



Alaska Department of Transportation & Public Facilities

Alaska Municipal League

Katherine Keith, Deputy Commissioner

Feb. 22, 2023

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

MISSION: *Keep Alaska Moving*

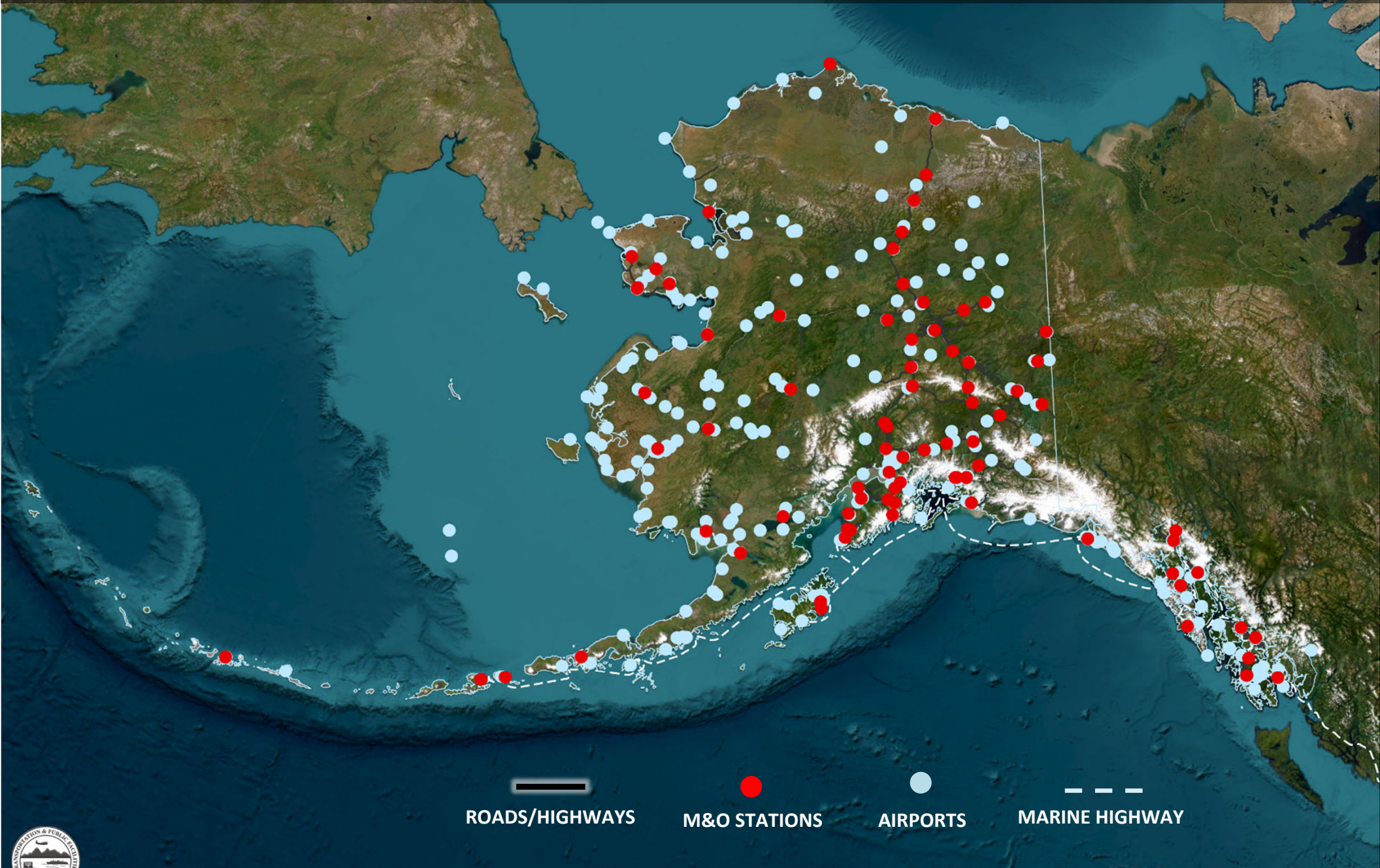
Core Values

Integrity • Excellence • Respect • Safety

DOT&PF oversees a network of highways that link together cities and communities throughout the state, thereby contributing to the development of commerce and industry in the state, and that aids in the extraction and development of its resources, and improves the economic and general welfare of the people of the state (AS 19.05.125)



