



**Alaska Department of Transportation &
Public Facilities**

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM & IIJA OVERVIEW

James Marks
Director of Program Development

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



Agenda

☐ **Statewide Transportation Improvement Program (STIP)**

- ☐ Federal & State Rules & Regulations
- ☐ STIP Composition
- ☐ Project Development Process

☐ **Federal Aid Highways Program (FAHP)**

- ☐ FAHP Characteristics, Roles & Responsibilities
- ☐ Lifecycle of FAHP Funding
- ☐ Infrastructure Investment & Jobs Act (IIJA)

☐ **The Year Ahead**

- ☐ Significant Outreach & Coordination
- ☐ Electronic STIP (eSTIP)
- ☐ Performance-Based Planning & Programming

Statewide Transportation Improvement Plan (STIP)

- The STIP is 4-year program required in federal regulations, (*23 USC 135 & 23 CFR 450*) & (*17 AAC 05.155*)
- The STIP lists federally funded surface transportation projects in the State
 - must be fiscally constrained
 - must be a public process
 - is approved by FHWA & FTA
- Failure to comply, jeopardize federal funding in Alaska
- State regulations distribute funding and define State programs, notably:
 - National Highway System (NHS)
 - Alaska Highway System (AHS)
 - Community Transportation Program (CTP)
 - Trails and Recreational Access for Alaskans (TRAAK)
- The State maintains a 10+ Year Extended STIP



STIP Composition

STATE PROGRAMS

Preservation

Maintenance

Bridges

Culverts

Safety

Transit, Rail & Freight

Information Systems

~25%

CAPITAL IMPROVEMENT PROGRAMS

National Highways System (NHS)

Alaska Highway System (AHS)

Alaska Marine Highway System (AMHS)

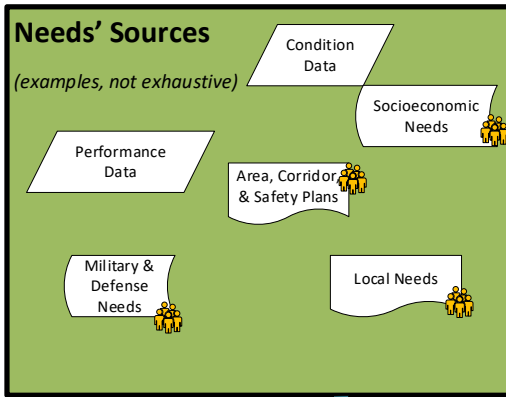
Community Transportation Program (CTP)

Transportation Alternatives Program (TAP)

~75%

The STIP Process

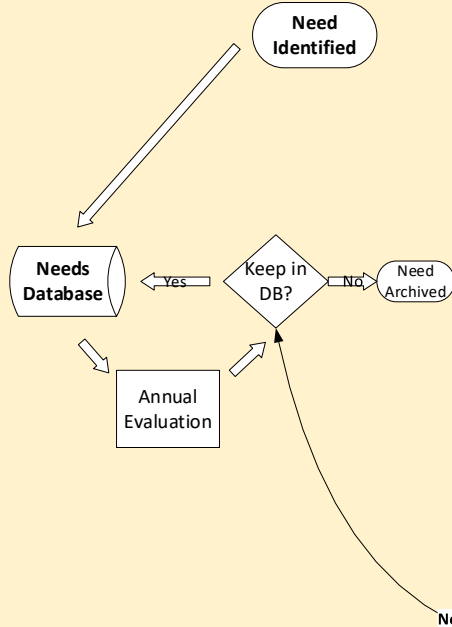
The simplified, but not exhaustive steps in project development



Represents times when the public is notified, solicited, or otherwise involved in the development process

