



Alaska Department of Transportation & Public Facilities

Senate Finance: Bipartisan Infrastructure Law in Transportation

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

NATIONWIDE IIJA* IN TRANSPORTATION

Funds highway programs for five years (FFY 22-26) with \$567.1 B

More than a dozen new programs for highways, bridges, transit, and airports

- **Formula:** resilience, carbon reduction, bridges, and electric vehicle (EV) charging infrastructure
- **Discretionary:** bridges, EV charging infrastructure, rural projects, resilience, wildlife crossings, and reconnecting communities

More opportunities for local governments and other non-traditional entities to access new funding

Program	(\$ B, FFY 22-26)
Federal Aviation Administration	\$25.0
Federal Highway Administration	\$350.8
Federal Transit Administration	\$91.2
Maritime Administration	\$2.3
National Highway Traffic Safety Administration	\$6.7

* *Infrastructure, Investment, and Jobs Action (IIJA), also known as the “Bipartisan Infrastructure Law (BIL)”*





US DOT IIJA FOCUS AREAS



Safety
Climate
Economic Strength
Equity
Transformation
Workforce

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				✓

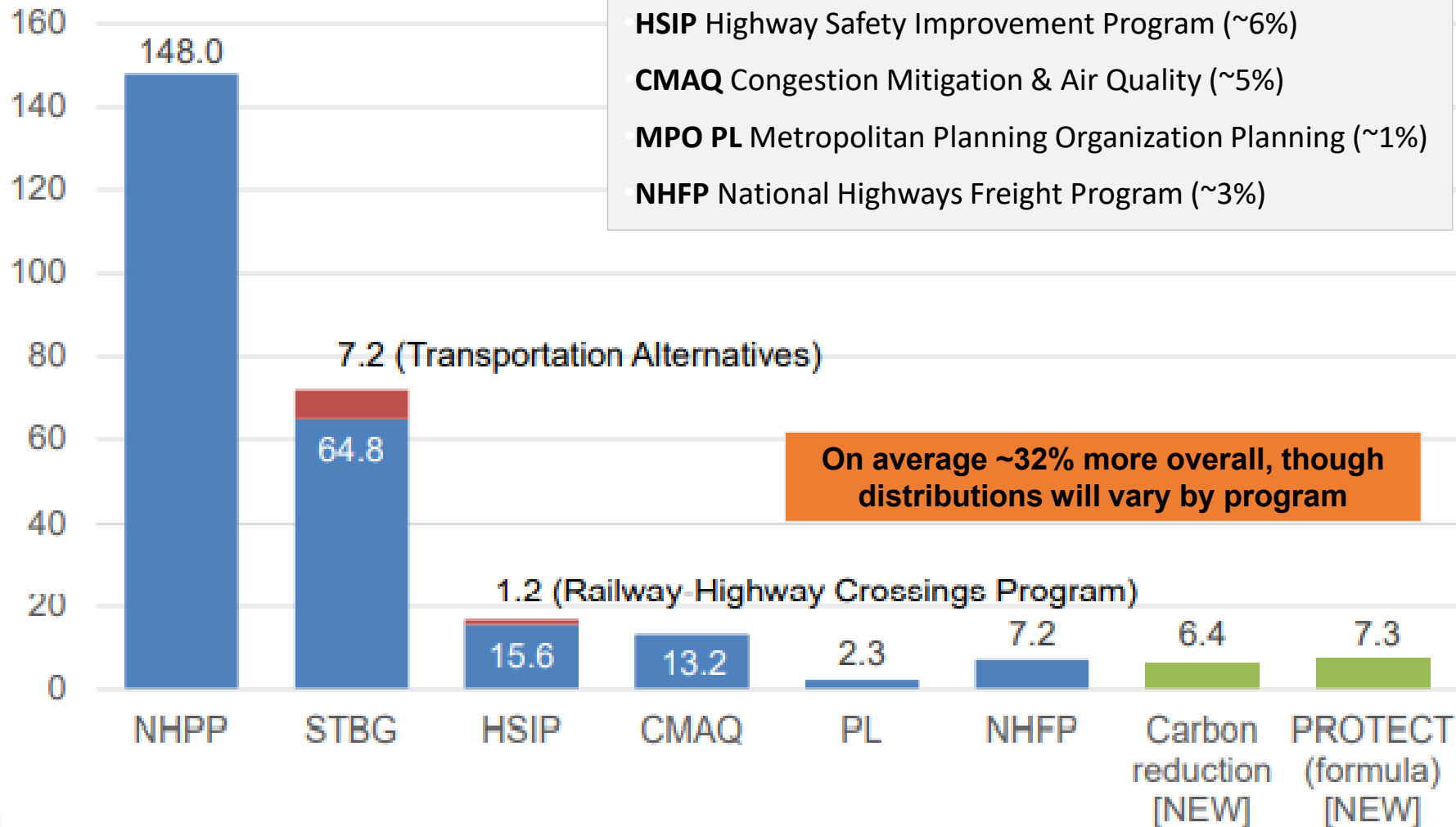


MPO: Municipal Planning Organization

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

