- 51 | Airport Way (West) Improvements
- 52 | Airport Way West Pedestrian Facilities
- 53 | University Avenue Rehab & Widening (2B)
- 54 | Mitchell Expressway Signal Interconnect
- 55 | Richardson Hwy Dynamic Messaging Sign
- 56 | Old Richardson Intersection Improvements
- 57 | Fairbanks Area Vehicle Plug-ins
- 58 | FAST Surface Upgrades
- 59 | North Pole Street Light Standardization
- 60 | Northern Region ADA Improvements
- 61 | Targeted Dynamic Messaging Sign

### COLOR KEY

- Continuing into second year of construction
- Beginning construction in 2022



### AREA-WIDE PROJECTS

- 43
- 44
- 45
- 46
- 57
- 58
- 59
- 60
- 61



3rd Street Widening & Interconnect

Airport Way/Steese Expwy Intersection

Alaska Hwy Passing Lanes (MP 1280-1300)

Bettles Airport Improvements

Burma Pit Road Little Tonsina Bridge (Richardson Highway MP 74.2)

Chena Hot Springs Road MP 0-6

College Road Bus Pullouts

Copper River Boat Launch Improvements (McCarthy Road MP 1.5)

Copper River Hwy MP 21 Culvert Replacement

Cooper Creek Culvert

Airport Way (West) Improvements

