Roads and Highways Advisory Board Meeting February 23rd, 2018 – 10:00 AM – 2:00PM Conference Room TBD

<u>Board Members</u>: John Baker, Scott Eickholt, Donna Gardino, Daniel Hall, Anton Johansen, Harry McDonald, Howard Thies

- 1. Call to Order
- 2. Board Roll Call to Establish Quorum
 - a. Welcome and Introduction of other participants
- 3. Approval of Agenda
- 4. Elect Chair and Vice Chair
- 5. Welcome by host, Commissioner Luiken
- 6. Commissioner Luiken
 - a. Bylaws
 - b. How this board is financed
- 7. STIP 101 Mike Vigue
 - a. Operating and Capital Budgets Amanda Holland/Mike Vigue/Marc Luiken
- 8. Board Comments
- Next Meeting

 Topics requested by board
- 10. Adjourn



Alaska Department of Transportation & Public Facilities

Statewide Transportation Improvement Program Capital Budget Overview Roads and Highways Advisory Board

Michael Vigue Director, Program Development & Statewide Planning February 23, 2018

Keep Alaska Moving through service and infrastructure

Our DOT&PF People: Alaskans Serving Alaskans

- Jaime Isaak
 - Headquarters/Statewide Project Control
 - Lifelong Alaskan. Married to a licensed Marine Engineer with the AMHS with two children.
 - Nine year DOT&PF employee, seventeen years of service for the State of Alaska.
- Project Control for Headquarters (HQ) and Statewide projects. Financial programming of capital project funds and quarterly reporting of over 300 active projects administered through HQ. Responsible for completion and submission of the Financial Statistical Reports, due annually to the FHWA, in order to obtain our federal funding.
- Jaime contributes to our Department's mission daily by providing thorough management of her project control functions and a commitment to assist in the efficient delivery of transportation projects that directly benefit Alaskans.
- Jaime's commitment to excellence through continually improving her performance, providing quality service, and the assisting the efficient delivery of capital projects makes her a valuable and integral member of the ONE DOT&PF Family.



Outline

- Capital Budget Overview
- FAST Act Brief
- What is the STIP?
- How is the STIP regulated?
- What is unique about transportation funding in Alaska?
- How are projects selected for the STIP?
- What programming considerations exist?
- What STIP tools are available?

FY2019 Governor's Proposed Capital Budget

Project Listing with Funding Detail (1161) FY2019 Governor

Department of Transportation/Public Facilities

* Indi

RefNum	AP/AL	Location	Project Title		Fund Source Total	Project Total
47702	AP	Adak	Adak Airport Maintenance and Operations			\$52,000
				1190 Adak Ops	\$52,000	
30624	AP	Statewide	Alaska Marine Highway System Vessel Overhaul, Anr Rehabilitation	nual Certification and	Shoreside Facilities	\$13,500,000
				1004 Gen Fund	\$13,500,000	
52032	AP	Statewide	Public and Community Transportation State Match			\$1,000,000
				1004 Gen Fund	\$1,000,000	
30628	AP	Statewide	State Equipment Fleet Replacement			\$15,000,000
				1026 Hwy Capitl	\$15,000,000	
61884	AP	Statewide	Federal-Aid Highway Project Match Credits			\$1,136,100
				1005 GF/Prgm	\$1,136,100	
60772	AP *	Statewide	Federal Program Match			\$70,100,000
				1003 G/F Match	\$6,308,730	
				1197 AK Cap Inc	\$42,000,000	
				1213 AHCC Rcpts	s \$21,791,270	
6896	AL	Statewide	Federal-Aid Aviation State Match			\$10,800,000
				1003 G/F Match	\$5,008,730	
				1213 AHCC Repts	s \$5,791,270	
32609	AL	Statewide	Federal-Aid Highway State Match			\$58,000,000
				1197 AK Cap Inc	\$42,000,000	
				1213 AHCC Repts	s \$16,000,000	
41923	AL	Statewide	Other Federal Program Match			\$1,300,000
				1003 G/F Match	\$1,300,000	
7470	AP *	Statewide	Airport Improvement Program			\$221,500,000
				1002 Fed Rcpts	\$200,000,000	
				1027 Int Airprt	\$11,500,000	
				1112 IntAptCons	\$10,000,000	
61000	AL	Statewide	Alaska International Airport System			\$81,500,000
				1002 Fed Rcpts	\$60,000,000	
licates an appropria	tion with	allocations (amounts no	t included in totals) State of Alaska		Released Decem	ber 15, 2017

Office of Management and Budget

Released December 15, 2017 Page 17 of 19

FY2019 Governor's Proposed Capital Budget (2)

Project Listing with Funding Detail (1161) FY2019 Governor

Department of Transportation/Public Facilities

RefNum /	AP/AL	Location	Project Title		Fund Source Total	Project Total
61000	AL	Statewide	Alaska International Airport System			\$81,500,000
				1027 Int Airprt	\$11,500,000	
				1112 IntAptCons	\$10,000,000	
61033	AL	Statewide	Rural Airport Improvement Program			\$140,000,000
				1002 Fed Rcpts	\$140,000,000	
32610	AP	Statewide	Surface Transportation Program			\$600,000,000
				1002 Fed Rcpts	\$600,000,000	
6764	AP *	Statewide	Statewide Federal Programs			\$48,630,574
				1002 Fed Rcpts	\$38,500,000	
				1004 Gen Fund	\$130,574	
				1108 Stat Desig	\$10,000,000	
34752	AL	Statewide	Commercial Vehicle Enforcement Program			\$5,500,000
				1002 Fed Rcpts	\$5,500,000	
31375	AL	Statewide	Cooperative Reimbursable Projects			\$15,000,000
				1002 Fed Rcpts	\$5,000,000	
				1108 Stat Desig	\$10,000,000	
38424	AL	Statewide	Federal Emergency Projects			\$10,000,000
				1002 Fed Rcpts	\$10,000,000	
30643	AL	Statewide	Federal Transit Administration Grants			\$10,000,000
				1002 Fed Rcpts	\$10,000,000	
33485	AL	Statewide	Highway Safety Grants Program			\$8,130,574
				1002 Fed Rcpts	\$8,000,000	
				1004 Gen Fund	\$130,574	
30648	AP	Statewide	MH Coordinated Transportation and Vehicles			\$1,300,000
				1092 MHTAAR	\$300,000	

State of Alaska Office of Management and Budget

Released December 15, 2017 Page 18 of 19

FY2019 Governor's Proposed Capital Budget (3)

Project Listing with Funding Detail (1161) FY2019 Governor

Department of Transportation/Public Facilities

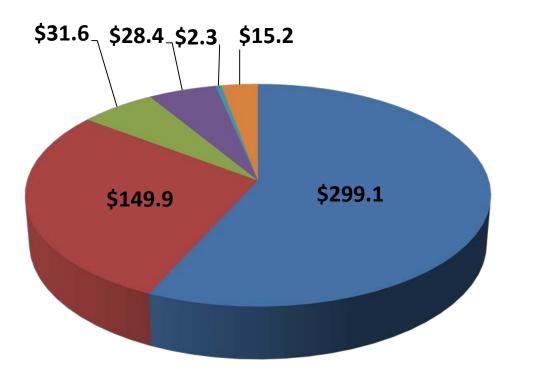
RefNum AP/AL Location		Location	Project Title	Fund Source Total	Project Total	
30648	AP	Statewide	MH Coordinated Transportation and Vehicles		\$1,300,000	
			1139 AHFC Div	\$1,000,000		

Unrestricted General (UGF) Total:	\$85,730,574
Designated General (DGF) Total:	\$1,136,100
Other Total:	\$46,800,000
Federal Total:	\$838,552,000
Department Total:	\$972,218,674

* Indicates an appropriation with a	illocations (amounts	s not inclu	uded in t	totals)
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State of Alaska Office of Management and Budget Released December 15, 2017 Page 19 of 19

2018 FAST Act Funding for Alaska



- National Highway Performance Program (NHPP)
- Surface Transportation Block Grant Program (STP)
- Highway Safety Improvement Program (HSIP)
- Congestion Mitigation and Air Quality (CMAQ)
- Metropolitan Planning Program
- National Highway Freight Program

*Currently the federal government is operating under a Continuing Resolution for 2018

\$ in millions

FAST Act

Funding Certainty for Five Years

- Congress passed FAST Act in December 2015
- Modest increase in total funding levels
 - Initial 5% FHWA increase and 16% FTA increase from 2015 to 2016, then 2% annual increases
- \$2.65 billion in FHWA apportionments to Alaska over five years
 - Averages \$531 million annually
- \$268 million in FTA apportionments to Alaska over five years
 - Averages \$53.6 million annually

FAST Act

Funding Certainty for Five Years

- Maintains Alaska's Ferry Boat Program at \$18+ million annually
- Increases Tribal Transportation Program funds nationally from \$450M in 2015 to \$465M in 2016 with \$10M annual increments
- Formula based National Freight Program to support highway freight movement with some multimodal eligibility (Alaska averages \$16M annually)
- Continuation of Transportation Alternatives Program (TAP)

FAST Act

FAST Act Policy Priorities

- Generally maintains MAP-21 programs and policy
- As in MAP-21, streamlining project delivery to reduce time and cost identified as priority
- Freight policy and freight network under dedicated National Freight Program
- Continues Performance Based Program Management
 - Federal Highway Administration's National Proposed Rule Making (NPRM) set goals for:
 - Safety
 - Pavement
 - Bridges

What is the STIP? (1)

- <u>Statewide</u> <u>Transportation</u> <u>Improvement</u> <u>Program</u>
- Federally required in order to spend federal highway funds
- Approved by Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)
- Must include all FHWA and FTA funded projects
- May include non-federally funded projects



Welcome to the Alaska DOT&PF STIP



What is the STIP? (2)



Welcome to the Alaska DOT&PF STIP



- Must be <u>fiscally constrained</u>
- Public information document with defined involvement process
- Covers a period of at least four years
- Changes by *amendment* or
 administrative modification due to give and take of project
 schedules and estimates
- Each funding type has unique eligibility requirements