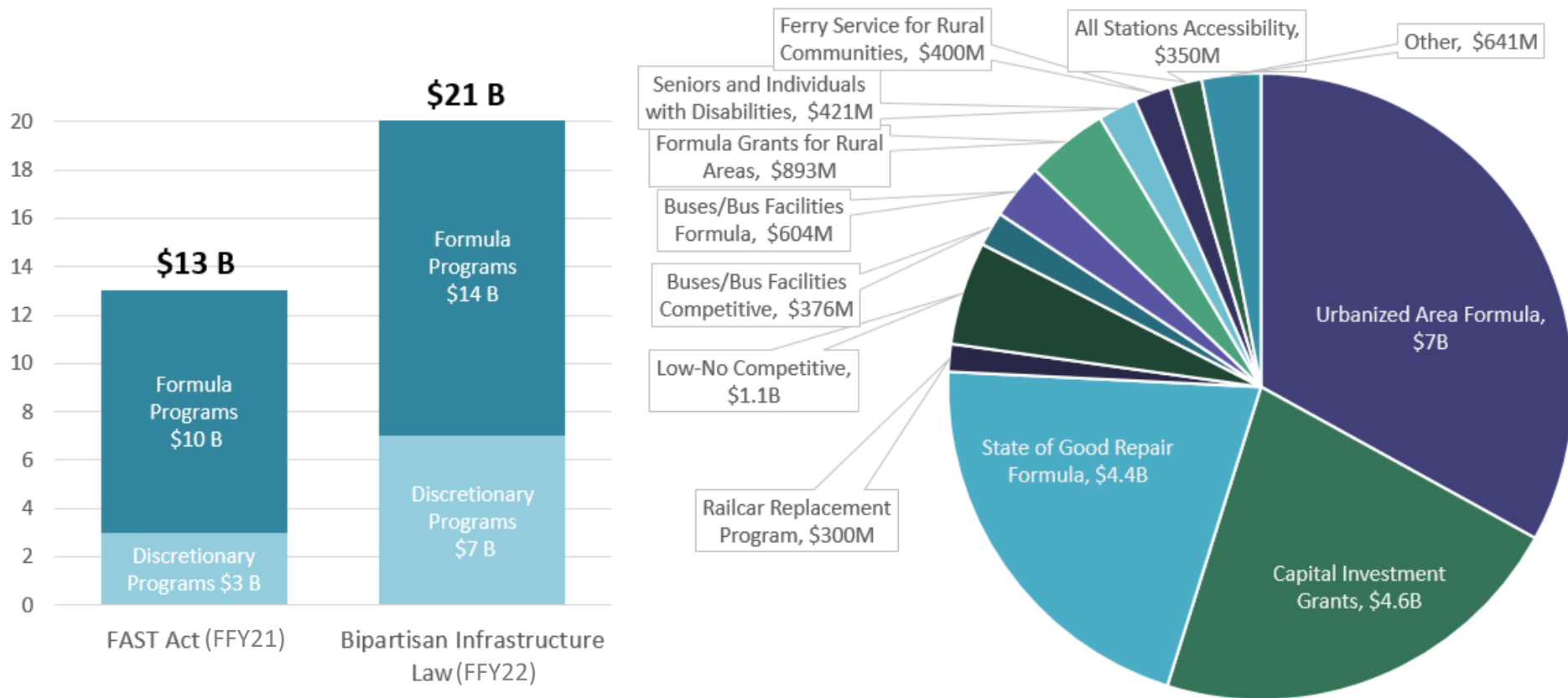
NATIONWIDE FEDERAL-AID HIGHWAY APPORTIONMENTS PROGRAMS

\$B, FFY 22-26



FEDERAL TRANSIT ADMINISTRATION: NATIONWIDE IIJA

Increased Formula and Competitive Funding



Note: Total funding shown includes authorized trust fund contract authority, authorized annual appropriations for FY22 and certain advance appropriations for FY22 enacted as a part of the Bipartisan Infrastructure Law. Annual appropriations are subject to Congressional action.



FAST: Fixing America's Surface Transportation

FAA FUNDING: NATIONWIDE AIR TRANSPORT SYSTEM

\$5B

AIR TRAFFIC FACILITIES

To replace facilities and equipment and improve safety, security, and environmental standards.

\$1 B/yr – Over 5 Years

- Addresses Physical Condition of Air Traffic Control (ATC) facilities
- Year 1 Funding
 - Sustainment
- Year 2-5 Funding
 - Continued Sustainment and ATC Facilities Replacement Ramps Up

\$15B

AIRPORT INFRASTRUCTURE

For airport projects that increase safety and expand capacity.

\$3 B/yr – Over 5 Years

- Formula Grants Based on Airport Improvement Program
- Up to \$2.4 B/yr Primary Airports
- Up to \$500 m/yr Non-Primary Airports
- \$20 m/yr for competitive grants for tower construction
- 3% funding may be used for administrative expenses