Airport Way West Ped Facilities

Alaska Hwy MP 1222-1227 Resurfacing

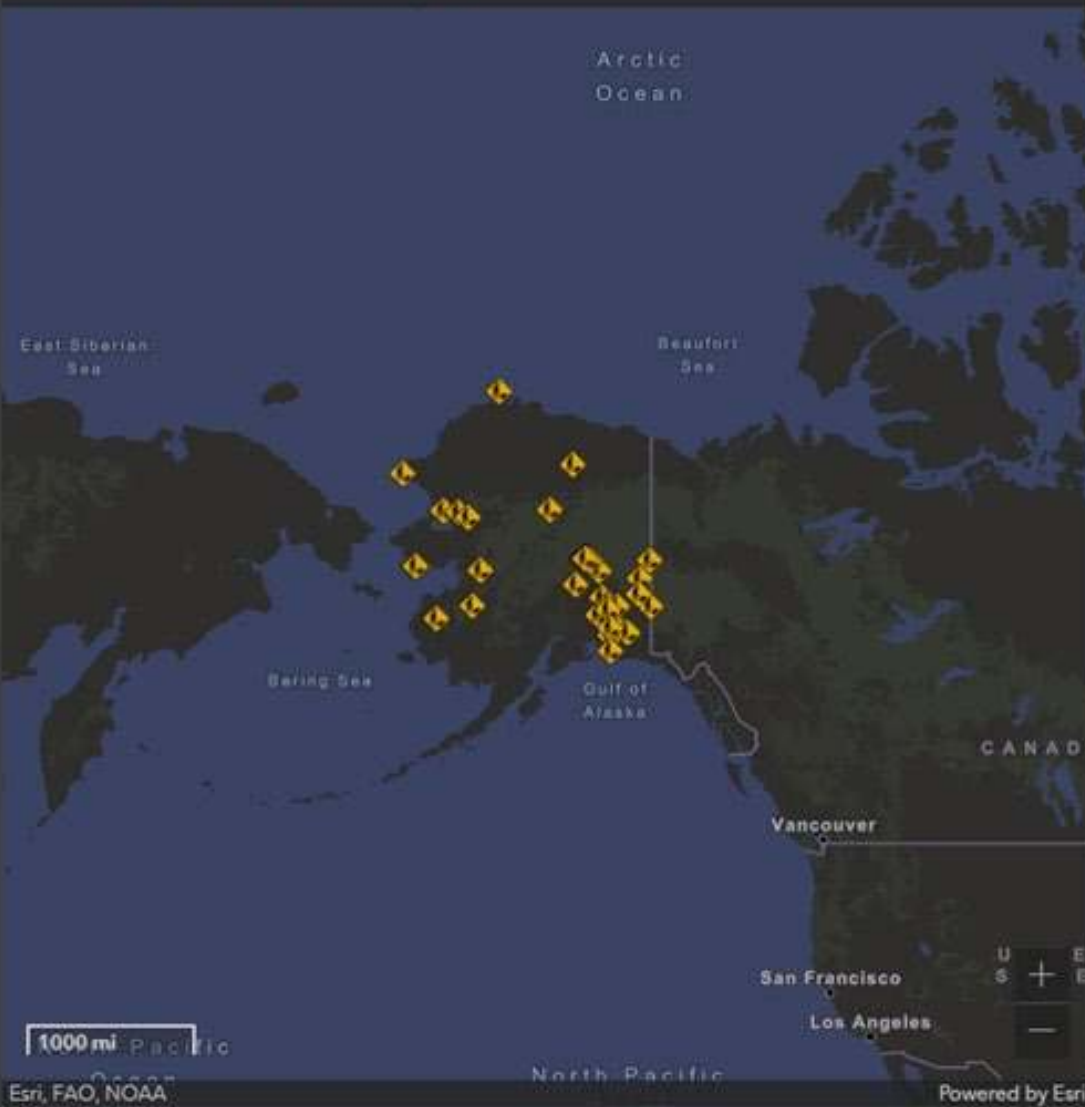
Alaska Hwy MP 1235-1251 Rehabilitation

Dalton Hwy MP 289-305 Rehabilitation

Denali Hwy MP 25 Rock Creek Bridge Replacement

Edwards Area Concrete Barrier Grades

## Construction Year 2022- Northern Region



## Project Status



Continuing 21  
New 2022 40

**677.3**  
Lane Miles

**61**  
Projects

CY22\_Edits\_WFL1

CY22 all centers3





# Northern Region – Advertising in April

**Selawik Barge**

**Richardson Hwy MP 40-51**

**Brevig Mission Airport**

**FAST Surface Upgrades**

**Dalton 0-9 Reconstruction**





# Southcoast Region by the numbers...

**31** PROJECTS

**\$110** MILLION

**11** COMMUNITIES

**90%** FEDERAL FUNDS





# Southcoast Region 2022 Construction

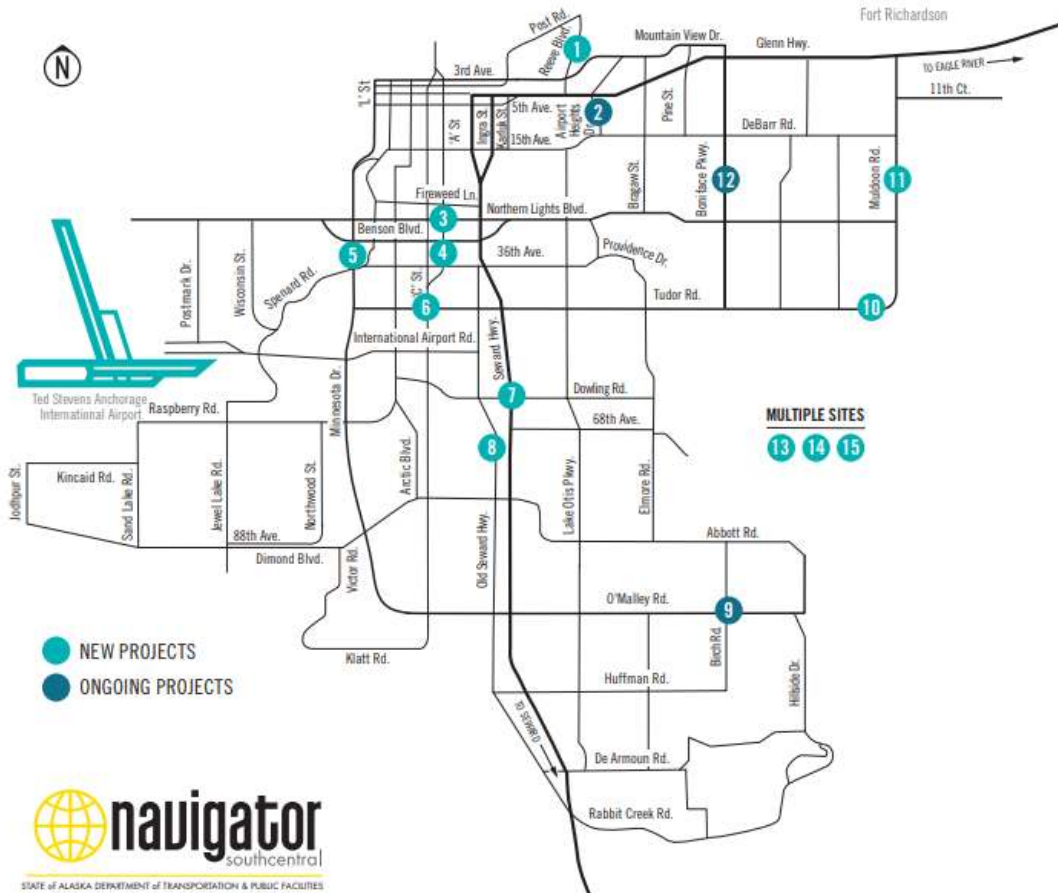


- COLD BAY: AIRPORT CHEMICAL SRE BUILDING
- GUSTAVUS: AIRPORT GATE IMPROVEMENTS
- HAINES: HIGHWAY RECONSTRUCTION PHASE 2, MP 12.2-20.0
- JUNEAU: AUKE BAY FERRY TERMINAL BUILDING IMPROVEMENTS
- JUNEAU: DOUGLAS HIGHWAY RESURFACE AND SIDEWALK REPAIRS, STAGE 2