How is the STIP Regulated? (1)

Federal Statute and Regulation

- 23 USC Chapter 1 (§101-190)
- 23 CFR 450
 - Subpart A—Transportation Planning and Programming Definitions
 - Subpart B—Statewide Transportation Planning and Programming
 - Subpart C—Metropolitan Transportation Planning and Programming

About Programs Reso	purces Briefing Room Contact Search FHWA
Home / FAST Act	
Fixing America's	Surface Transportation Act or "FAST Act"
FAST Act Home	Fact Sheets
Summary	Accelerating Project Delivery - PDF accelprojdelfs.pdf, 130 KB
Funding	Advanced Transportation and Congestion Management Technologies Deployment - PDF advtranscongmgmtfs.pd
Fact Sheets	100 KB • Apportionment - PDF apportionmentfs.pdf, 165 KB
Legislation	Congestion Mitigation and Air Quality Improvement Program - PDF cmaqfs.pdf, 57 KB
Presentations	Design Standards - PDF designstandardsfs.pdf, 95 KB Emergency Relief - PDF emergencyrelieffs.pdf, 83 KB
Guidance & Regulations	Federal Lands Access Program - PDF fedlandsaccessfs.pdf, 93 KB
By Section	 Federal Lands Transportation Program - PDF fedlandstransfs.pdf, 96 KB Federal Share - PDF federalsharefs.pdf, 315 KB
First Year Milestones	Ferry Boat Program - PDF ferryboatfs.pdf, 95 KB
	Freight Planning and Policy Provisions - PDF fppfs.pdf, 125 KB Highway Research and Development - PDF highwayrdfs.pdf, 99 KB
	Highway Safety Improvement Program - PDF hsipfs.pdf, 100 KB Highway Trust Fund and Taxes - PDF htffs.pdf, 42 KB
	 Highway Use Tax Evasion Projects - PDF highwayusetaxevasionfs.pdf, 80 KB
	 INFRA Grants (Nationally Significant Freight and Highway Projects) - PDF infragrantsfs.pdf, 41 KB Intelligent Transportation Systems (ITS) Program - PDF itsprogramfs.pdf, 94 KB
	Metropolitan Planning - PDF metropolitanplanningfs.pdf, 180 KB
	National Highway Freight Program - PDF nhfpfs.pdf, 114 KB National Highway Performance Program - PDF nhppfs.pdf, 172 KB
	 Nationally Significant Federal Lands and Tribal Projects - PDF nsftpfs.pdf, 97 KB
	 Performance Management - PDF performancemgmtfs.pdf, 80 KB Railway-Highway Crossings Program - PDF railwayhwycrossingsfst.pdf, 89 KB
	 Statewide and Nonmetropolitan Planning - PDF statewideplanningfs.pdf, 102 KB
	 Surface Transportation Block Grant Program - PDF stbgfs.pdf, 150 KB Surface Transportation System Funding Alternatives Program - PDF surftransfundaltfs.pdf, 96 KB
	 Technology and Innovation Deployment Program - PDF technologyinnovationfs.pdf, 95 KB
	 Territorial and Puerto Rico Program - PDF territorialprhighwaysfs.pdf, 79 KB Tolling and High-Occupancy Vehicles - PDF tollingandhovfs.pdf, 174 KB
	Training and Education - PDF trainingeducationfs.pdf, 95 KB
	 Transportation Alternatives - PDF transportationalternativesfs.pdf, 103 KB Transportation Infrastructure Finance and Innovation Act (TIFIA) - PDF tifiafs.pdf, 43 KB
	Tribal Transportation Program - PDF tribaltransportationfs.pdf, 76 KB
	 Truck Size and Weight Provisions - PDF trucksizeweightfs.pdf, 98 KB Workforce Development and Disadvantaged Business Enterprises - PDF workforcedbefs.pdf, 95 KB

https://www.fhwa.dot.gov/fastact/factsheets//

Return to to

How is the STIP Regulated? (2)

State Statute and Regulation

- 19 AS 15
- 17 AAC 05.155-200
 - General requirements
 - Public participation
 - Project needs list and evaluation
 - Adoption
 - Amendment

(I)
Chapter 05
Section
10. State highway system.
20. Commissioner's deed.
<u>30. (Repealed).</u>
40. (Repealed).
45. Rest stops and pullouts
80. Innovative construction contracting pilot program.
90. (Repealed).
120. Statewide transportation planning process.
125. Statewide transportation planning objectives.
130. Statewide transportation plan.
135. Public participation in the statewide transportation planning process.
140. Methods for receiving public input.
145. Public review of the draft plan.
150. Adoption of the statewide transportation plan.
155. Statewide transportation improvement program (STIP).
160. Public participation in STIP process.
165. General requirements for the STIP.
170. Project classification.
175. Project needs list and evaluation.
180. Draft STIP and adoption of the final STIP.
185. STIP protests.
190. Financial data.
195. Amendment of the STIP.
200. Mandatory and other classes of projects not subject to scoring.
985. Best interest.
990. Definitions.
17 AAC 05.010. State highway system
(a) The state highway system includes highway facilities that fall within one of the following program classifications:
(1) highways that are included within the National Highway System established under 23 U.S.C. 103;

Title 17 Transportation and Public Facilities

What is Unique About Transportation Funding in Alaska?

- \$1:~\$5 Highway Trust Fund return
- Can spend federal highway funds on any public road
- Reliant on federal funds
- Lowest gas tax in the country

Alaska Federal-aid Eligibility

- Title 23 Section 118 (d) allows Alaska to use any funds made available under Title 23 for construction of access and development roads that will serve resource development, recreational, residential, commercial, industrial, or other like purposes.
- FHWA interprets this to be limited to <u>public roads</u>. This is defined under Title 23 Section 101(a)(22) as any road under the jurisdiction of and maintained by a public authority and open to public travel.

Project Selection Factors

- Significant eligibility rules in federal and state law
- National Highway System (NHS) routes are primarily state owned and selected
 - Principal Arterials and Inter-Modal connectors
 - Emphasis on safety, asset condition, and capacity
- Safety projects are required to be data driven focus
 - Reducing major injuries and fatalities using proven solutions
- Surface Transportation Program (STP) has high demand
 - Urban allocations scored by MPOs (FMATS, AMATS)
 - Due to changes in funding apportionments, statewide program has backlog of projects waiting on funds

Surface Transportation Block Grant Eligibility (STP)

Title 23 Section 133

- Construction of:
 - Highways, bridges, tunnels
 - Ferry boats and terminals
 - Transit capital projects under Title 49
 - Infrastructure-based intelligent transportation systems (ITS) improvements
 - Truck parking facilities
- Operational improvements/capital & operating costs for traffic monitoring, management, and control facilities
- Environmental measures
- Highway and transit safety infrastructure improvements
- Protection for bridges (seismic, scour, security etc.)
- Surface transportation planning programs

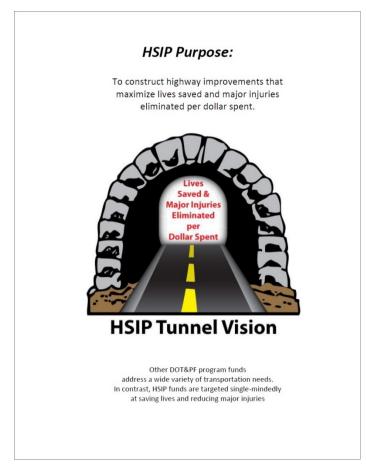
How are Projects Selected for the STIP? (1)

- NHS projects scored for the first time
 - Data driven project selection is the goal
 - Data analysis still in infancy data rich, information poor
 - Scores guided discussion
 - Team effort
- Considerations include:
 - Safety
 - Pavement condition
 - Bridge condition
 - Traffic
 - Unique benefits



How are Projects Selected for the STIP? (2)

- Highway Safety Improvement Program (HSIP) ranks projects through Benefit Cost Analysis
- Program must select projects where documented safety issues exist
- Safety issues must be remedied using solutions that have been proven to alleviate such issues
- FAST Act restricts these funds to infrastructure improvements (no longer education, enforcement, or emergency response)



How are Projects Selected for the STIP? (3)

- Community Transportation Program (CTP) projects are scored
- 5 sets of scoring criteria
 - Remote and Trail
 - Urban and Rural
 - TRAAK
 - Transit
 - ITS
- This STIP continues to fund backlog of past scored projects
- Expect another round in 1-2 years

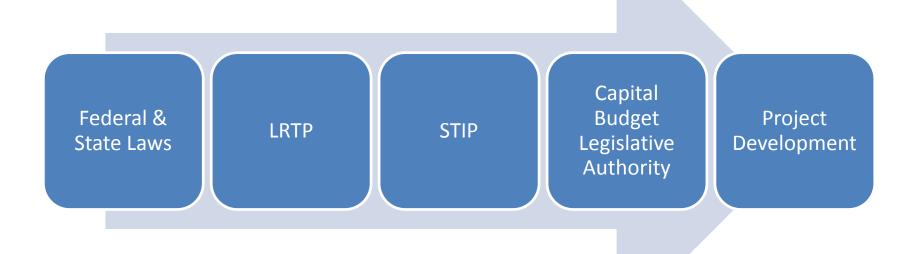
		STIP Project Scoring	Criteria			
Urban and Rural Pro	ojects Criteria					
		Scoring	Criteria			
Standards	9	7	4	1		
7. Public support?	 Preponderance of public record shows support for project, AND A resolution from the local elected body shows support for project, AND Project is fully supported in state, tribal, or local plans. 	 Majority of public record shows support for project, AND A resolution from the local elected body shows support for project, AND Project is nominally supported in oficial state, tribal, or local plans 	 Project has resolution of support from local elected body, OR There is a public record of support if project is located in unincorporated community in unorganized borough. 	 No resolution of support from Local elected body, OR There is no public record of support if project is located in unincorporated community in unorganized boroug 		
Resolution is only required	l in areas/communities represe	ented by locally elected body.				
8. Environmental approval readiness? Weighting: 2	Environmental approval complete = 9 Environmental approval likely with Categorical Exclusion = 8	 Environmental approval likely with Environmental Assessment = 7 Environmental approval likely with draft documents circulated = 7 	Environmental approval likely with Environmental Impact Statement.	Environmental approva unlikely.		
9a. Surface rehabilitation Weighting: 5 or 0	 Primarily surface refurbishment and a PMS recommendation for rehab within 2 years, OR A gravel surface badly deteriorated or serious surface deformation. 	 Primarily resurfacing, restoration or rehabilitation of an existing roadway on the same or similar alignment, OR A portion of the project addresses serious foundation problems. 	 Project would be better served by a major reconstruction or longer-term project 	N/A		
OR						
9b. Deficient width/grade/alignment (w/g/a). Weighting: 5 or 0	Significantly deficient w/g/a relative to standards.	Moderately deficient w/g/a relative to standards.	No w/g/a deficiencies.	N/A		