\$5B

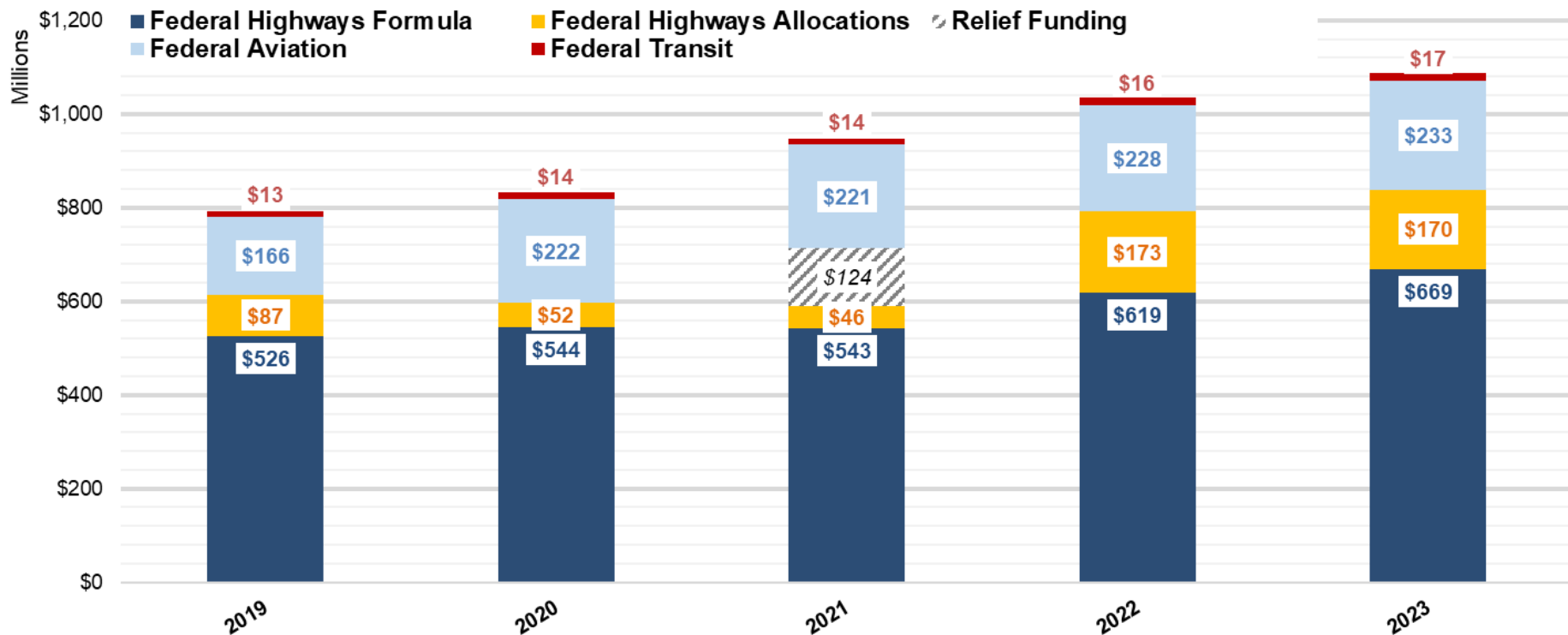
AIRPORT TERMINALS

To replace aging terminals and airport-owned towers, increase terminal energy efficiency and accessibility, and more.

\$1 B/yr – Over 5 Years

- Competitive Grant Program
- Airport terminals and airport-owned air traffic control towers
- Goals
 - Improve airfield safety
 - Replacing aging facilities
 - Increase capacity and passenger access
 - Encourage competition

FEDERAL TRANSPORTATION FUNDING IN ALASKA



Fiscal Year	Federal Highways		Relief Funding	Federal Aviation	Federal Transit	Total
	Formula	Allocations				
2019	\$526,269,793	\$87,364,461		\$166,000,000	\$13,493,968	\$793,128,222
2020	\$544,386,280	\$52,008,236		\$222,200,000	\$13,654,331	\$832,248,847
2021	\$543,009,285	\$46,434,890	\$124,402,044	\$220,500,000	\$13,677,640	\$948,023,859
2022	\$619,147,829	\$172,669,691		\$227,500,000	\$16,486,340	\$1,035,803,860
2023*	\$669,036,764	\$169,509,538**		\$232,500,000**	\$16,747,556	\$1,087,793,858
10 Year Total	\$5,341,913,925	\$611,858,895	\$124,402,044	\$1,974,900,000	\$127,606,344	\$8,180,681,208

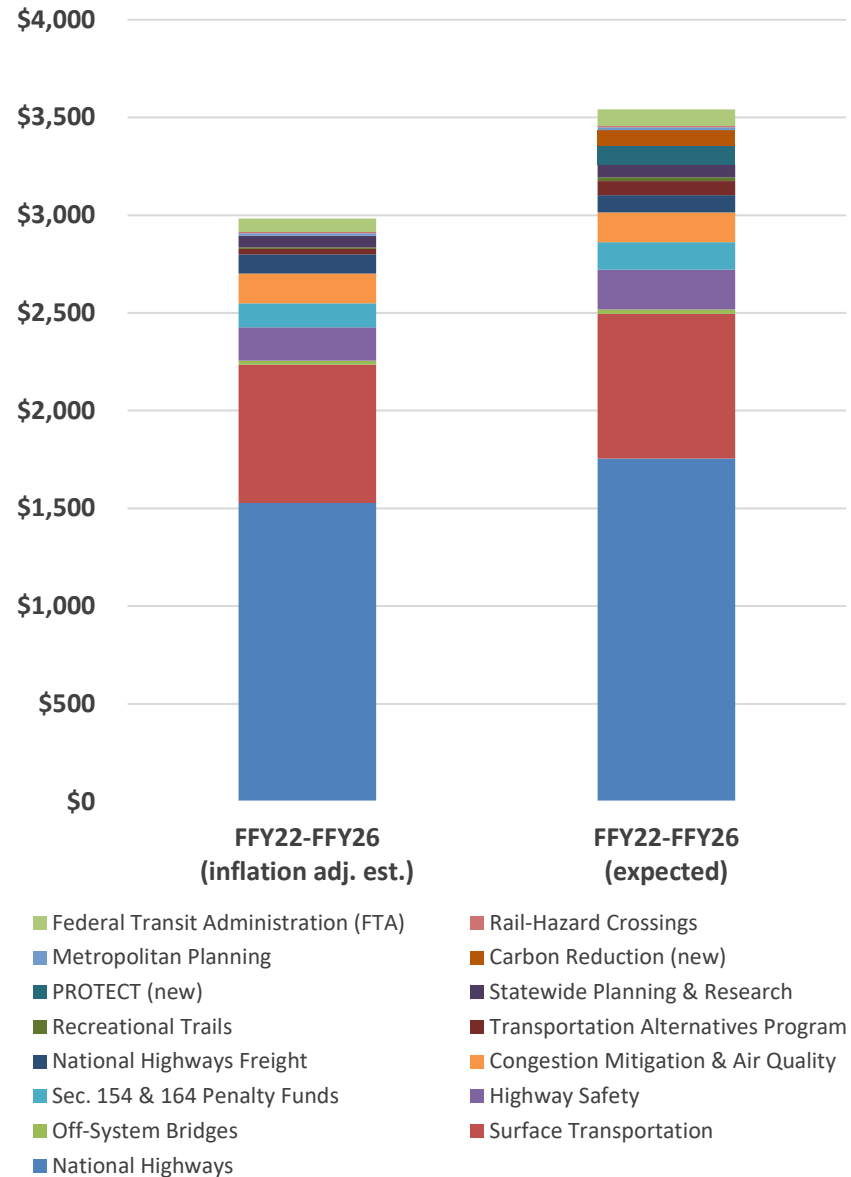
*Additional revenue anticipated from discretionary grant awards in 2023