- JUNEAU: DOWNTOWN PREVENTATIVE MAINTENANCE PAVING, TRAM TO ROCK DUMP
- JUNEAU: EGAN/YANDUKIN INTERSECTION HSIP IMPROVEMENTS
- JUNEAU: GLACIER HIGHWAY IMPROVEMENTS (LEMON CREEK)
- JUNEAU: MENDENHALL LOOP ROAD: EGAN DRIVE TO STEPHEN RICHARDS
- JUNEAU: SOUTH DOUGLAS RETAINING WALL (NON-NHS SLOPE STABILIZATION)
- KETCHIKAN: FERRY TERMINAL IMPROVEMENTS, BERTH 3
- KETCHIKAN: GRAVINA FERRY LAYUP AND FREIGHT FACILITIES
- KETCHIKAN: HERRING COVE BRIDGE IMPROVEMENT, CMGC
- KETCHIKAN: KETCHIKAN TO SHELTER COVE ROAD, STAGE 3
- KETCHIKAN: REVILLA/GRAVINA NEW AND REFURBISH FERRY BERTHS AND UPLAND IMPROVEMENTS
- KETCHIKAN: STEDMAN AND DEERMOUNT INTERSECTION AND SAFETY IMPROVEMENTS
- METLAKATLA: SEAPLANE FACILITY REPLACEMENT
- PRINCE OF WALES: HOLLIS HIGHWAY GUARDRAIL SAFETY IMPROVEMENTS
- SITKA: HALIBUT POINT ROAD AND PETERSON AVENUE INTERSECTION SAFETY IMPROVEMENTS
- SITKA: KATLIAN BAY ROAD
- SITKA: SAWMILL CREEK RESURFACING AND PEDESTRIAN IMPROVEMENTS
- SKAGWAY: STATE STREET PAVEMENT REHAB
- ST PAUL: AIRPORT VISUAL AID REPLACEMENT
- YAKUTAT: AIRPORT VISUAL AID BEACON