How are Projects Selected for the STIP? (4)



- Allocations to Metropolitan Planning Organizations (MPO)
 - Anchorage
 - Fairbanks
- Communities affected by air pollution
 - State Implementation Plan (SIP) - DEC
 - Fairbanks
 - Anchorage/Eagle River
 - Juneau

How are Projects Selected for the STIP? (5)



Programming Considerations

- STIP can only be programmed up to expected funding level
- Most STIP funding is "use or lose" and cannot be carried over from year to year
 - Funding for a project must be obligated to secure funding
 - Obligation occurs when a project is certified as meeting all federal requirements and a funding agreement is signed by FHWA
- In Alaska and nationwide ~30% of projects end up delaying into a later year
 - Large, controversial projects are at a higher risk of slipping
 - Funding tools such as Advanced Construction (AC) allow some flexibility to pursue additional projects for when projects slip

Federal Lands Access Program

- FLAP provides funds for projects on public roads or trails that are located on or provide access to Federal lands.
 - Title or maintenance responsibility must be with the State, municipal or tribal government.
 - Federal lands include those managed by National Park Service, US Forest Service, US Fish & Wildlife Service, Bureau of Land Management, and US Army Corps of Engineers.
- Funding for Alaska averages around \$8 million annually (formula based distribution) and is administered by Western Federal Lands Highway Division in Vancouver WA.
- Program Decision Committee selects projects
 - The PDC must include a State DOT representative, a FHWA representative and representative of a political subdivision of the State. The AML Executive Director fills this last slot.

Tribal Transportation Program

- TTP jointly administered by FHWA Federal Lands Highway and BIA as a nationally based Federal program.
- FHWA/BIA develop a stand alone Transportation Improvement Program (TIP).
- Funding for Alaska Tribes in 2018 is expected to be \$49 million.
 None of this funding comes through DOT&PF.
- Coordination and communication between Tribes, Federal agencies and State and local agencies is critical to success.
 - Governor's Tribal Advisory Council (GTAC) Transportation Subcommittee
 - DOT&PF has created a Tribal Liaison position
 - Looking for ways to leverage TTP funding towards larger budget projects

What STIP Tools are Available? (1)

- Official STIP
 - Current & Prior Amendments
- Needs List Search & Active Projects
- STIP Search
 - Report Tools
- Project Viewer Map



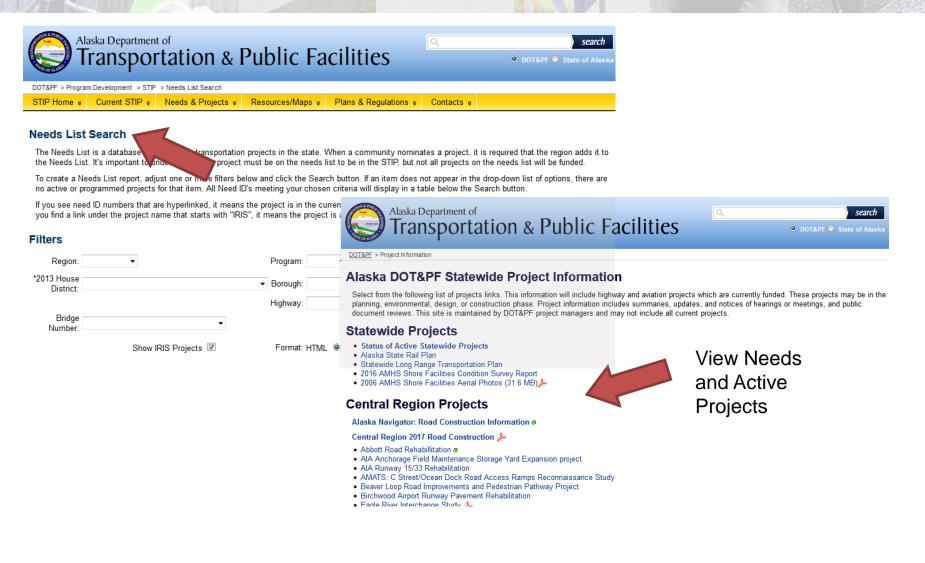
What STIP Tools are Available? (2)



Welcome to the Alaska DOT&PF STIP



What STIP Tools are Available? (3)



What STIP Tools are Available? (4)



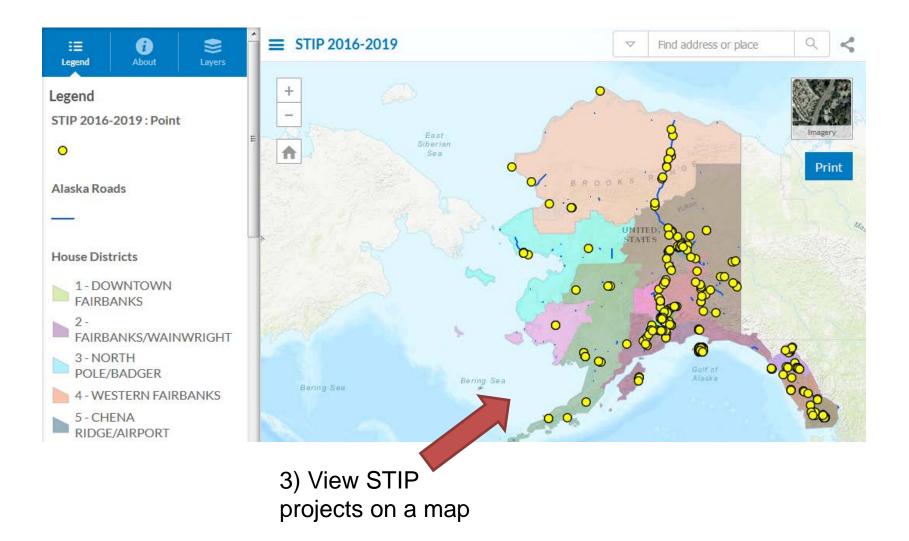
STIP 2016-2019 Tabular Search The PDF copy of the 2016-2019 STIP is the only official copy and is current

2016-2019 STIP project search -

Choose one or more filters, then further customize by choosing one or more sorting options (default is by Need ID). Please note: The PDF of the 2016-2019 STIP is the official copy and is current as of the most recently approved revision

2016-2019 STIP - Official Copy (8MB)	STIP	2016-2019 STIP - Offic	c ial Copy 🥕 (8MB)			
6-2019 STIP project search - HTML or Excel format This report has several ways to filter projects and allows custom sorting of the results. Links has active projects the entire STIP in HTML or Excel, leave filters blank, choose your sorting button.	Place Name: 2013 Election District:	•	Highway: Borough/Census Area: • Program:		•	•
	Primary Work Type: Bridge Number:	•	Fund Class: Illu Special Category: Name/Description:	strative Projects ▼		Choose ILLU for
1) Search and create	Project Need ID:					
reports using filters and sorting tools	Sort by Primary Sort Level Need ID Region		Secondary 5 Reed ID Region	Sort Level	Third Sort Level Page ID Region	
	 Highway Place Name Borough / Census Are 	ea	5	ime / Census Area	 Highway Place Name Borough / Cens 	us Area
	 Program Election district Format HTML Exc Submit 	cel 🔲 Show IRIS Projects	 Program Election 		 Program Election district 	

What STIP Tools are Available? (5)



Contact Information

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Chief of Statewide Planning (907) 465-2065 marie.heidemann@alaska.gov

Maren Brantner, Headquarters

STIP Manager (Acting) (907) 465-6392 maren.brantner@alaska.gov

Debbi Howard, Headquarters

Statewide Transit Program Manager (907) 465-2883 <u>debbi.howard@alaska.gov</u> Jennifer Anderson, Northern Region Program Development Planner (907) 451-2375 jennifer.anderson@alaska.gov

Jim Potdevin, Southcoast Region Program Development Planner (907) 465-1775 jim.potdevin@alaska.gov

David Post, Central Region

Program Development Planner (907) 269-0512 <u>david.post@alaska.gov</u>



Alaska Department of Transportation & Public Facilities

Operating Budget Overview Roads and Highways Advisory Board

Amanda Holland, Acting Deputy Commissioner

February 23, 2018

Keep Alaska Moving through service and infrastructure

Our DOT&PF People: Alaskans Serving Alaska

Long Nguyen

Engineer Assistant II, Central Region

- He joined DOT&PF in 2005 as a college intern while he was earning his degree in Civil Engineering from UAA. He joined the department as a permanent employee in 2007, shortly after he graduated.
- Long is a life long Alaskan, attending Lake Otis Elementary, Wendler Middle and East Anchorage High. He was a particularly talented soccer player and was selected for Alaska's Olympic Development Team.
- When asked what he liked most about his work, he responded by talking about how much he loves seeing Anchorage improve with new infrastructure. He has a special passion for complicated urban projects and most recently worked on the C Street Paving project. Keeping a project moving forward while still maintaining traffic flow is something in which he takes pride.
- When he's not in a hard hat and safety vest, Long enjoys king salmon fishing, boating, and spending time with his family.