**Projected; Awaiting full year funding to be provided, post omnibus approval

FEDERAL FORMULA PROGRAMS

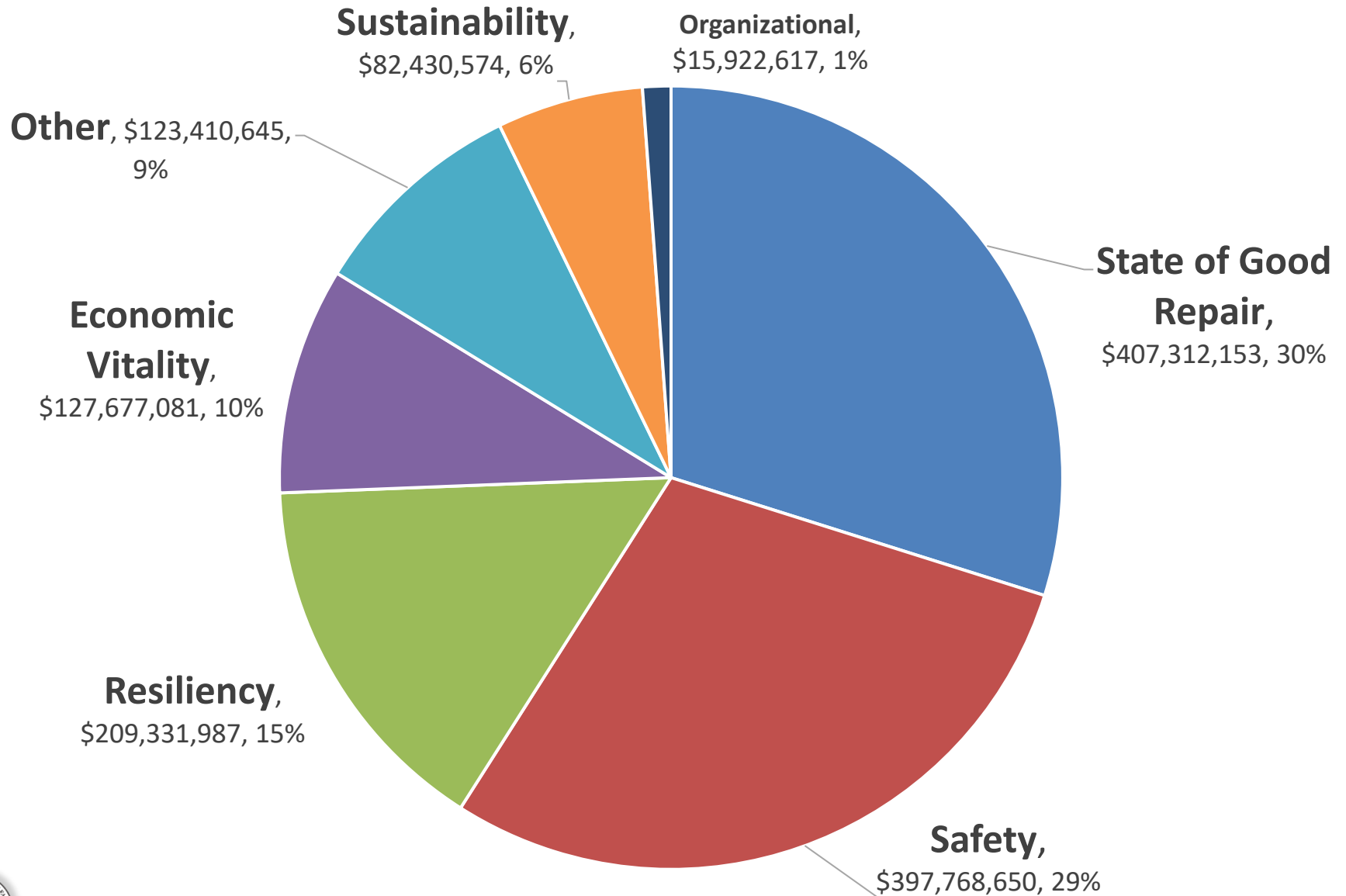
(IN MILLIONS)

	FAST	IIJA	FAST vs. IIJA 5-Year DELTA	Growth % of Total
	FFY22-FFY26 (inflation adj. est.)	FFY22-FFY26 (expected)		
National Highways	\$1,527.90	\$1,755.40	\$227.50	41.90%
Surface Transportation	\$706.70	\$739.20	\$32.60	6.00%
Off-System Bridges	\$21.90	\$22.90	\$1.00	0.20%
Highway Safety	\$169.80	\$203.50	\$33.70	6.20%
Sec. 154 & 164 Penalty	\$123.30	\$140.30	\$17.00	3.10%
Congestion Mitigation & Air	\$152.60	\$152.90	\$0.40	0.10%
National Highways Freight	\$98.30	\$88.70	(\$9.60)	-1.80%
Transportation Alternatives	\$27.90	\$71.10	\$43.20	8.00%
Recreational Trails	\$8.10	\$20.70	\$12.60	2.30%
Statewide Planning	\$57.90	\$65.20	\$7.30	1.30%
PROTECT (new)	\$0.00	\$93.10	\$93.10	17.10%
Carbon Reduction (new)	\$0.00	\$81.90	\$81.90	15.10%
Metropolitan Planning	\$12.90	\$15.60	\$2.70	0.50%
Rail-Hazard Crossings	\$6.50	\$6.40	(\$0.10)	0.00%
Federal Transit	\$68.80	\$85.00	\$16.20	2.90%
TOTAL	\$2,982.60	\$3,541.90	\$559.50	



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
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
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)**