ALASKA'S TRANSPORTATION SYSTEM



ALASKA'S DOT&PF INFRASTRUCTURE

ROADS & HIGHWAYS

5,682 center line miles / **11,843** lane miles of roads / highways

MAINTENANCE TEAMS

80 DOT&PF staffed maintenance stations*

AVIATION SYSTEM

235 rural airports,
2 international airports

ALASKA MARINE HWY SYSTEM

9 ferries,
35 ports of call, along **3500-mile** coastal route

MARINE FACILITIES

16 harbors,
1 set of breakwaters

BRIDGES & TUNNELS

851 DOT&PF owned bridges,
3 tunnels**

MEASUREMENT STANDARDS

Inspected **7,438** scales, **4,787** meters, and **296** accessories

STATE EQUIPMENT FLEET

7,366 pieces of state equipment & vehicles

PUBLIC FACILITIES

827 maintained, inclusive of **731** DOT&PF owned

COMMERCIAL VEHICLE ENFORCEMENT

9 Weigh Stations, **2,544,047** tons weighed FFY22

STATEWIDE TRANSPORTATION ASSETS

Approximately **\$12.6B**

STATEWIDE PERSONNEL AND DISTRIBUTION

3,393 permanent full-time, part-time and non-permanent employees in **8** labor unions in **83** locations

Federal Fiscal Year (FFY)

*Includes seasonal maintenance stations

**DOT&PF-owned tunnels and maintenance of the 2.5 mile Anton Anderson Memorial Tunnel



OUR TEAM

**Northern
(NR)**



**Central
(CR)**



**Southcoast
(SR)**



Cooperative Partnerships



RPO

- Copper River Valley - RTP/O statutes
- Others on the way – FNSB, NSB, and more.

AML MOU

- Clearinghouse “The HUB”
- AML Hosting NHI Courses

State Agencies

- AEA MOA - NEVI Plan & STEP
- DNR MOA – ASTAR PEL

Business Partnership

- AGC
- ACEC
- Labor Unions

Team-Embedded Consultants

Federal Land Managers

More Local Planning

- Coordinate with land-use, ‘Plan for People’

Looking for more Partners!