Transportation & Public Facilities Keep Alaska Moving through service and infrastructure

The Department of Transportation & Public Facilities is responsible for providing these core services:

- Preserve Alaska's Transportation Infrastructure
- **Operate** Alaska's Transportation Infrastructure
- Modernize Alaska's Transportation Infrastructure
- Provide Transportation Services

Sources:

Department Home: dot.alaska.gov

Strategic Plan: <u>dot.alaska.gov/comm/strategic_plan.shtml</u>

Constitutional Authority: dot.alaska.gov/legislativeinfo

FY2019 Proposed Budget: www.omb.alaska.gov/html/budget-report/fy2019-budget/proposed.html

What We Preserve & Operate

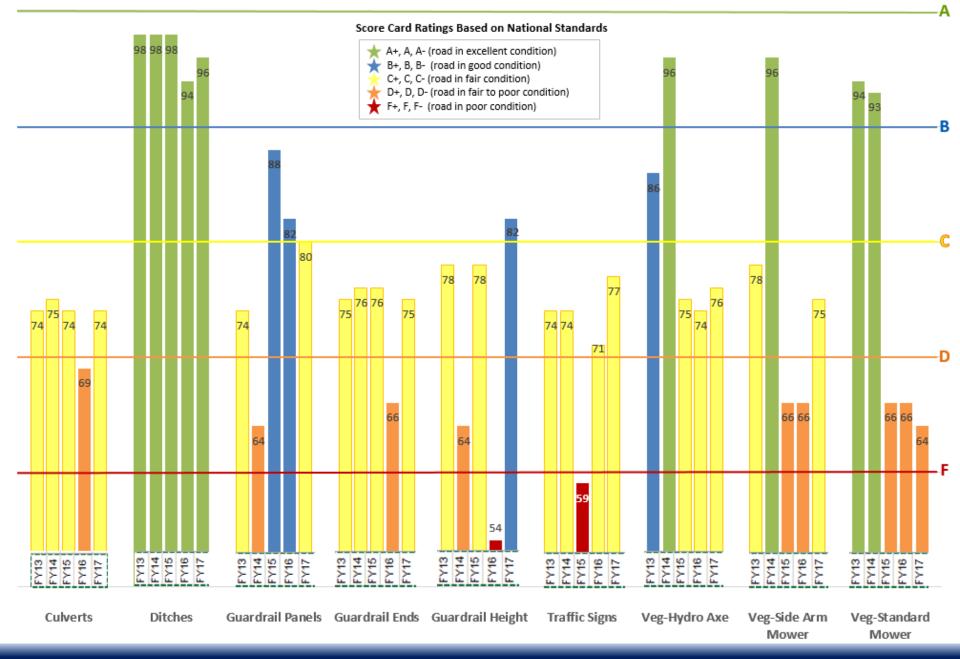
- 5,629 center line miles of highways
- 836 DOT&PF owned bridges
- 242 State Airports (240 are rural airports)
- 758 Public Facilities Occupied by 17 state and local agencies



Pavement Condition Ratings

Performance Target	Performance Target Description	Illustration
A (Excellent Pavement condition)	The structure, smoothness, and durability of the pavement surface are excellent. The surface is free of potholes and exhibits little or no cracking. Past repairs like patches and crack seals are in excellent condition. There are small or no drop-offs at pavement edges. Pavement condition has not degraded.	
B (Good Pavement condition)	The pavement is in overall good structural condition and offers a satisfactory ride. Pavement exhibits sound material quality. Occurrences of distress such as cracking, potholes, rutting, and pavement materials problems are infrequent and minor. Past repairs are in good condition with limited need for rework. Pavement edge drop-offs are infrequent.	
C (Fair Pavement Condition)	Pavement shows moderate problems with structural deterioration like cracking, pot-holes and past repairs that are affecting the ride quality. Pavement is showing oxidation of surface, flushing/bleeding, or loss of material through raveling.	
D (Poor Pavement Condition)	Pavement deterioration is significant, with up to half of the pavement area exhibiting one or more types of serious distress: structural deterioration like large numbers of cracks or potholes and or repairs, ride quality from rutting or surface roughness or large sections of pavement edge drop-offs. Surface condition may affect speed and vehicle handling.	
F (Failing Pavement Condition)	Pavement is deteriorated over more than half its area. The integrity of the pavement and the ride quality it offers are degraded by extensive damage like potholes, cracking, rutting or surface roughness from failing pavement or repairs. Extensive edges drop-offs. Speed and vehicle handling likely affected.	

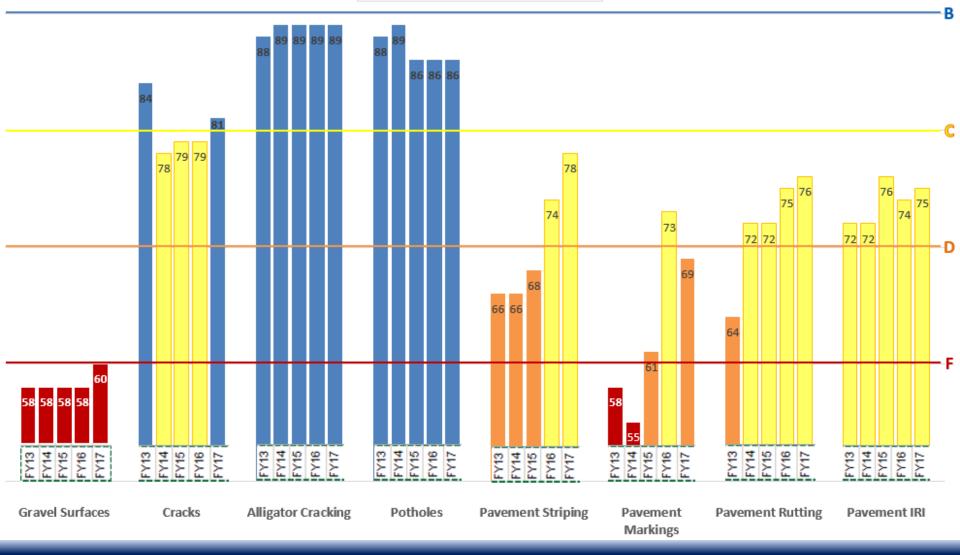
Highway & Aviation Conditions and Trends 2013-2017



Highway & Aviation Conditions and Trends 2013-2017

Score Card Ratings Based on National Standards

- A+, A, A- (road in excellent condition)
- B+, B, B- (road in good condition) C+, C, C- (road in fair condition)
 - D+, D, D- (road in fair to poor condition)
- F+, F, F- (road in poor condition)



Α

Budget Types

CAPITAL BUDGET

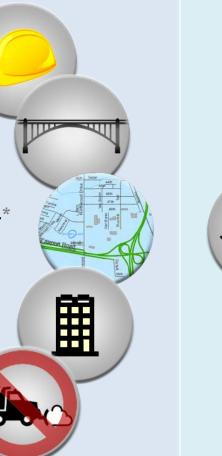
- Spans multiple years
 - Project focus

Capital Budget

A plan for the distribution of state financial resources for items which have an anticipated life that exceeds one year and which usually costs at least \$25,000.*

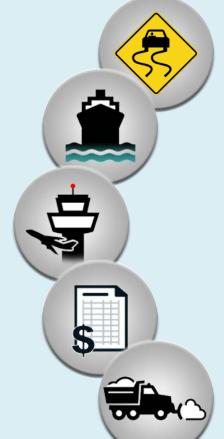
Capital Improvement Project (CIP) A project listed in the capital budget.*

Strict rules and regulations prohibit spending capital \$s on routine maintenance and general operating budget activities.



OPERATING BUDGET

- Spans single year
 - Service focus

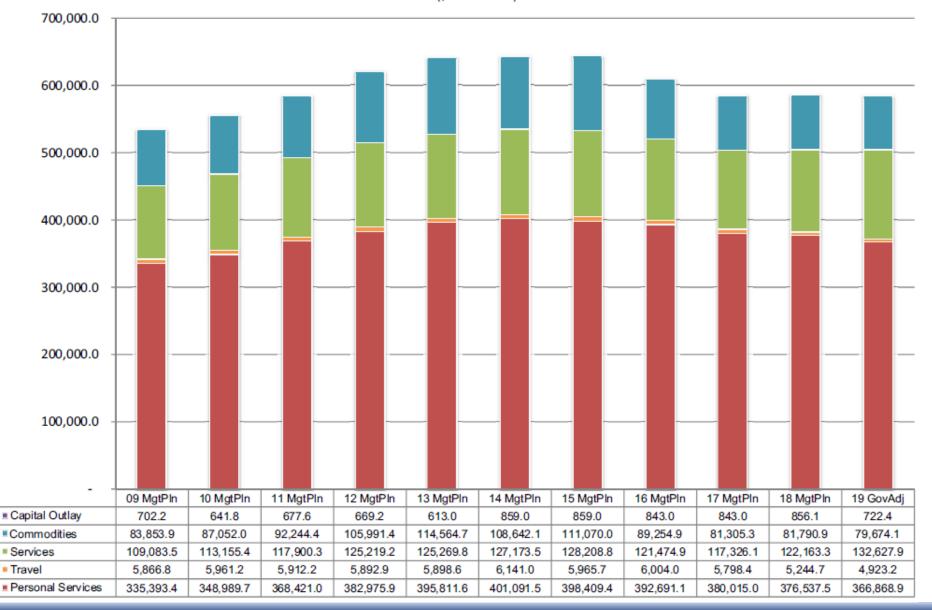


Operating Budget

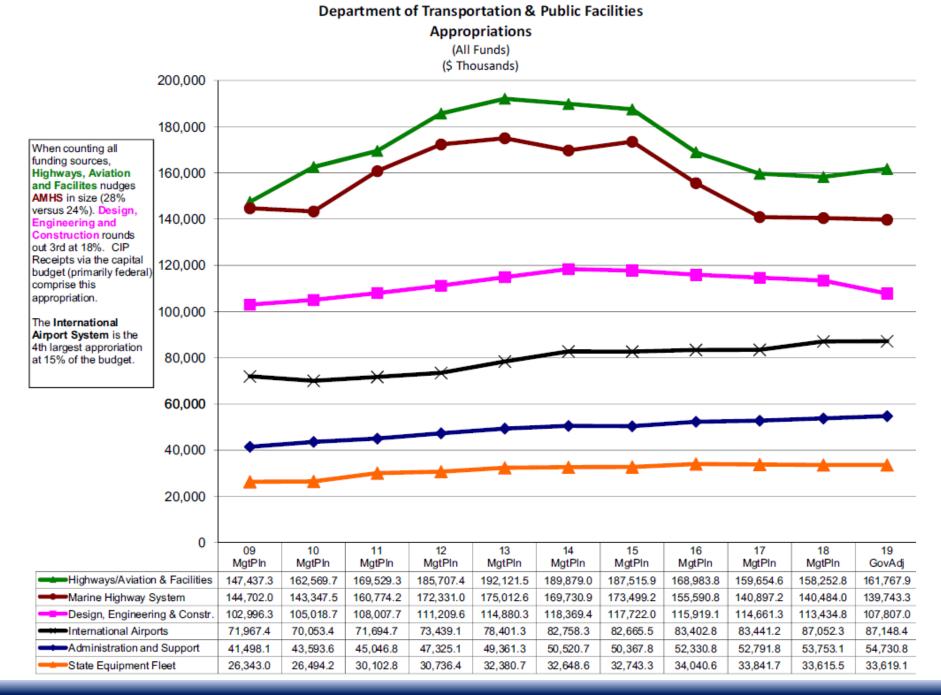
A plan for the yearly distribution of state resources to cover the ongoing operations of state programs.*