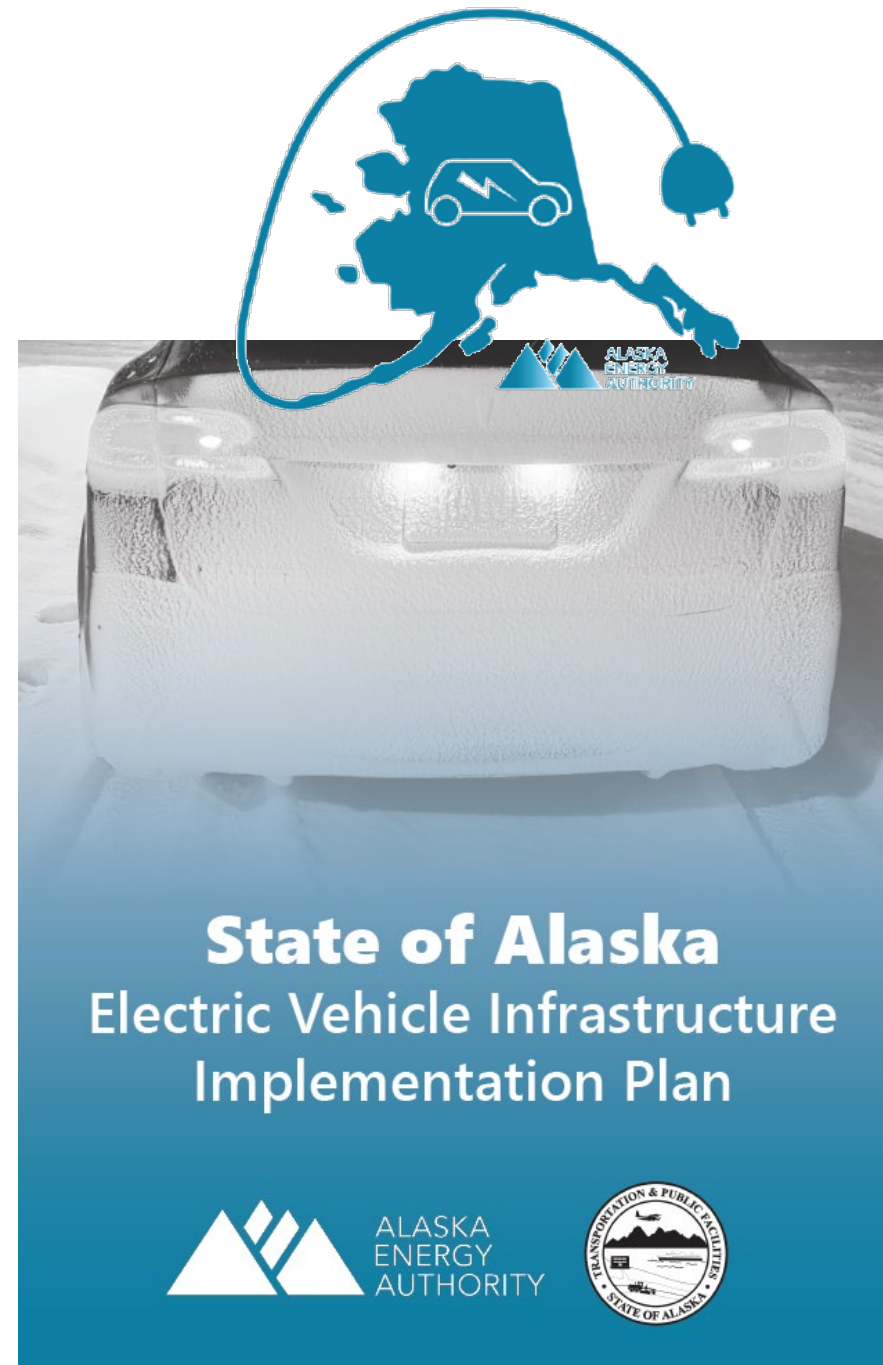
**Reconnecting Communities Pilot
Program**

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



NEVI PROGRAM

Cycle	Every 2 years
NOFO	CY2023 Quarter 2
Amount	\$52,000,000
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