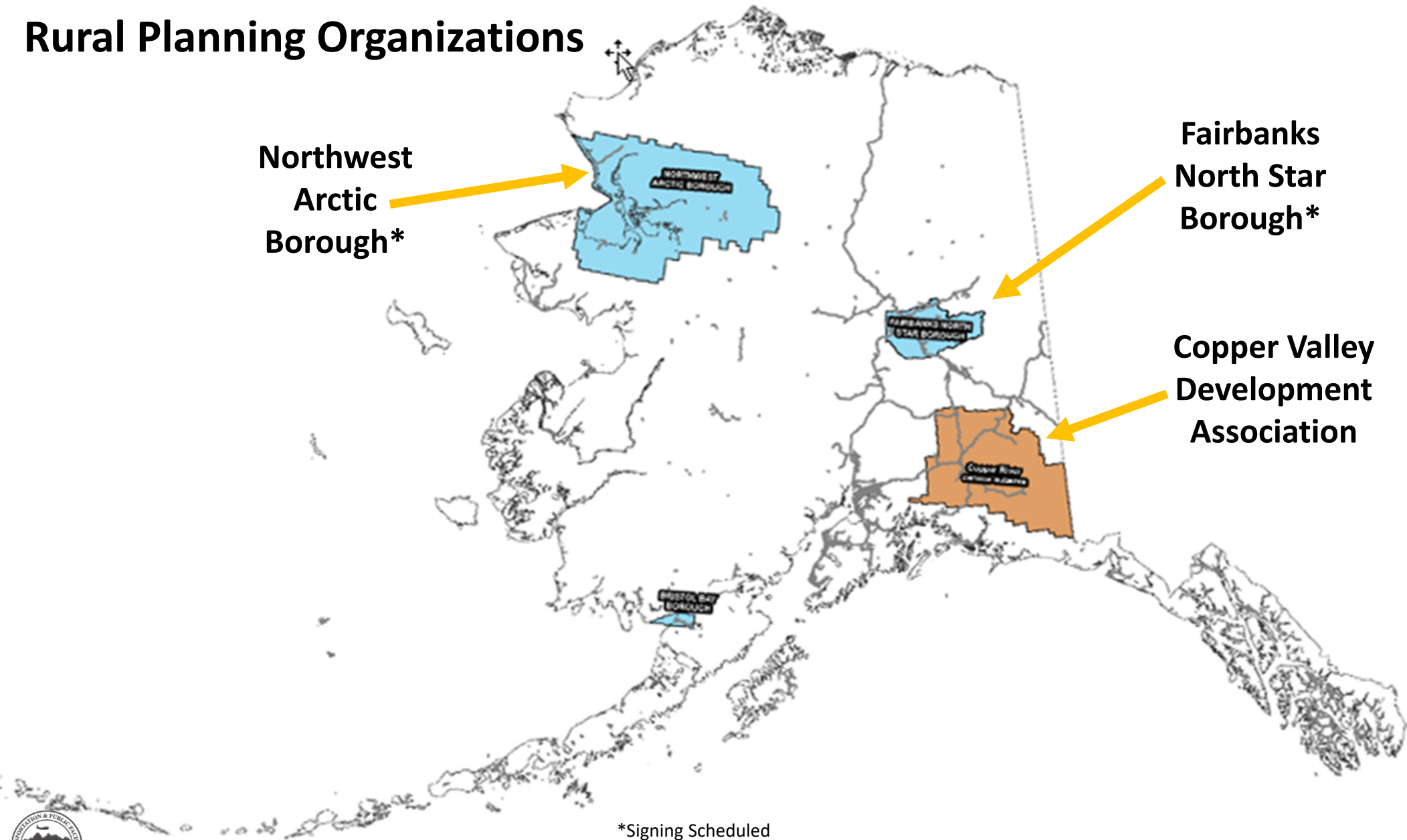
COMMUNITY-DRIVEN PLANNING: Next Steps

Rural Planning Organizations

Northwest
Arctic
Borough*

Fairbanks
North Star
Borough*

Copper Valley
Development
Association



*Signing Scheduled

1/26/2023



FUNDING AVAILABLE TO A RANGE OF RECIPIENTS

Program Examples	State	MPO	Local	Tribe
Apportioned programs	✓			
Bridge Program	✓			✓
National Electric Vehicle Formula Program	✓		✓	
Safe Streets and Roads for All program		✓	✓	✓
PROTECT Grants	✓	✓	✓	✓
Charging and Fueling Infrastructure Program	✓	✓	✓	✓
Congestion Relief Program	✓	✓	✓	
Bridge Investment Program	✓	✓	✓	✓
Reconnecting Communities Pilot Program	✓	✓	✓	✓
Rural Surface Transportation Grants	✓		✓	✓
National Infrastructure Project Assistance	✓	✓	✓	✓
Local and Regional Project Assistance	✓	✓	✓	✓
Tribal Transportation Program Safety Fund				✓