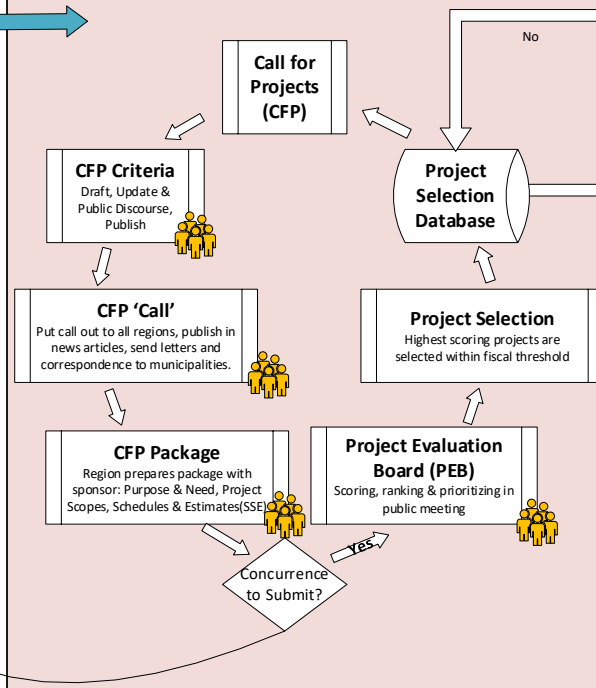
Needs Evaluation & Management

(simplified, not exhaustive)



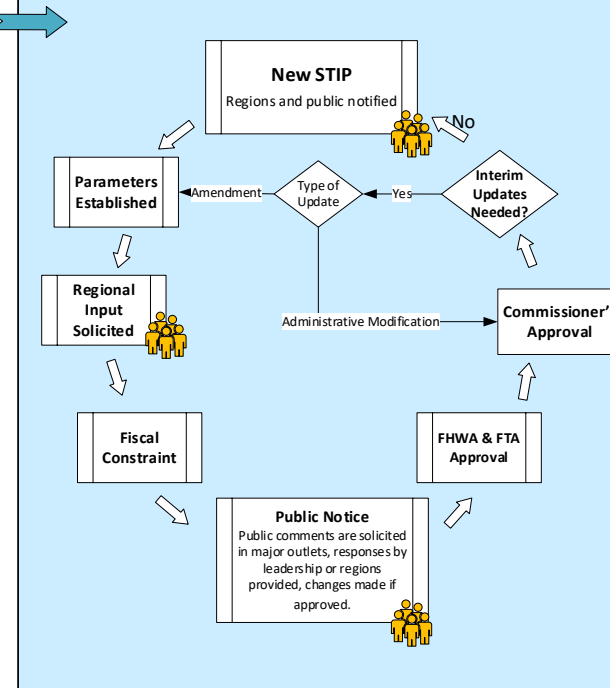
Call for Projects

(‘call’ criteria, project evaluation, scoring, ranking, & selection)



STIP Cycle

(‘call’ criteria, project evaluation, scoring, ranking, & selection)



Federal-Aid Highways Program (FAHP)

- **Characteristics**

- Federally-Assisted, State-Administered
- Funding tied to specific systems and programs
- States or local agencies pay for maintenance and match

- **Federal Highway Administration (FHWA) Role**

- Establish national highway policy, regulations, guidance, standards
- Review and approve state proposals
- Distribute funds and pay States

- **State and Local Role**

- Project conception, planning, design
- Construction of projects
- Maintenance & operation of highways

Steps to FAHP Funding: 4 A's and 2 O's

Authorization
Appropriation

Legislative actions

(United States Congress)

Apportionment
Allocation

Distribution of funding

(US DOT, Federal Highways Administration)

Obligation
Outlay

Commitment and expenditure

Infrastructure Investment & Jobs Act (IIJA)

Authorization

Appropriation

Apportionment

Allocation

Obligation

Outlay

- ❑ 5 Year Transportation Authorization
- ❑ Around \$550 B in new Federal infrastructure investment, including largest investments ever in:
 - ❑ public transit
 - ❑ dedicated bridge
 - ❑ clean water
 - ❑ clean energy
 - ❑ electric vehicle infrastructure
- ❑ ~\$664M for Alaska in Apportionment
- ❑ Significant # of Discretionary Grants

Infrastructure Investment & Jobs Act (IIJA)