# Central Region 2022 Construction

## ANCHORAGE



- 1 AMATS: REEVE BOULEVARD, 5<sup>TH</sup> AVENUE to POST ROAD PAVEMENT PRESERVATION
- 2 AMATS: AIRPORT HEIGHTS, DEBARR ROAD to GLENN HIGHWAY PAVEMENT PRESERVATION
- 3 HSIP: A STREET, MIDTOWN COUPLET OVERHEAD SIGNAL INDICATION U/G
- 4 A STREET, NORTHERN LIGHTS BOULEVARD to 40<sup>TH</sup> AVENUE PAVEMENT PRESERVATION
- 5 MINNESOTA DRIVE, TUDOR ROAD to 15<sup>TH</sup> AVENUE, PAVEMENT PRESERVATION
- 6 HSIP: C STREET, TUDOR ROAD and DIMOND BOULEVARD INTERSECTIONS
- 7 DOWLING ROAD and SEWARD HIGHWAY INTERCHANGE RECONSTRUCTION
- 8 OLD SEWARD HIGHWAY, DIMOND BOULEVARD to DOWLING ROAD PAVEMENT PRESERVATION
- 9 AMATS: O'MALLEY ROAD RECONSTRUCTION, LIVINGSTON STREET to HILLSIDE DRIVE, PHASE II
- 10 AMATS: CHUGACH FOOTHILLS CONNECTOR, PHASE II
- 11 MULDOON ROAD, DEBARR ROAD to EAST 36<sup>TH</sup> AVENUE, PAVEMENT PRESERVATION
- 12 BONIFACE PARKWAY, TUDOR ROAD to JBER GATE, PAVEMENT PRESERVATION
- 13 ANCHORAGE AREA DRAINAGE IMPROVEMENTS FY 2019
- 14 AMATS: ANCHORAGE AREA PATHWAY and TRAIL PAVEMENT REPLACEMENT
- 15 HSIP: ANCHORAGE PEDESTRIAN LIGHTING