> *Alaska Legislative Budget Handbook, November 2014

Department of Transportation & Public Facilities Line Items (All Funds) (\$ Thousands)



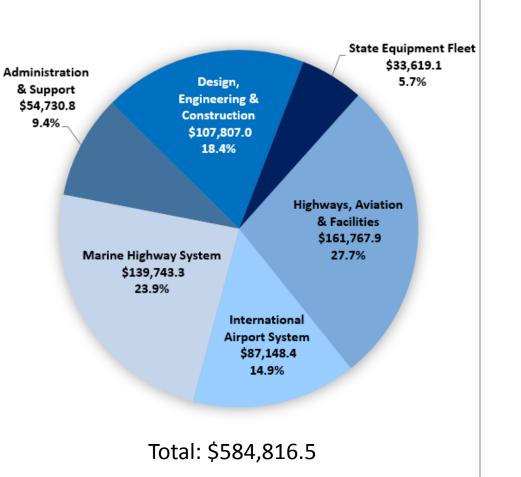
Keep Alaska Moving through service and infrastructure

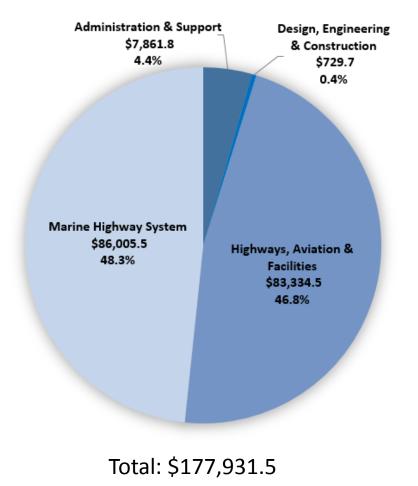


FY2019 Governor's Proposed DOT&PF Results Delivery Units (RDU)

All Funds

Unrestricted General Funds





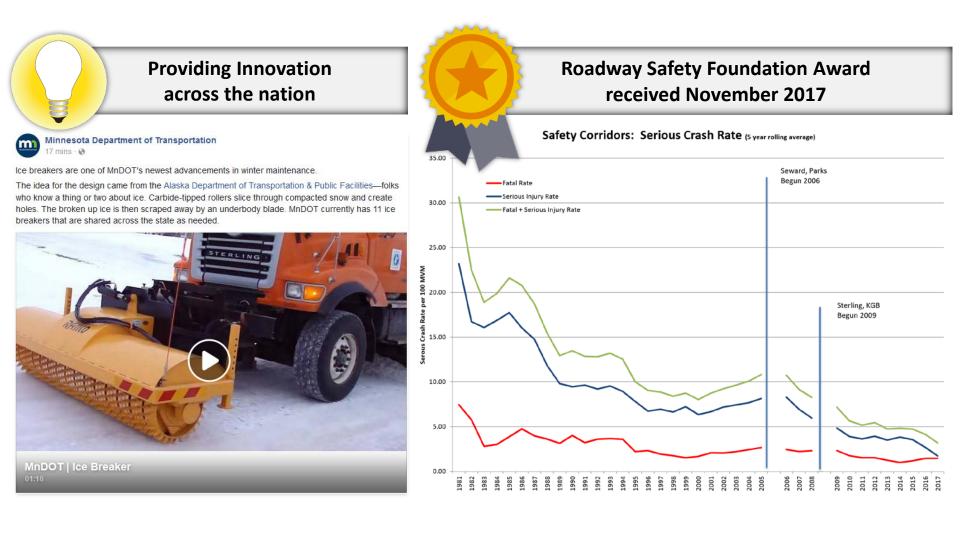
FY2019 Governor's Proposed Operating Budget: \$584,816.5		FY2019 Governor's Proposed UGF \$177,931.5 (30.43%) DGF \$97,972.1 (16.75%) Other \$306,846.7 (52.47%)		FY2018 Management Plan \$586,592.5 UGF \$135,191.8 (23.05%) DGF \$142,201.3 (24.24%) Other \$307,133.2 (52.36%)		
UGF	General Fund Receipts \$177,931.5			Federal \$2,066.2 (.35%)		Federal \$ 2,066.2 (.35%)
DGF	Marine Highway System Fund \$51,470.9		tor Fuel Tax Receipts ,200.1	Vehicle Rental Ta Receipts \$5,497.3	эх	General Fund/Program Receipts \$4,803.8
Other	Capital Improvement Project Receipts \$161,668.8 International Airport Revenue Fund \$90,272.6 Highway/Equipment Working Capital Fund \$34,583.3	\$8,4 Avia Rev \$4,6 Inte	al Airport Receipts 481.9 ation Fuel Tax renue 522.1 er-agency Receipts 955.4	Whittier Tunnel Receipts \$1,929.4 Statutory Design Program Receipt \$535.1 Uniform Comme Registration Rec \$513.5	nated ts ercial	Rural Airport Inter-agency Receipts \$256.1 In-state Pipeline Fund Inter-agency Receipts \$28.5

Federal

Federal Receipts \$2,066.2

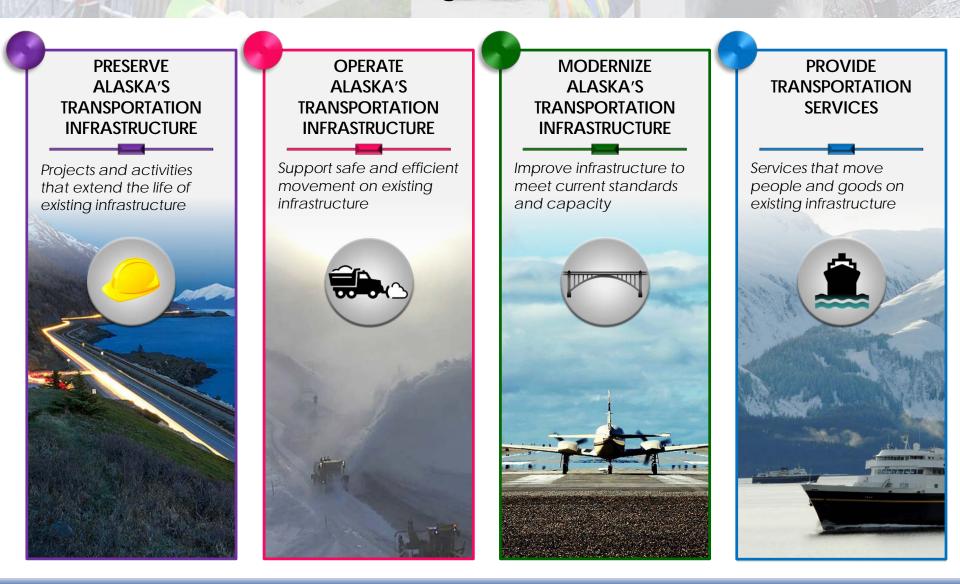
*Numbers are displayed in thousands.