Authorization

Appropriation

Apportionment

Allocation

Obligation

Outlay

- ☐ FFY22 Federal Appropriations have not occurred
- ☐ Operating under a Continuing Resolution
- ☐ Rule-making still underway for new programs, such as:
 - ☐ Expanded Eligibility for STBG, HSIP, etc.
 - ☐ EV Charging Infrastructure
 - ☐ Carbon Reduction program
 - ☐ PROTECT formula and grants
 - ☐ Ferry Capital and Operating grants

Federal-Aid Highway Apportionments

Authorization
Appropriation

Apportionment
Allocation

Obligation
Outlay

- **NHPP**

- National Highways Performance Program (~58%)

- **STBG**

- Surface Transportation Block Grants (~27%)

- **HSIP**

- Highway Safety Improvement Program (~6%)

- **CMAQ**

- Congestion Mitigation & Air Quality (~5%)

- **NHFP**

- National Highways Freight Program (~3%)

- **MPO PL**

- Metropolitan Planning Organization Planning (~1%)

Statutory Apportionment Formula

Federal Fiscal Year 2022

Step 1.

Set lump sum for all apportioned programs & States



52.5B Nation-Wide

Step 2.

Calculate State's total



664.3M for Alaska

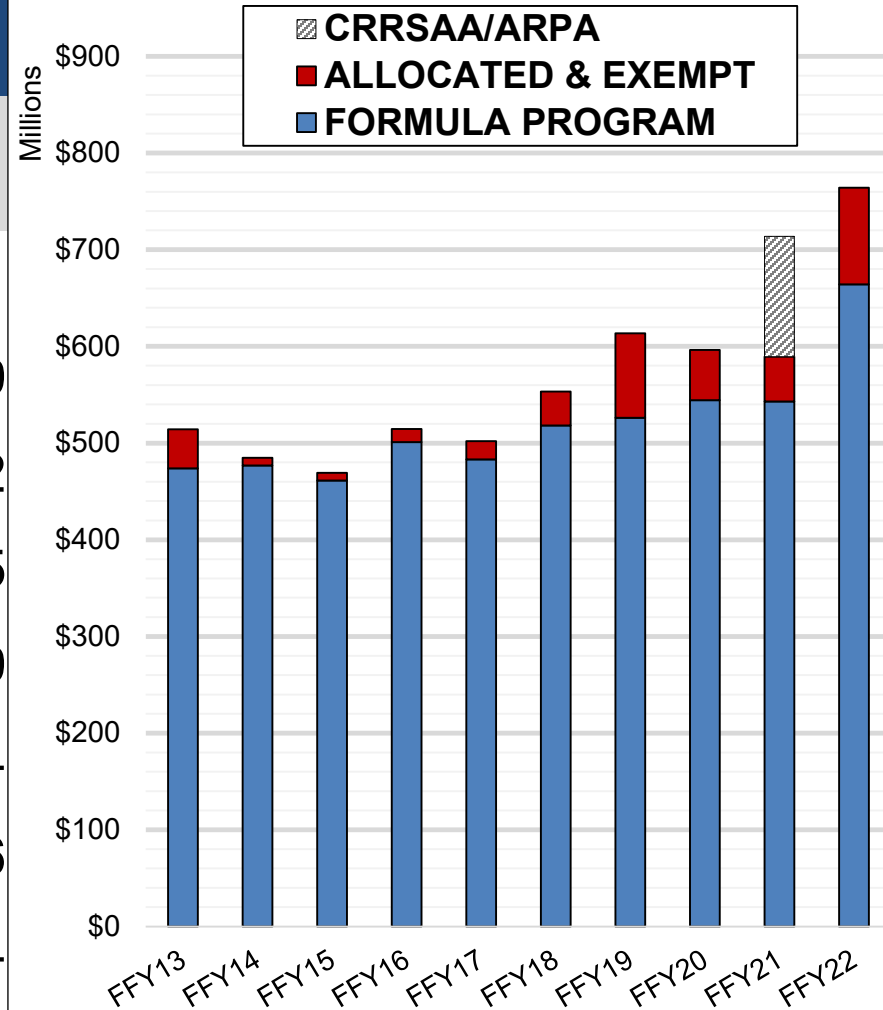
Step 3.