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 program funds \$93.1m

Eligible Activities

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

Eligible Entities

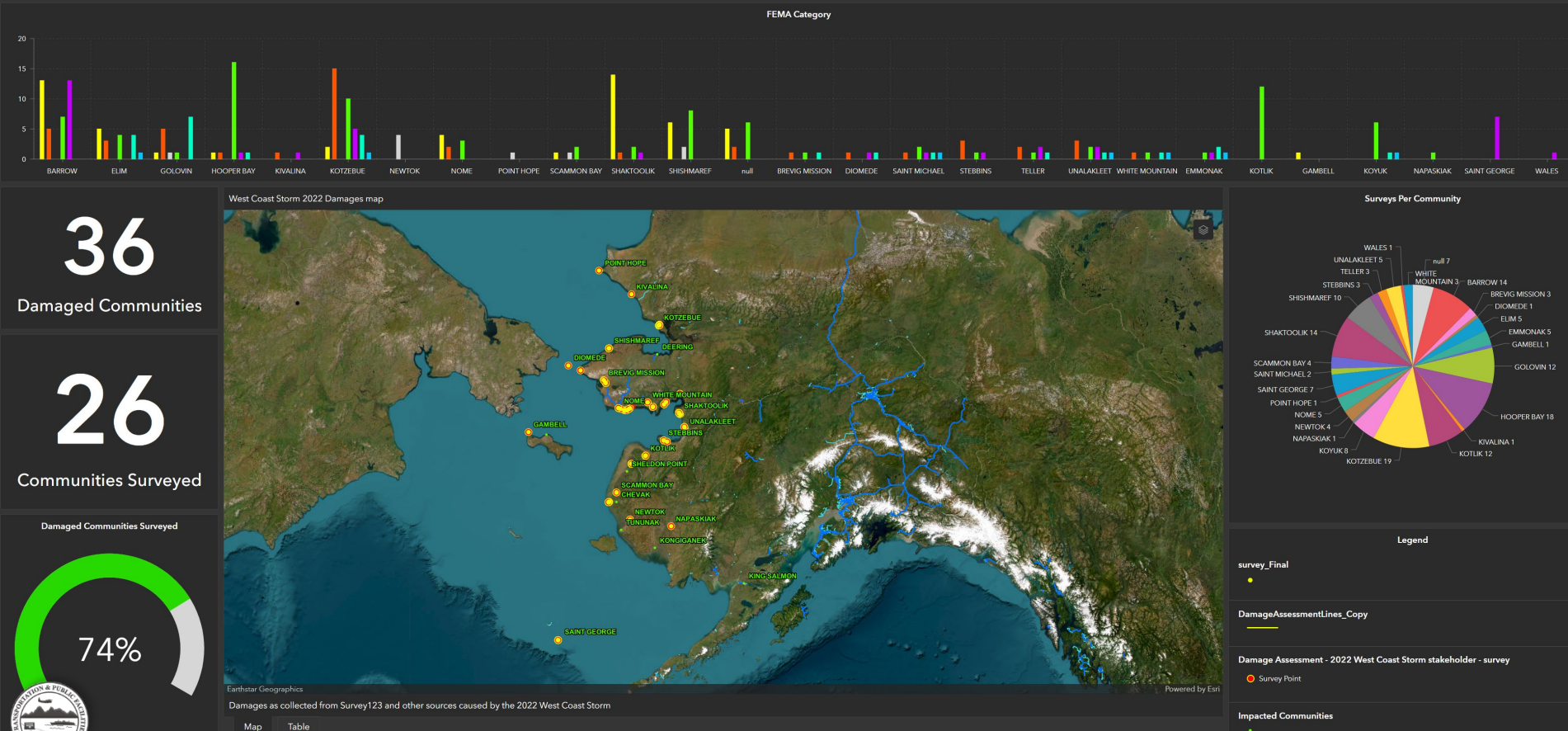
Local or community government, villages, tribal entities, & political subdivisions of government



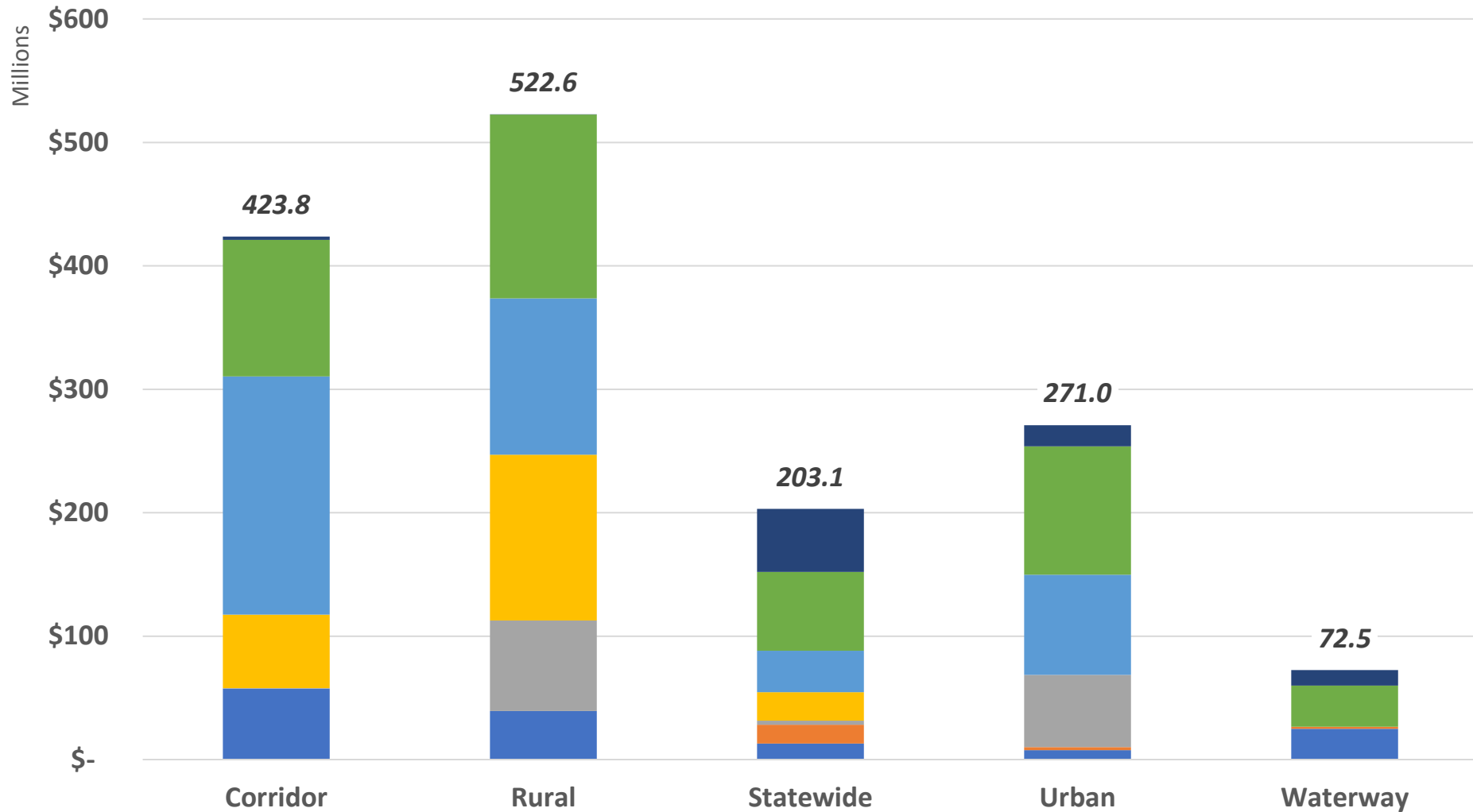
WEST COAST ALASKA STORM DAMAGES

Infrastructure Damage Estimates Exceed \$210m

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



GEOGRAPHIC AREAS BY STRATEGIC INVESTMENT AREA



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



COOPERATIVE PARTNERSHIPS



RPO

- Copper River Valley - RTPPO 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

Team-Embedded Consultants

Federal Land Managers

More Local Planning

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

Looking for more Partners!