Accomplishments



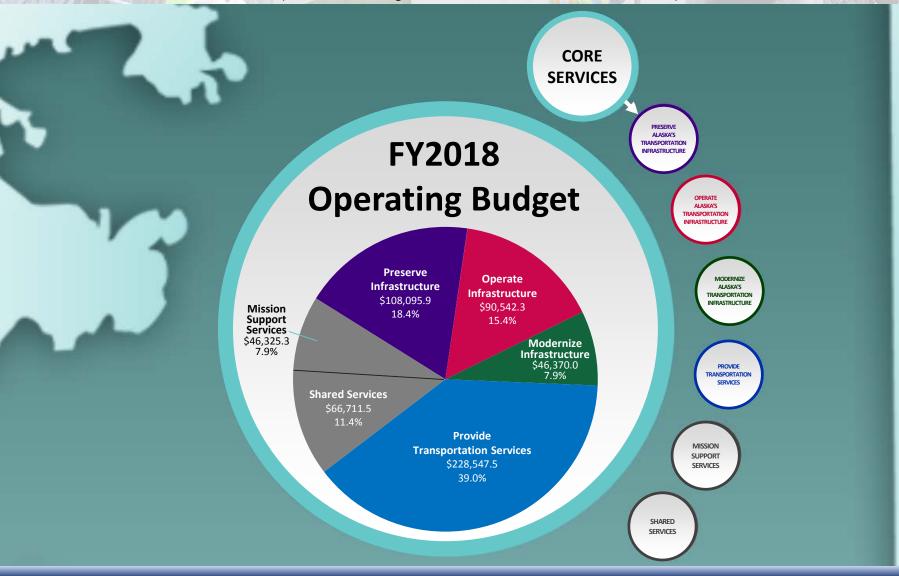
Transportation & Public Facilities

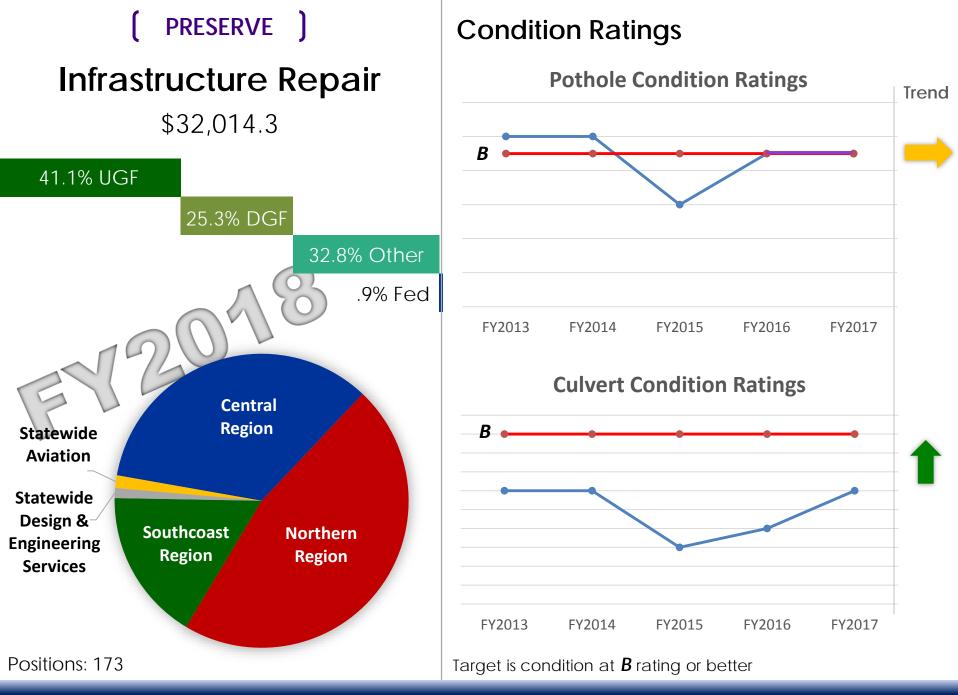
Results Based Alignment: Core Services

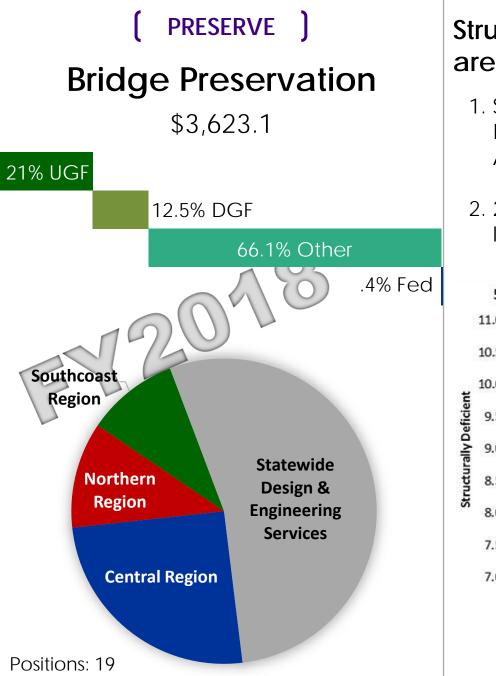


Budget Breakout by Core Service \$586,592.5

(FY2018 Management Plan - \$ shown in thousands)

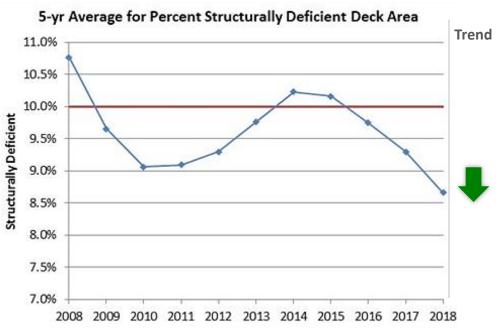


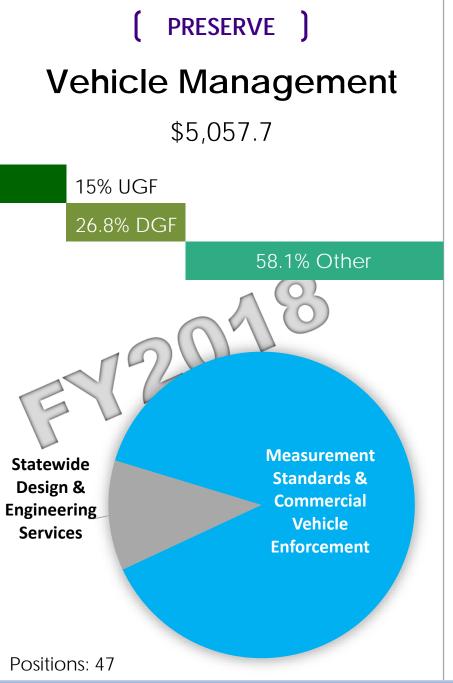




Structurally deficient bridge deck area under 10%

- 1. Structurally Deficient deck area for National Highway System (NHS) Bridges in Alaska is currently at 6.4%.
- 2. 2017 National Bridge Inventory (NBI) Bridge Inspections performed – 650.



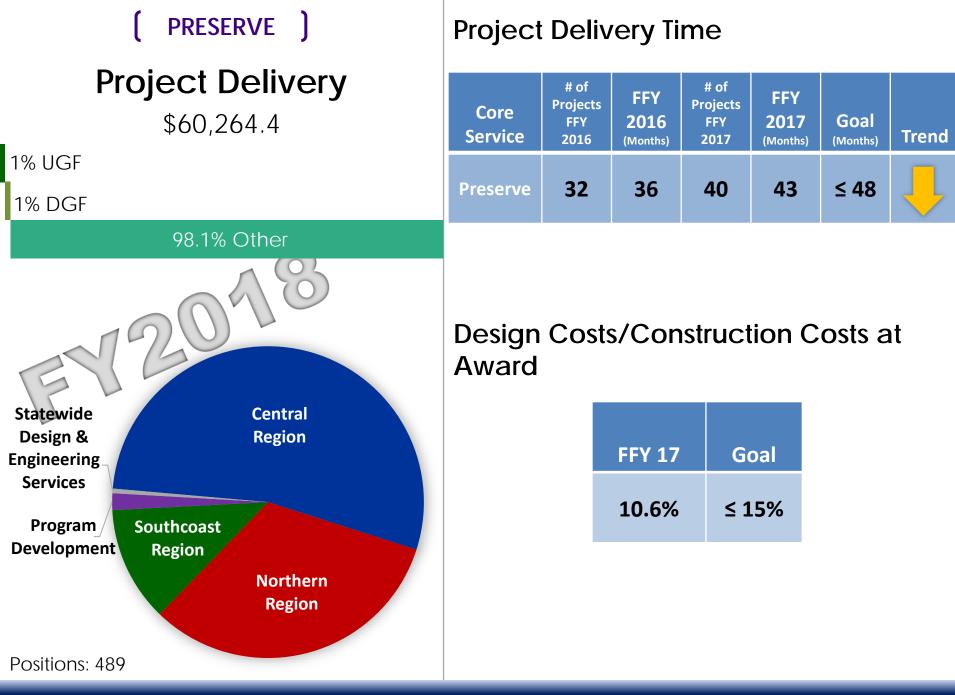


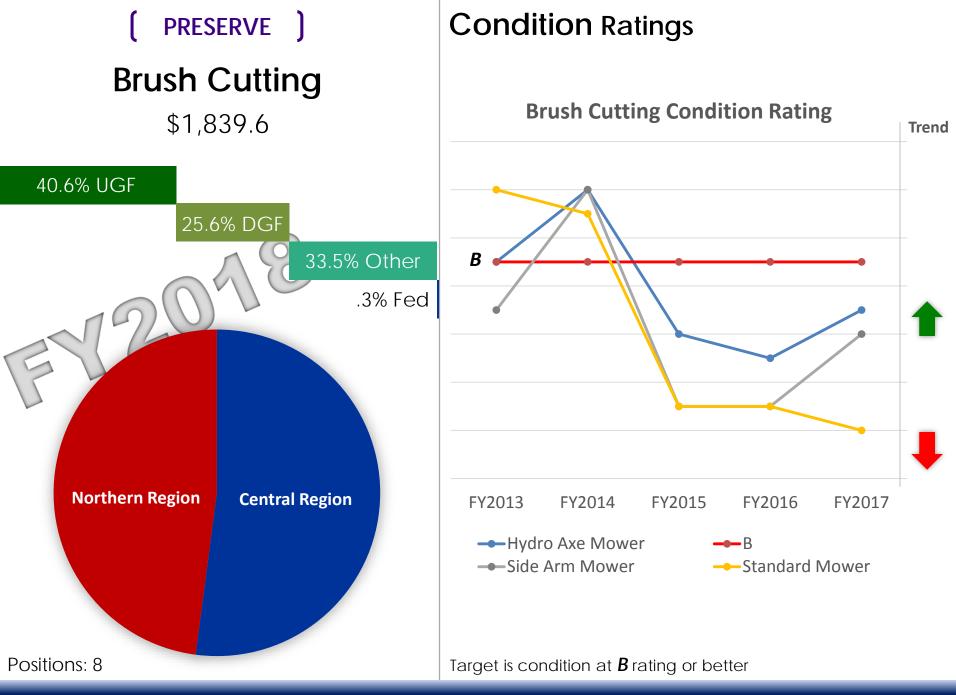
Cost per Issued Permit and Size and Weight Check

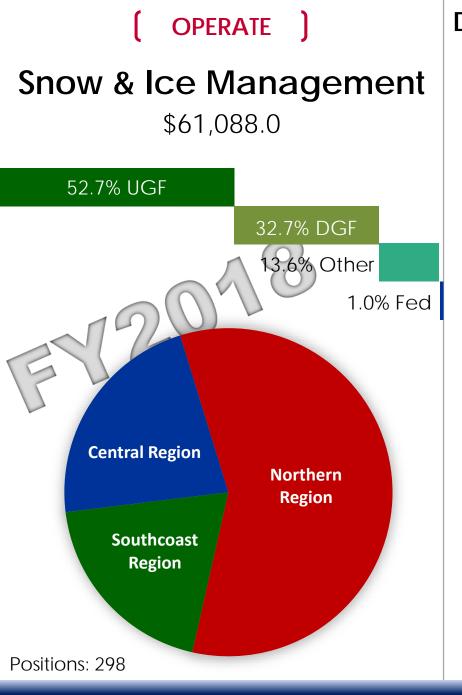
This efficiency measure tracks the general fund cost per each size and weight check and issued permit. The data summarizes the total checks that occur through the use of fixed scales at weigh stations, portable scales, and weigh-in-motion locations, and the number of permits that are issued.