Distribute among State's apportioned programs

\$ million for AK	
NHFP	17.4
CMAQ	30.0
MPO PL	3.0
NHPP	362.7
STBG	176.5
RHC	1.2
Carbon R.	15.7
PROTECT	17.9
HSIP	39.9
664.3	

Alaska Apportionments, Over Time

	APPORTIONED	ALLOCATED	RELIEF FUNDING*	TOTAL
<i>Program Examples</i>	<i>NHPP, STP, HSIP, CMAQ, NHFP, & MPO PL</i>	<i>HIP, Bridge, Earmarks, Ferries, Emergency Relief etc.</i>	<i>ARPA, CRRSAA, etc.</i>	
FFY13	\$473.9	\$40.2		\$514.1
FFY14	\$476.8	\$8.1		\$484.9
FFY15	\$461.2	\$8.0		\$469.2
FFY16	\$500.9	\$13.6		\$514.5
FFY17	\$483.1	\$18.8		\$501.9
FFY18	\$518.1	\$35.3		\$553.4
FFY19	\$526.3	\$87.3		\$613.6
FFY20	\$544.4	\$52.0		\$596.4
FFY21	\$548.9	\$46.4	\$124.4*	\$719.7
FFY22	\$664.3	\$100.0**		\$764.3



*This is not all-inclusive of relief funding from other sources, e.g. transit

**Estimated place-holder for other allocated & exempt funds, e.g. Bridge, Ferry, Emergency Relief

Alaska Apportionments and Set-Asides

(in millions, est.)

Federal Program	FFY21	FFY22	Δ	Δ %
National Highways	287.8	337.3	49.5	17.2%
Surface Transportation	133.1	142.0	8.9	6.7%
Off-System Bridges	4.1	4.4	0.3	6.7%
Highway Safety	32.0	39.1	7.1	22.2%
Sec. 154 & 164 Penalty Funds	23.2	27.0	3.7	16.1%
Congestion Mitigation & Air Quality	28.7	29.4	0.6	2.2%
National Highways Freight	18.5	17.0	-1.5	-8.0%
Transportation Alternatives Program	5.3	13.7	8.4	160.1%
Recreational Trails	1.5	4.0	2.4	160.1%
Statewide Planning & Research	10.9	12.5	1.6	14.9%
PROTECT (new)	0	17.9	17.9	
Carbon Reduction (new)	0	15.7	15.7	
Metropolitan Planning	2.4	3.0	0.5	23.1%
Rail-Hazard Crossings	1.2	1.2	0	0.0%
Sub-Total	548.9	664.3	115.4	21.0%



Alaska Apportionment, 5 year Change

(in millions, est.)

Federal Program	FAST	IJJA		
Apportionments, Set-Asides & Penalties	FFY22-FFY26 (inflation adj. est.)	FFY22-FFY26 (expected)	FAST vs. IJJA 5 Year DELTA	Growth % of Total
National Highways	\$1,527.9	\$1,755.4	\$227.5	41.9%
Surface Transportation	\$706.7	\$739.2	\$32.6	6.0%
Off-System Bridges	\$21.9	\$22.9	\$1.0	0.2%
Highway Safety	\$169.8	\$203.5	\$33.7	6.2%
Sec. 154 & 164 Penalty Funds	\$123.3	\$140.3	\$17.0	3.1%
Congestion Mitigation & Air Quality	\$152.6	\$152.9	\$0.4	0.1%
National Highways Freight	\$98.3	\$88.7	-\$9.6	-1.8%
Transportation Alternatives Program	\$27.9	\$71.1	\$43.2	8.0%
Recreational Trails	\$8.1	\$20.7	\$12.6	2.3%
Statewide Planning & Research	\$57.9	\$65.2	\$7.3	1.3%
PROTECT (new)	\$0.0	\$93.1	\$93.1	17.1%
Carbon Reduction (new)	\$0.0	\$81.9	\$81.9	15.1%
Metropolitan Planning	\$12.9	\$15.6	\$2.7	0.5%
Rail-Hazard Crossings	\$6.5	\$6.4	-\$0.1	0.0%
TOTAL	\$2,913.7	\$3,456.9	\$543.2	