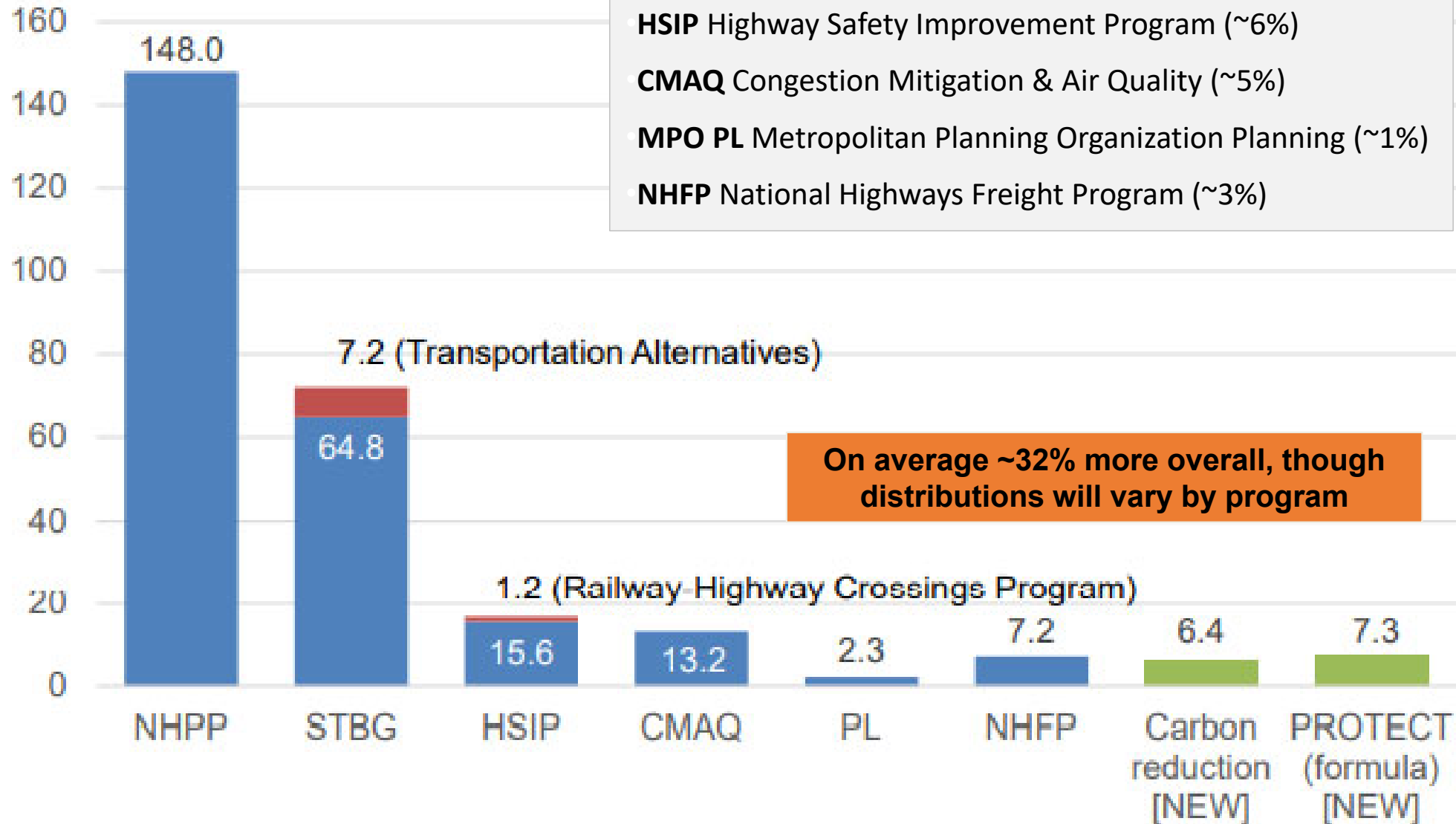


MPO: Municipal Planning Organization

Note: This table does not include all BIL programs or eligible entities

NATIONWIDE FEDERAL-AID HIGHWAY APPORTIONMENTS PROGRAMS

- NHPP** National Highways Performance Program (~58%)
- STBG** Surface Transportation Block Grants (~27%)
- HSIP** Highway Safety Improvement Program (~6%)
- CMAQ** Congestion Mitigation & Air Quality (~5%)
- MPO PL** Metropolitan Planning Organization Planning (~1%)
- NHFP** National Highways Freight Program (~3%)



On average ~32% more overall, though distributions will vary by program

\$B, FFY 22-26



STRATEGIC INVESTMENT AREAS

SAFETY

ECONOMIC VITALITY

STATE OF GOOD REPAIR (SOGR)