Note: 2,194,420 total Size and Weight Checks and Issued Permits





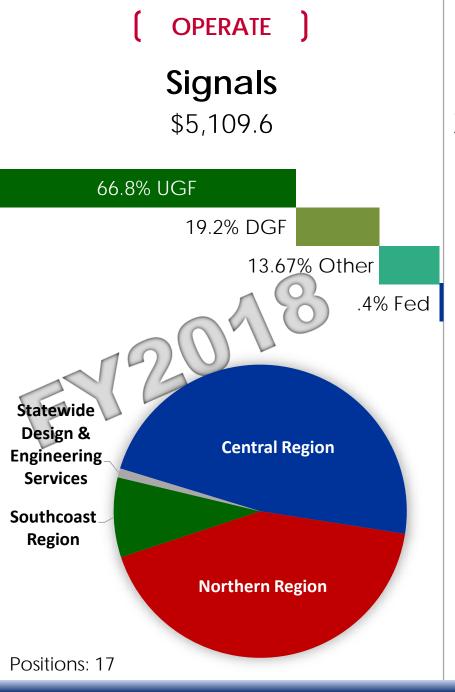


Department-wide performance data

Percent of times target condition was achieved within time goal:



108 Mile, Steese Highway. Photo by Dennis Cooper, Alaska DOT&PF



Performance data compilation in progress:

Central Region example: Yellow flashing lights to improve traffic flow

Operational in 11% of intersections within the municipality of Anchorage



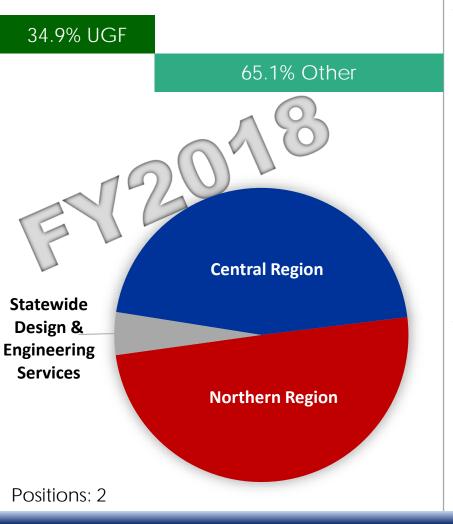
Operational in 46% of intersections outside the municipality of Anchorage



OPERATE

Intelligent Transportation Services

\$241.6



Performance data compilation in progress:

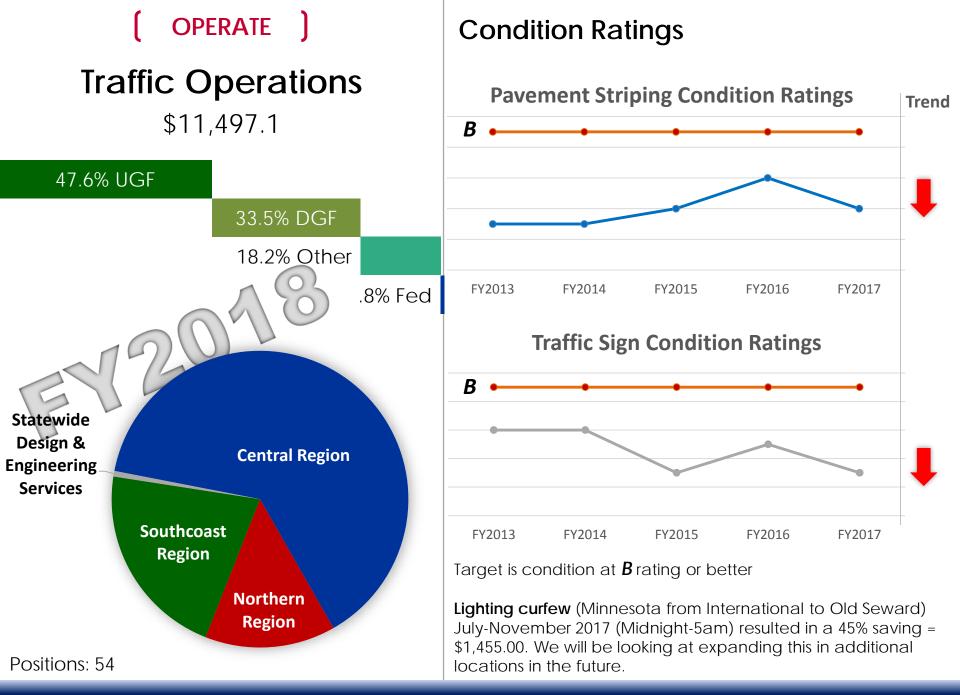
Target – Monthly cost per use of Road Weather Information System below \$3.00

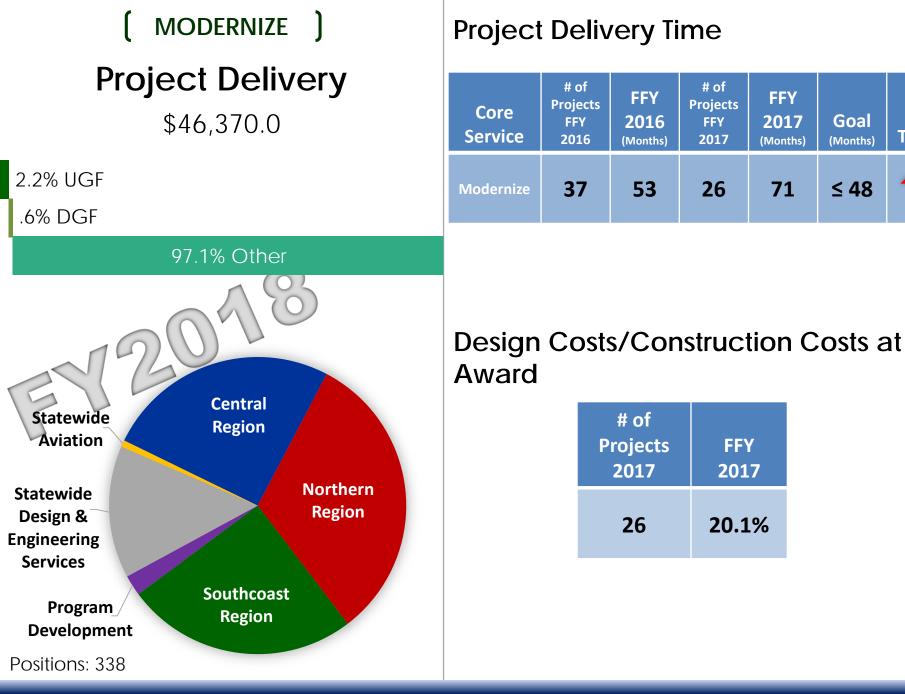
This efficiency measure tracks the monthly per use cost of the Road Weather Information System.



Over time, regular cycles of cost variation may be useful as a budget and maintenance management tool.

This information could also be used to evaluate return on investment to the traveling public if evaluated in combination with monthly demand metrics.





FFY

2017

(Months)

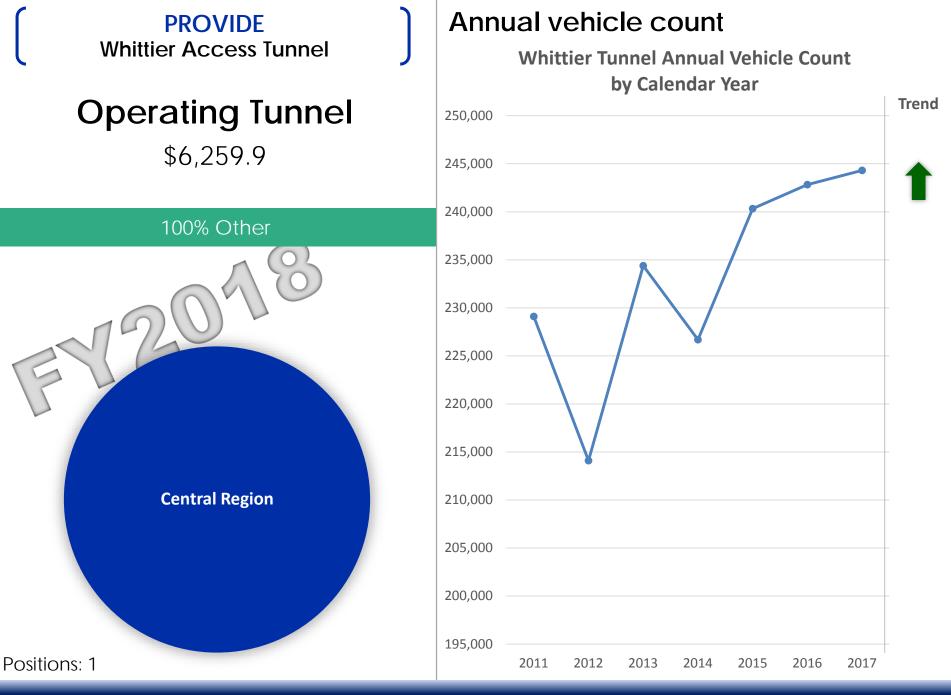
71

Goal

(Months)

≤ 48

Trend



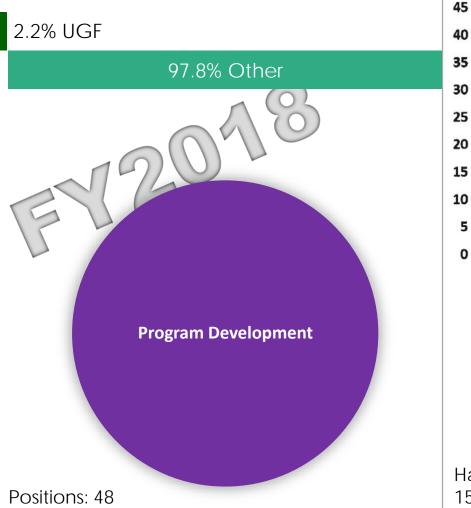
Keep Alaska Moving through service and infrastructure

2/23/2018

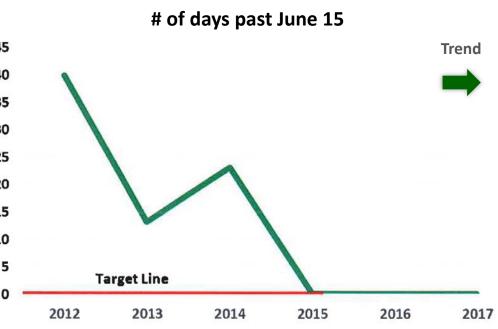
(MISSION SUPPORT SERVICES)

Program Development

\$6,197.1



Meet reporting requirements for Highway Performance Monitoring System



Have been meeting our target (zero days past June 15th) for the past three submittals (2015-2017).