SURFACE TRANSPORTATION BLOCK GRANTS

❑ Most Flexible FAHP Funds

❑ New Eligibilities, including but not limited to:

- ❑ Ice Roads & Seasonal Road Maintenance
- ❑ Wildlife-vehicle Collision Mitigation & Remediation
- ❑ EV Charging Infrastructure
- ❑ Rural Barge Landing, Dock, Waterfront Infrastructure
- ❑ Travel & Tourism Enhancement

❑ Limited New Money

- ❑ STBG Increase from FFY21 – FFY22 ~6.7%
- ❑ Inflation from Jan. 2021 to Jan. 2022 was 7.0%

FAHP Allocations

A_uthorization
A_ppropriation

A_pportionment
A_llocation

O_bligation
O_utlay

- ☐ HIP Bridge Program (~\$45M)
- ☐ Ferry Boat Funds (~\$25-35M)
- ☐ EV Infrastructure (~\$7M)
- ☐ Emergency Relief (~\$25M FFY22)
- ☐ Earmarks
- ☐ Discretionary Grants

**Awaiting Appropriation Bill to see:
What Else?**

“Obligation Limit” (Ob Limit) functions like “Catch Limit”

“Apportionment” are the fish in the ocean!

Alaska
Catch
Limit

9

Authorization

Appropriation

Apportionment

Allocation

Obligation