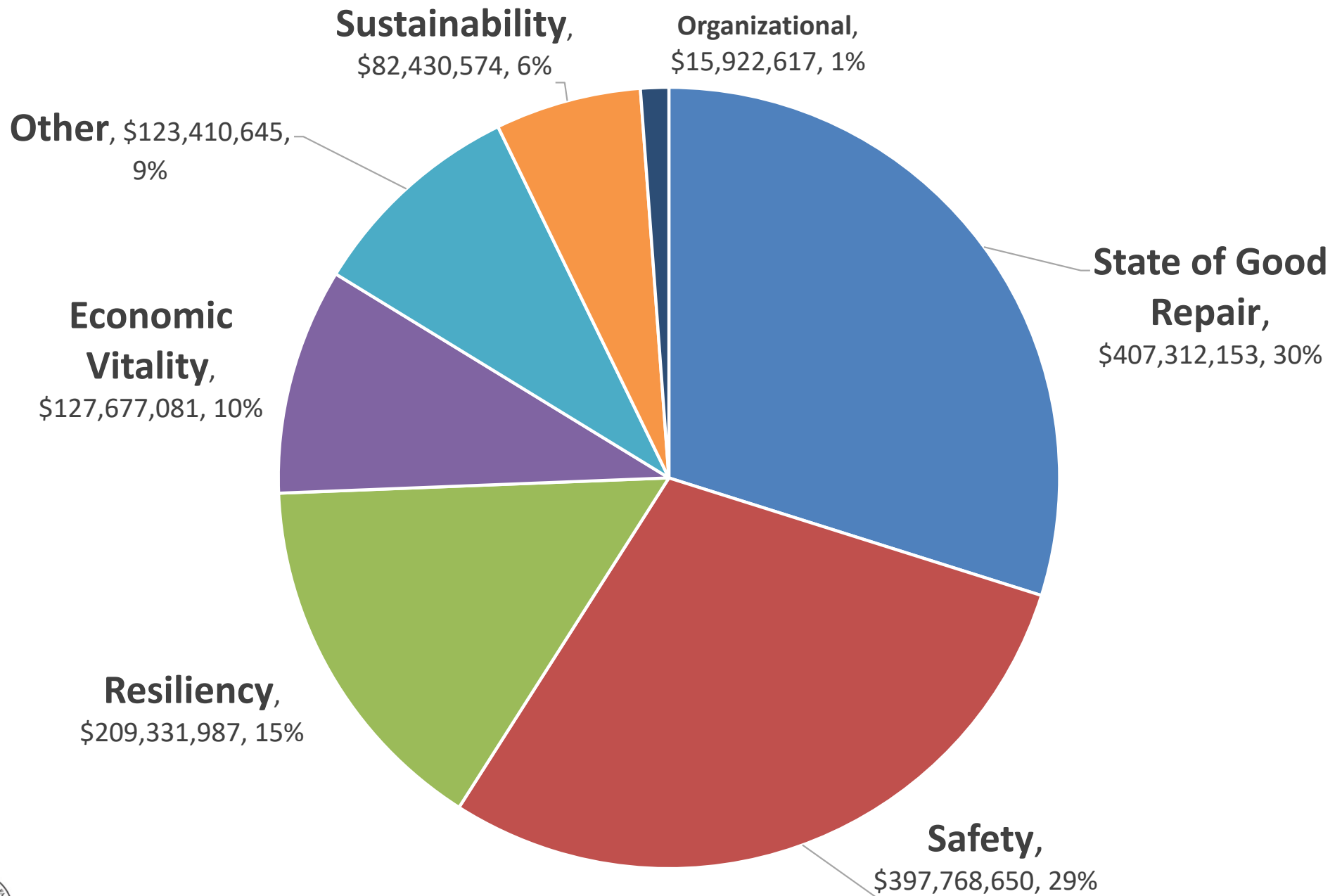
RESILIENCY

SUSTAINABILITY



DOT&PF STRATEGIC INVESTMENT AREAS

SFY24 GOVERNOR AMEND CAPITAL PROGRAM





SAFETY

Safe Streets and Roads for All

**Highway Safety
Improvement Program (HSIP)**

**Wildlife Crossings Pilot
Program**



SAFE ICE ROADS FOR ALASKANS

Cycle	Annually
Timeline	11/30/2022 Awards Announced!
Amount	\$2,000,000 for winter '22-'23
Eligible Activities	Planning, preparation, surveying, ice road construction, preventative maintenance, safety measuring & observing, marking, and closures
Eligible Entities	Cities, villages, tribes & political sub-division of government

Awards

1.	Native Village of Napaimute	\$450,000
2.	Tanana Tribal Council	\$32,000
3.	Crooked Creek Traditional	\$60,000
4.	Village of Wainwright	\$375,000
5.	Northwest Arctic Borough	\$300,000
6.	Village of Aniak	\$160,000
7.	Chuathbaluk Traditional	\$20,000
8.	Native Village of Kalskag	\$15,000
9.	Whitestone Community Assoc.	\$80,000
10.	North Slope Borough	\$250,000





ECONOMIC VITALITY

National Highways Freight Program (NHFP)

Local and Regional Project Assistance Program

Changes to INFRA Program

Rural Surface Transportation Grants

Port Infrastructure Development Program (PIDP)





***RURAL PORTS,
DOCKS & BARGE
LANDINGS***

Cycle	Every 2 years
Anticipated NOFO	CY2023 Quarter 2
Funding Amount	\$27,000,000 for first round of funding
Eligible Activities	Rural ports, docks, barge landings, and rural coastal infrastructure
Eligible Entities	Local or community government, villages, tribal entities, & political sub-divisions of government not connected by roads