DISCRETIONARY GRANTS



ALASKA
MUNICIPAL
LEAGUE



Port Improvement Development Projects

- Pelican - \$12,170,374
- Auke Bay - \$8,714,550
- Cordova, Chenega, and Tatitlek Port Bundle - \$28,248,386

MPDG (MEGA/INFRA/Rural)

- TRV - \$194,922,000
- Cordova, Chenega, and Tatitlek Port Bundle - \$25,109,676

NOAA Fish Passage

- Three Mile Creek - \$5,614,228

Culverts for Anadromous Fish Passage

Rural Ferry and Low/No Emission Ferry Program

- TRV Propulsion - \$85,610,480
- Mainliner Planning - \$8,591,616
- Auke Bay, Pelican, and PWS Docks - \$48,164,658
- Columbia, Tazlina, Matanuska, and Kennecott Vessel Bundle - \$72,065,545
- Operating - \$44,823,800

Bridge Improvement Program

- Kodiak Russian and Sargent Rivers – planning - \$1,288,000
- Ketchikan Ward Creek – construction - \$23,138,428.26
- Johnson and Gerstle River bundle – construction - \$73,901,504

>\$850M Submitted through Partnership





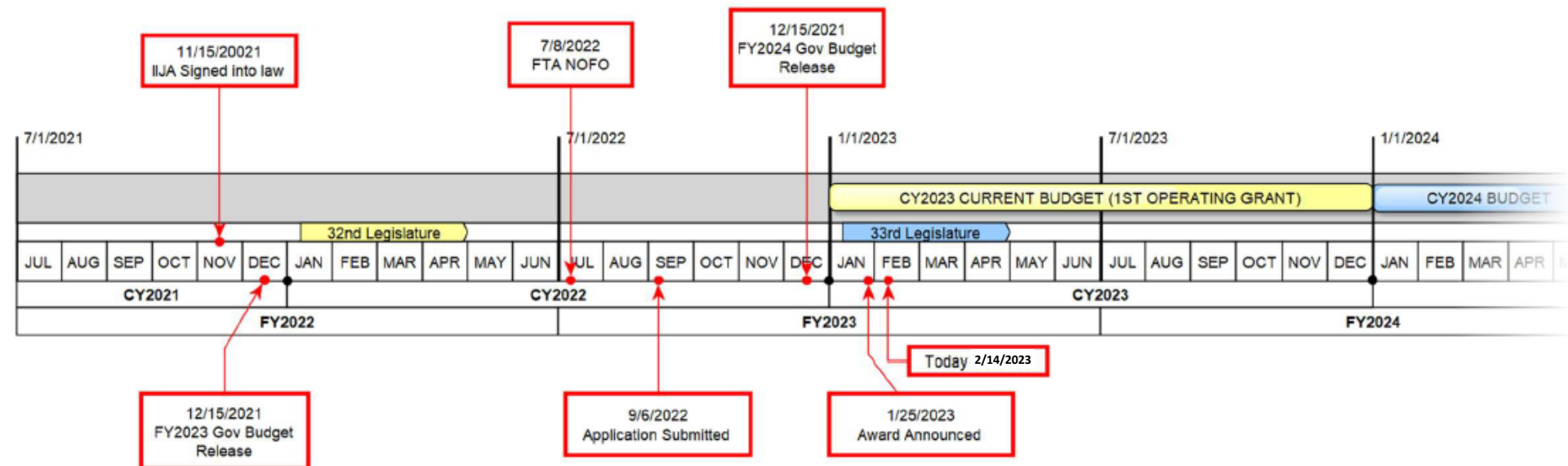
RURAL FERRY SERVICE GRANT & TIMELINE

Notice of Funding Opportunity (NOFO)

"Only net operating expenses are eligible for assistance."

Awarded \$285 Million in Infrastructure Funding

\$44.8M Operating / \$240.8M Capital



FEDERAL TRANSIT ADMINISTRATION (FTA) AWARDS DISCRETIONARY GRANTS

Application Title	Total Project	Federal Request
Infrastructure Upgrades/Repairs: 49% of Capital Request (39% docks/31% vessels)		
Critical Upgrades to Ferry Dock Infrastructure in Five Rural Alaska Communities	\$56,848,018	\$45,478,414
Modernization of Four Critical AMHS Vessels Necessary for Service and Environmental Benefits	\$90,081,932	\$72,065,546
New Builds: 51% of Capital Request		
Replacement of the M/V Tustumena Vessel Serving Rural Southwest Alaska	\$85,610,480	\$68,488,384
Cultivating a Systems Approach to Sustainable Transportation by Implementing Climate Responsive Ferry Vessel Options	\$57,767,509	\$46,214,008
Anticipating Future Service & Replacement Needs: Designing a New Alaska Mainliner	\$10,739,520	\$8,591,616
Operational Support		
Restoring the Health of the AMHS for Sustainable Operations to Rural Communities	\$89,647,600	\$44,823,800
Total All Awards	\$390,695,059	\$285,661,768
Total Capital	\$301,047,459	\$240,837,968
Total Operating	\$89,647,600	\$44,823,800

FTA AWARDS: VESSELS

Vessel Modernization—\$72 million award

- Columbia – modernization
- Matanuska—modernization
- Tazlina—increased route options
- Kennicott—improved environmental considerations

Vessel Replacement— Tustumena Replacement Vessel—\$68.5 million award

- Includes design updates of propulsion system, for safer, more efficient, public transportation

Design of a New Alaska Mainliner--\$8.5 million award

Supports the early steps for capital replacement of a mainliner for continued service to SE Alaska

Climate Responsive Ferry Vessel Options—\$46 million award

Increase service, efficiency, and sustainability of Alaska Ferry System for rural port communities.