Outlay

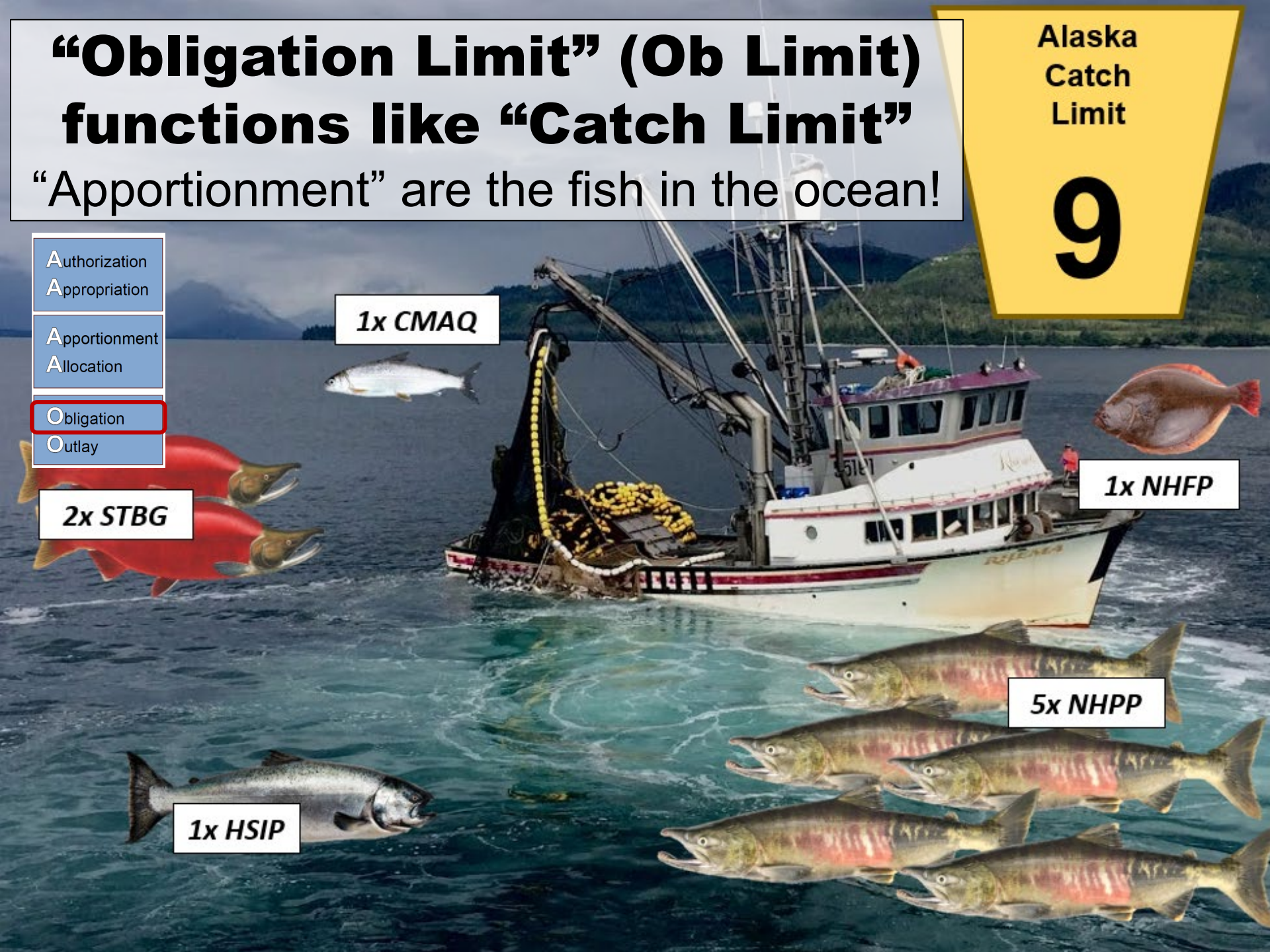
1x CMAQ

2x STBG

1x NHFP

5x NHPP

1x HSIP



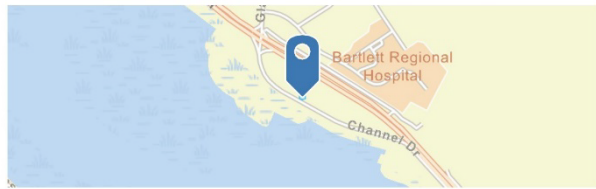
The Year Ahead...

- ☐ Survey of Alaskans, Phase II
- ☐ Grant Coordination & Clearinghouse
- ☐ Outreach, Coordination & Collaboration
- ☐ Call for Projects
- ☐ Next STIP 2022-2025
- ☐ Electronic STIP (eSTIP)

× Survey of Alaskans 📶 ☰

Please move the pin on the map to the position that best represents the location of the item that you want to comment about.

📍 58°20'N 134°28'W ± 12.1 m ×

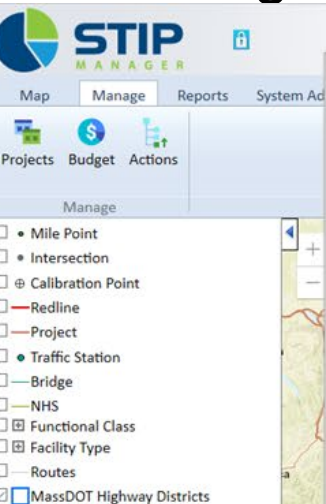


Which mode of transportation would you like to comment about? Please choose one.

- ☐ Road and Highways
- ☐ Aviation System and Airports
- ☐ Nonmotorized Infrastructure (bike lanes, multiuse paths, trail systems)
- ☐ Marine Highway and marine infrastructure

eSTIP: Efficiency & Effectiveness

- ❑ Automation of functions and tasks
- ❑ Reporting & analytics
- ❑ Integrating with DOT and FHWA Systems