STATE OF GOOD REPAIR



**State Preservation &
Maintenance Program (NHPP
& STBG)**

**Transportation Asset
Management Program
(TAMP)**

**Bridge-related Provisions in
IIJA**

COMMUNITY BRIDGE PROGRAM

Cycle Every 2 years

NOFO CY2023 Quarter 1

Amount \$54,000,000

Eligible Activities Bridges on the National Bridge Inventory (NBI), replacing poor bridges, rehabilitating fair bridges, bridge preservation & protection, tribally owned bridges on public roads, and projects that replace/rehabilitate culverts on the NBI

Eligible Entities Local or community government, villages, tribal entities, & Political sub-divisions of government





SUSTAINABILITY

Carbon Reduction Program (CRP)

**Charging and Fueling
Infrastructure**

**National Electric Vehicle Formula
Program (NEVI)**

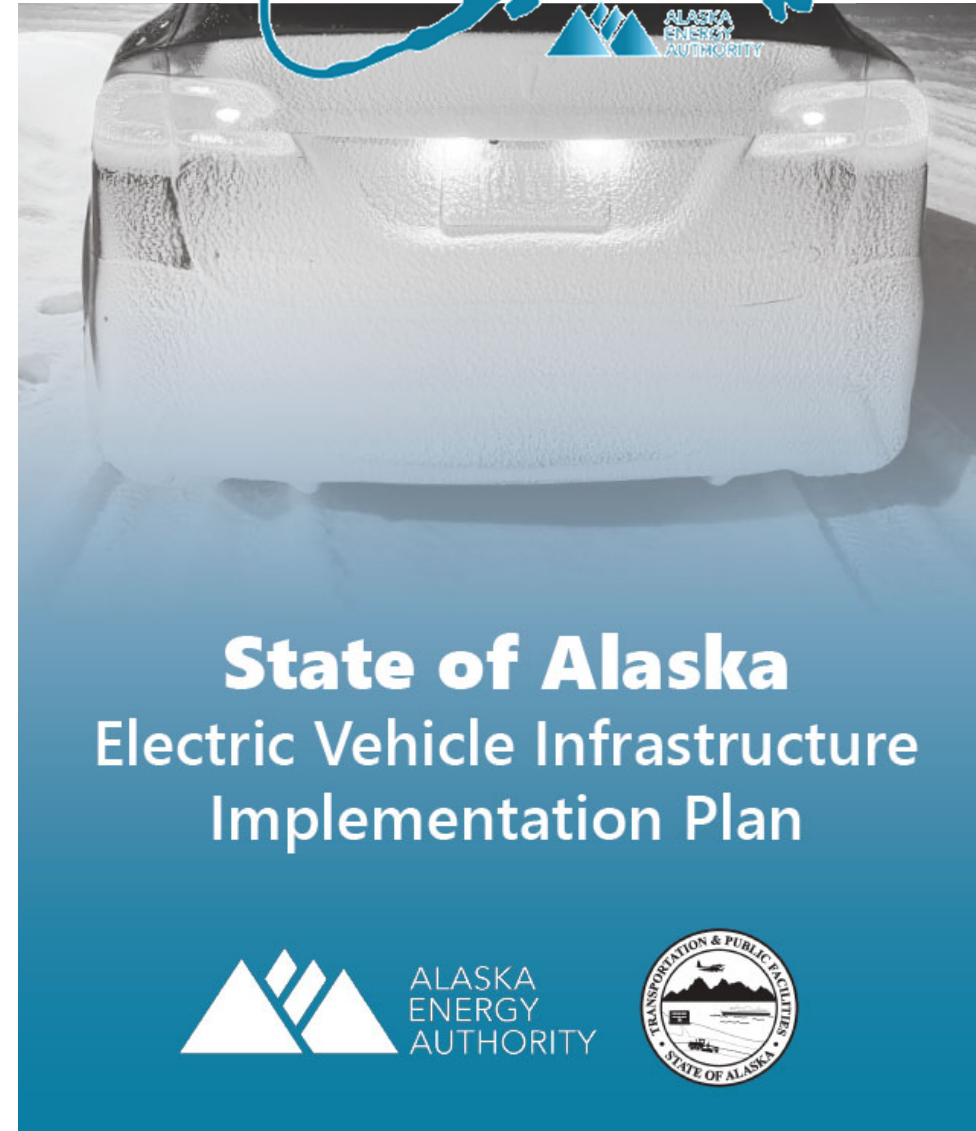
**Reconnecting Communities Pilot
Program**