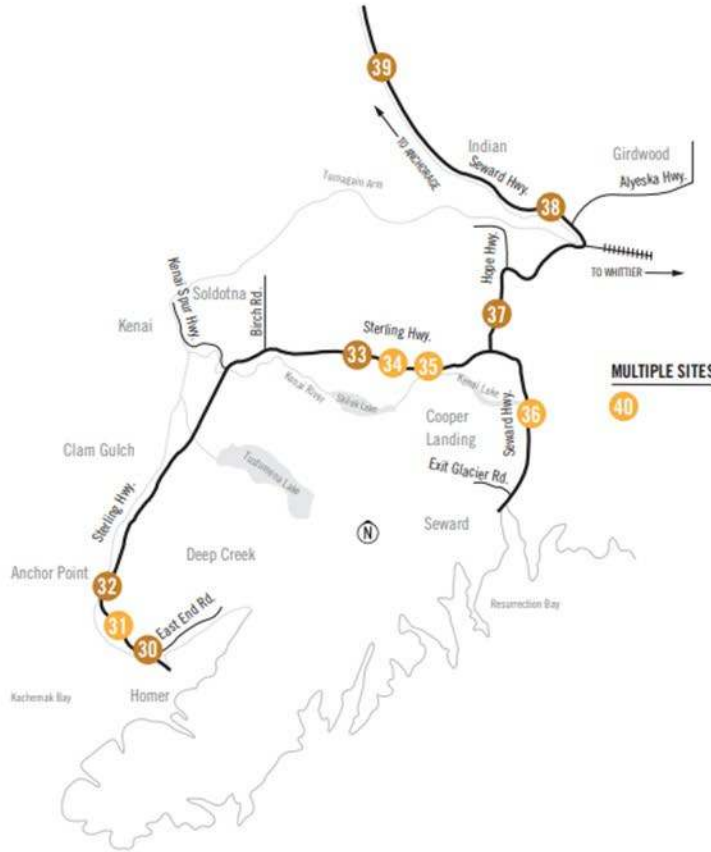


# Central Region 2022 Construction

## KENAI PENINSULA



- NEW PROJECTS
- ONGOING PROJECTS



- 30 HOMER, EAST HILL ROAD PAVEMENT PRESERVATION
- 31 HOMER, WEST HILL ROAD PAVEMENT PRESERVATION
- 32 OLD STERLING HIGHWAY, ANCHOR RIVER BRIDGE REPLACEMENT
- 33 STERLING HIGHWAY MP 45 to 60, SUNRISE LAKE ROAD to SKILAK LAKE ROAD RECONSTRUCTION
- 34 STERLING HIGHWAY MP 45 to 60, SUNRISE LAKE ROAD to SKILAK LAKE ROAD RECONSTRUCTION, PIONEER ROAD PACKAGE (CM/GC)
- 35 STERLING HIGHWAY MP 45 to 60, SUNRISE LAKE ROAD to SKILAK LAKE ROAD RECONSTRUCTION, STAGE 3 and 4 GRADING and DRAINAGE, EARLY WORK PACKAGE (CM/GC)
- 36 SEWARD HIGHWAY MP 17 to 22.5 REHABILITATION
- 37 HSIP: SEWARD HIGHWAY PASSING LANES MP 37 to 52 and SEWARD HIGHWAY PAVEMENT PRESERVATION MP 36 to 48
- 38 SEWARD HIGHWAY, MP 75 to 90, INGRAM CREEK to ALYESKA HIGHWAY and BRIDGE REHABILITATION, PHASE II and PORTAGE CURVE MULTIMODAL CONNECTOR
- 39 HSIP: SEWARD HIGHWAY ROCKFALL MITIGATION
- 40 KENAI AREA REPAIRS – NOV 2018 EQ PR

# Central Region 2022 Construction

## MAT-SU VALLEY



- NEW PROJECTS
- ONGOING PROJECTS



- 16 PARKS HIGHWAY BRIDGE REPLACEMENTS: MONTANA CREEK, SHEEP CREEK, and GOOSE CREEK
- 17 PARKS HIGHWAY MP 48.8 to 52.3 RECONSTRUCTION
- 18 KNIK GOOSE BAY ROAD, FAIRVIEW LOOP to PALMER-WASILLA HIGHWAY, PHASE I
- 19 GLENN HIGHWAY at MIRROR LAKE – NOV 2018 EQ PR
- 20 EAGLE RIVER LOOP PEDESTRIAN UNDERCROSSING – NOV 2018 EQ PR
- 21 AMATS: HILAND ROAD MP 0 to 3.2, PAVEMENT PRESERVATION
- 22 HSIP: GLENN HIGHWAY MEDIAN BARRIER, MP 30 to 34
- 23 GLENN HIGHWAY and PARKS HIGHWAY INTERCHANGE REPAIRS – NOV 2018 EQ PR
- 24 GLENN HIGHWAY, PARKS HIGHWAY to SOUTH INNER SPRINGER LOOP, PHASE II
- 25 FEMA: CLARK-WOLVERINE ROAD and HUNTLEY ROAD – NOV 2018 EQ PR
- 26 CLARK-WOLVERINE ROAD 00031 – NOV 2018 EQ PR
- 27 BUFFALO MINE ROAD 00118 – NOV 2018 EQ PR
- 28 GLENN HIGHWAY MP 40 to 68 – NOV 2018 EQ PR
- 29 MAT-SU AREA REPAIRS – NOV 2018 EQ PR



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES





# Seward Highway Safety Initiative

**First Phase in 2024**

**Seward & Sterling Wye**

**Seward & Girdwood**

**Reconstruct MP 98-118**

**Remove AK Safety Corridor**



# Thank You.

**Ryan Anderson**

**Commissioner**

907-465-3900

DOT.Commissioner@Alaska.gov

dot.alaska.gov • 511.alaska.gov • alaskanavigator.org



[dot.alaska.gov/infrastructureact](https://dot.alaska.gov/infrastructureact)





**Bear with us, there is more...**