Budget

Manage - Budget - Fiscal Constraints

STIP 2019 - 2023 (A) Year 2019

View Pie Chart

FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	ACTUAL OBLIGATIONS	ACTUAL BALANCE REMAINING
National Highway Performance	\$330,408,738	\$2,052,831	\$-19,000,000	\$313,461,569	\$524,999	\$312,936,570	\$13,000	\$313,448,569
National Highway Freight Program	\$20,183,090	\$11,240,671	\$-10,000,000	\$21,423,761	\$595,455	\$20,828,306	\$160,000	\$21,263,761
STBG (FLEX)	\$44,510,150	\$7,561,590	\$1,500,000	\$53,571,740	\$34,000	\$53,537,740	\$0	\$53,571,740
STBG (NON-FLEX)	\$85,656,899	\$13,634,407	\$0	\$99,291,306	\$0	\$99,291,306	\$0	\$99,291,306
Boston Urban Area	\$53,475,919	\$12,912	\$0	\$53,488,831	\$0	\$53,488,831	\$0	\$53,488,831
Barnstable Urban Area	\$3,227,295	\$4,642,512	\$0	\$7,869,807	\$0	\$7,869,807	\$0	\$7,869,807
Springfield Chicopee Holyoke	\$6,954,313	\$1,430,932	\$0	\$8,385,245	\$0	\$8,385,245	\$0	\$8,385,245
Worcester Urban Area	\$5,933,869	\$0	\$0	\$5,933,869	\$0	\$5,933,869	\$0	\$5,933,869
Providence Pawtucket	\$3,404,963	\$7,040,962	\$0	\$10,445,925	\$0	\$10,445,925	\$0	\$10,445,925
Other Areas (Rural & Small Urban)	\$12,660,540	\$507,089	\$0	\$13,167,629	\$0	\$13,167,629	\$0	\$13,167,629
Bridge-Off System	\$28,456,838	\$68,434,615	\$0	\$96,891,453	\$40,000	\$96,851,453	\$10,000	\$96,881,453
Recreational Trails	\$1,186,729	\$1,320,913	\$0	\$2,507,642	\$258,333	\$2,249,309	\$0	\$2,507,642
TAP (FLEX)	\$5,483,782	\$3,736,092	\$0	\$9,219,874	\$0	\$9,219,874	\$8,000	\$9,211,874
TAP (NON-FLEX)	\$5,483,783	\$3,606,808	\$0	\$9,090,591	\$0	\$9,090,591	\$5,000	\$9,085,591
Boston Urban Area	\$3,423,546	\$0	\$0	\$3,423,546	\$0	\$3,423,546	\$5,000	\$3,418,546
Barnstable Urban Area	\$206,613	\$473,882	\$0	\$680,495	\$0	\$680,495	\$0	\$680,495
Springfield Chicopee Holyoke	\$445,217	\$0	\$0	\$445,217	\$0	\$445,217	\$0	\$445,217
FEDERAL AID TOTAL >	\$656,902,571	\$316,136,577	\$0	\$973,039,148	\$8,083,091	\$964,956,057	\$196,000	\$972,843,148
STATE MATCH FOR FEDERAL AID					\$1,552,273		\$21,100	
NON-FEDERAL AID + FEDERAL AID TOTAL					\$9,635,364		\$217,100	

Add New Save Changes Discard Changes Print View in Excel

eSTIP: Public Engagement & Involvement

Program

Investment Type

STIP Year

Find

Clear

Basemap

Reports

Search STIP Projects

STIP ID: 1336

Project Detail Report

Municipality: Jamestown

Program: Active Transportation Program

Name: Narragansett Avenue Resurfacing and Sidewalks (End to Howland Ave.)

Description: This line item involves reclamation and mill and fill of Narragansett Avenue, alongside pedestrian and safety improvements through the route.

Search Results

STIP ID	Name	Municipality	2023	2024	2025	2026	2027	2028	2029	2030
1329	Rt-94, Reynolds Rd (Foster T/L to US-44)	Glocester		\$ 0.2000	\$ 1.9000	\$ 4.1500	\$ 0.1500			
1332	Clarks Falls Rd (Connecticut S/L to Main St)	Hopkinton					\$ 0.2000	\$ 2.1000	\$ 0.6500	\$ 0.1500
1336	Narragansett Avenue Resurfacing and Sidewalks (End to Howland Ave.)	Jamestown			\$ 0.1000	\$ 1.1500	\$ 1.1000	\$ 0.1500		
1337	Rt-5, Atwood Ave (Central Ave to Rt-14)	Johnston				\$ 0.1000	\$ 1.4500	\$ 1.7000	\$ 0.1000	

* Project can not be mapped

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Questions?

JAMES MARKS

Division Director

W. (907)465-6971

JAMES.MARKS@ALASKA.GOV