**Reductions of Truck Emissions at
Port Facilities Program**



NEVI PROGRAM

Cycle	Every 2 years
NOFO	CY2023 Quarter 2
Amount	\$52,000,000 total for five years
Eligible Activities	The acquisition, installation, and network connection of electric vehicle (EV) charging stations; Proper operation and maintenance of EV charging stations; and, Long-term EV charging station data sharing
Eligible Entities	Local or community government, villages, tribal entities, & Political subdivisions of government



State of Alaska
Electric Vehicle Infrastructure
Implementation Plan

ALASKA ENERGY AUTHORITY

ALASKA ENERGY AUTHORITY

TRANSPORTATION & PUBLIC UTILITIES
STATE OF ALASKA





RESILIENCY

PROTECT (formula and discretionary)

Changes to Emergency Relief Program

Other Climate and Resilience Provisions



RESILIENCY & COASTAL PROTECTION PROGRAM

5 yr total PROTECT \$93.1m
program funds

Eligible Activities

- Resiliency Planning
- Twice-Hit Assets
- Critical Community Access
- Evacuation Routes
- At-Risk Coastal Community Protection

Eligible Entities

Local or community government, villages, tribal entities, & political subdivisions of government



WEST COAST ALASKA STORM RESPONSE

Risks: Safety, Resiliency

Challenges

- Multiple day storm Sept. 16-19
- Impacts over hundreds of miles
- High winds, strong coastal wave, storm surge, floods
- Norton Sound sea level rise of 8-18 ft.
- Over 50 miles of fed-aid highway damaged

Solutions

- Local DOT&PF maintenance took early actions to reopen runways
- Emergency Declarations completed quickly
- Emergency Procurements prioritized
- Contractors, Communities, & DOT&PF staff teamed up to repair infrastructure
- Partnerships with DMVA, DEC, FAA, ANTHC, FEMA, FHWA, Local Governments & more



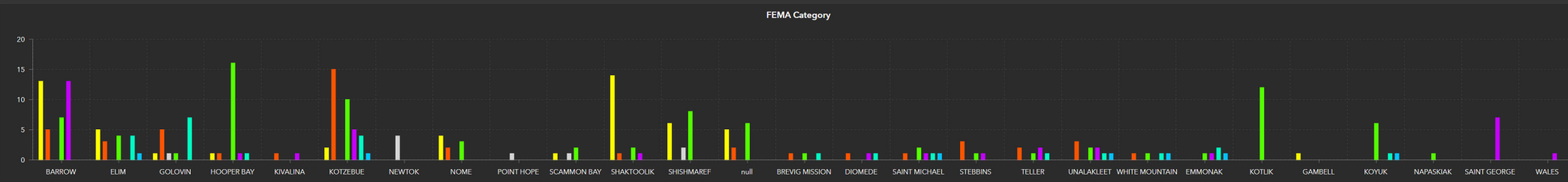
Photo Courtesy of Cheri McConnel;
Photos Courtesy of DOT&PF Storm Damage Survey



WEST COAST ALASKA STORM DAMAGES

Infrastructure Damage Estimates Exceed \$210m

Alaska DOT&PF West Coast Storm Response This dashboard is still being updated.



36

Damaged Communities

26

Communities Surveyed

Damaged Communities Surveyed

74%

West Coast Storm 2022 Damages map

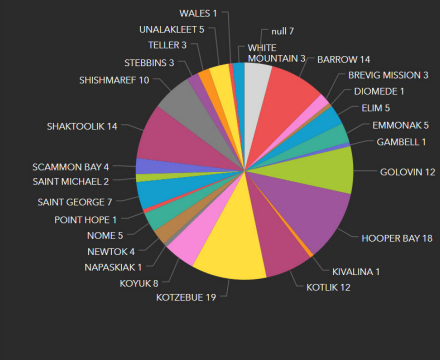


Earthstar Geographics

Damages as collected from Survey123 and other sources caused by the 2022 West Coast Storm