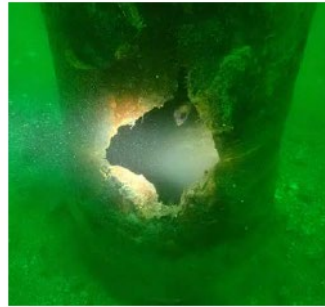


FTA AWARDS: DOCKS

Ferry Dock Infrastructure in Five Rural Alaska Communities— \$45.5 million award

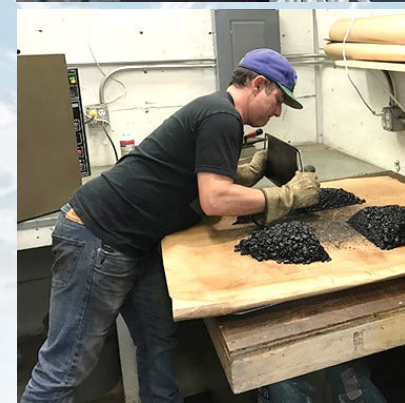
Increase the sustainability of five current rural AMHS port operations; the project will upgrade dock infrastructure in Juneau and Cordova, and replace current docks in Pelican, Tatitlek, and Chenega.

- Prince William Sound Dock Modifications—\$29.3m project total
- Tatitlek \$10.5m
- Chenega \$12.6m
- Cordova \$6.2m

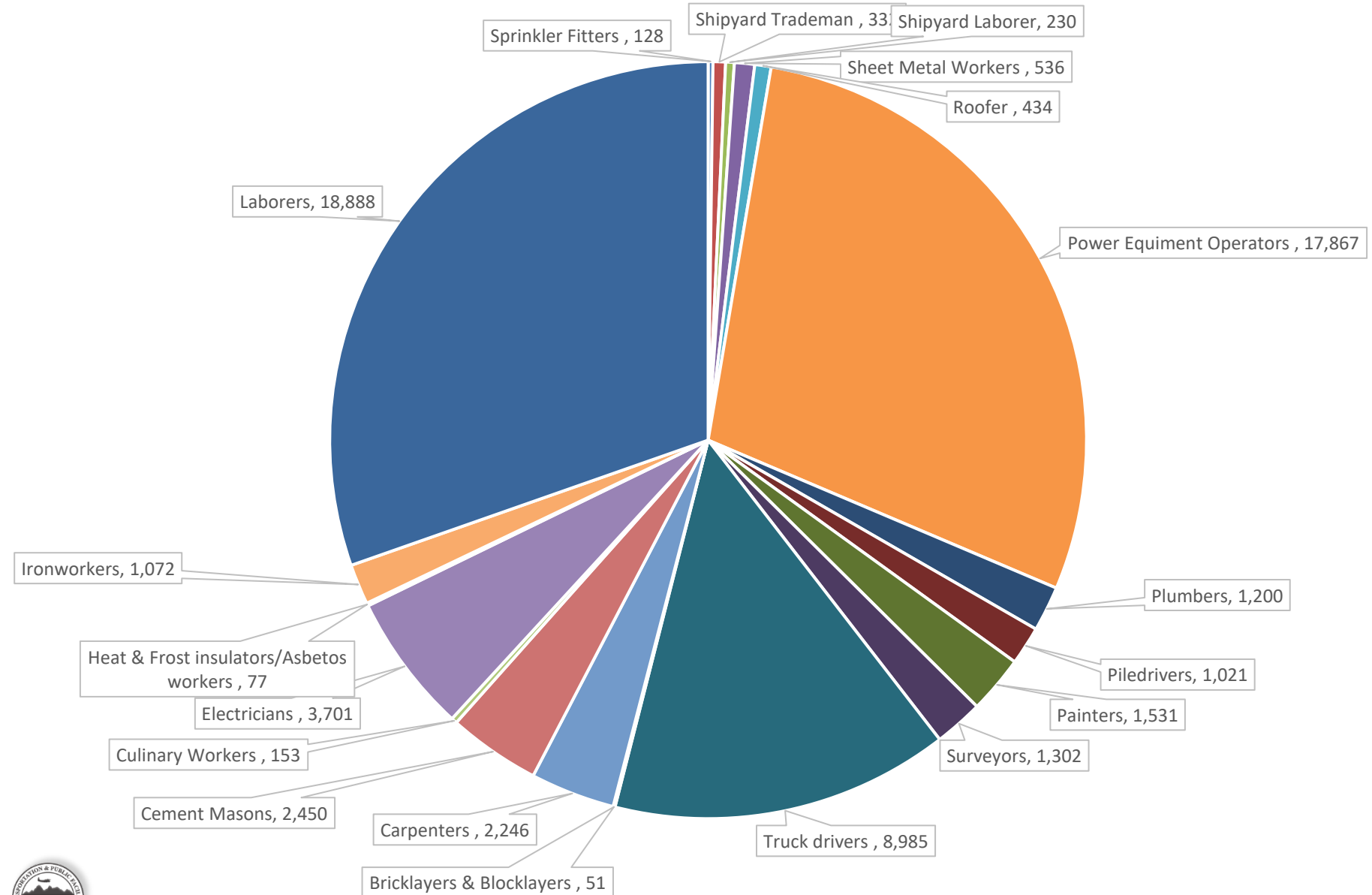


ORGANIZATIONAL EXCELLENCE

WORKFORCE
COMMUNICATION
CULTURE
INNOVATION
INFORMATION
RESOURCING
PROJECT DELIVERY



2023 CONSTRUCTION WORKFORCE: UNIQUE WORKERS



THANK YOU.

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