Map Table

Surveys Per Community



Legend

survey_Final

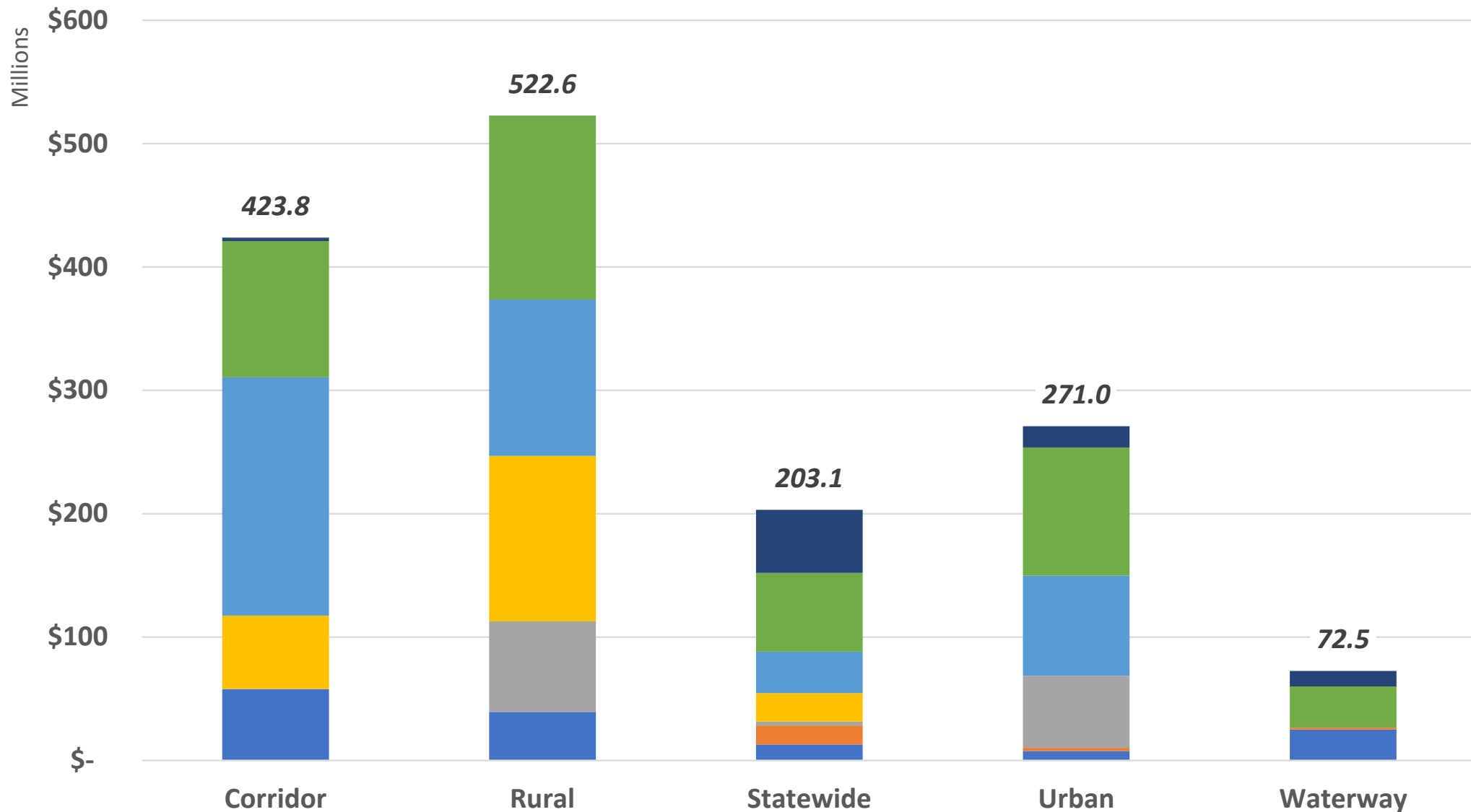
DamageAssessmentLines_Copy

Damage Assessment - 2022 West Coast Storm stakeholder - survey

Survey Point

Impacted Communities

GEOGRAPHIC AREAS BY STRATEGIC INVESTMENT AREA



■ Economic Vitality ■ Organizational ■ Other ■ Resiliency ■ Safety ■ SOGR



Thank you.

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Deputy Commissioner

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Please visit: [fhwa.dot.gov/bipartisan-infrastructure-law](https://www.fhwa.dot.gov/bipartisan-infrastructure-law)