SHARED SERVICES

State Equipment Fleet

\$33,615.5

100% Other

State Equipment Fleet

Positions: 157

Asset Downtime: measures the reliability and effectiveness of the fleet and its maintenance plan

4 out of 5 Districts met target of less than 3% downtime for vehicles and equipment



Assets current on Preventative Maintenance Schedule:

measures the timeliness of preventive maintenance (PM) and the effectiveness of the PM plan. Preventive maintenance is proven to reduce breakdown cost and overall operating cost



3 out of 5 Districts met target of 90% of assets that are current on their PM schedule



Stormy Bascom, Light Duty Mechanic, Northwest District State Equipment Fleet, inspects a vehicle. By Donnie Helgeson, Alaska DOT&PF

Thank You

Transportation is an *economic driver*

- Preserve, operate, and modernize existing infrastructure
- Provide transportation services
- Federally funded capital improvement projects

Impacts daily quality of life

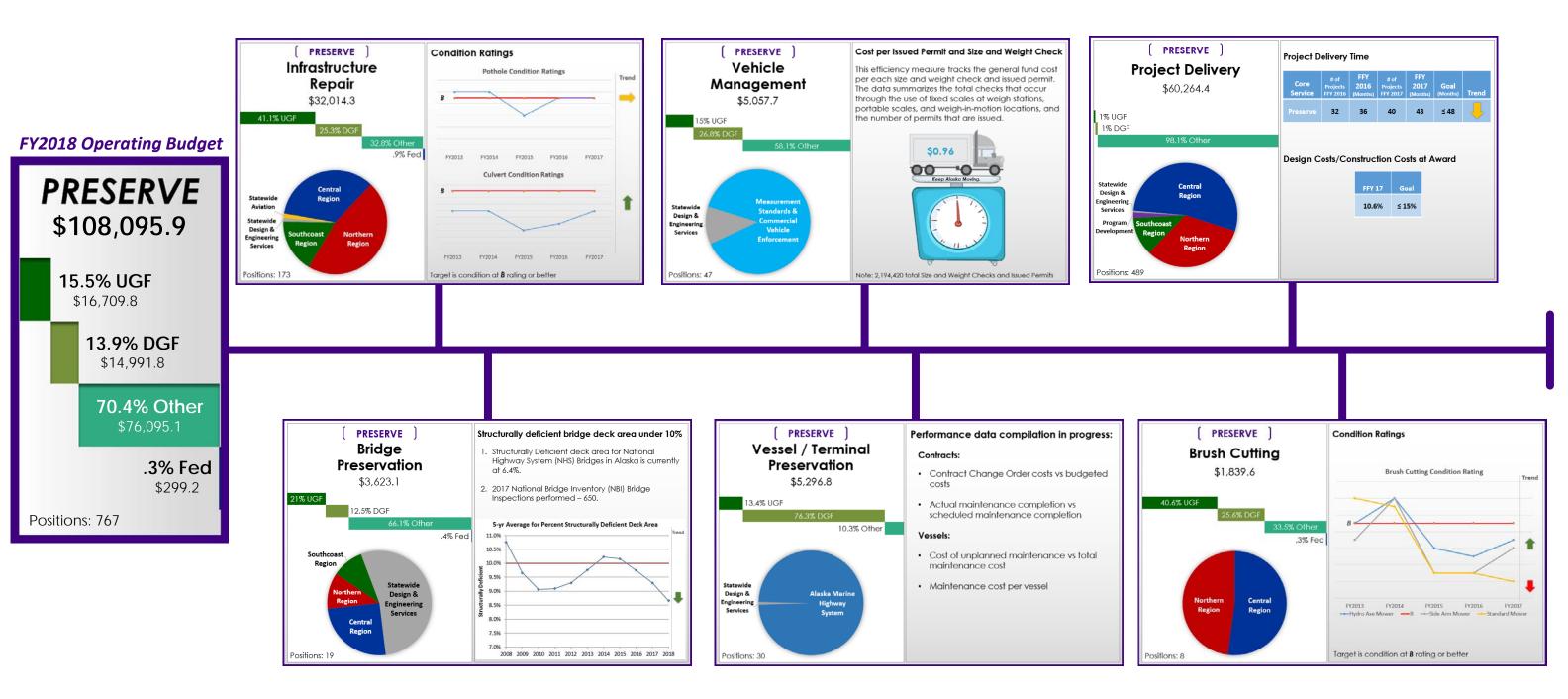
- Safety
- Mobility
- Connectivity

Contact Information:

Amanda Holland Acting Deputy Commissioner Amanda.Holland@alaska.gov (907) 465-3900



Blueberry Lake fly over, 2017 construction season. Photo by Brandy Milles, Alaska DOT&PF

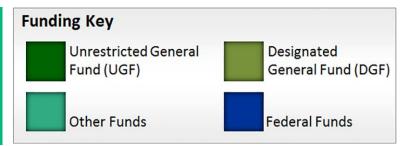


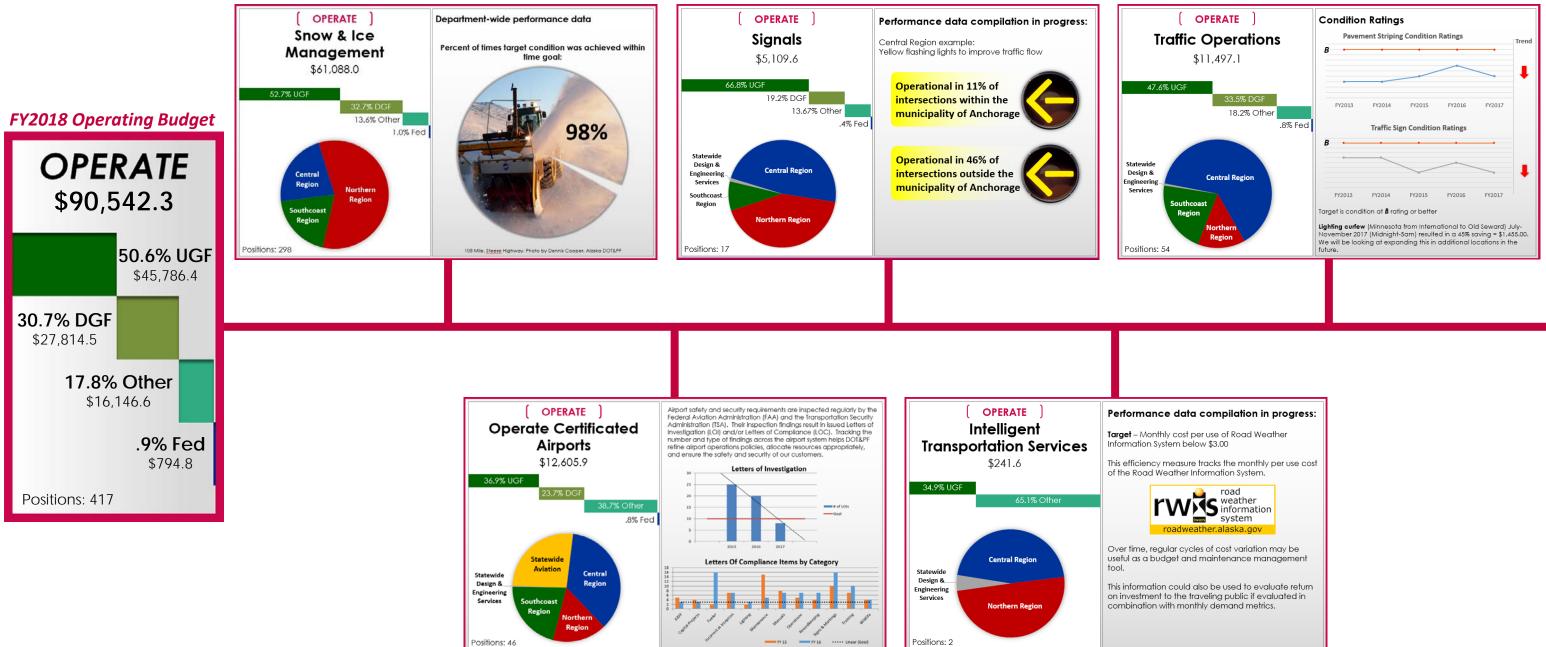
DGF Funding Sources

General Fund / Program Receipts: \$2,124.1 Marine Highway System Fund: \$3,954.7 Vehicle Rental Tax Receipts: \$1,642.9 Motor Fuel Tax Receipts: \$7,270.2

Other Funding Sources

Inter-agency Receipts: \$271.7 International Airport Revenue Funds: \$405.9 Capital Improvement Program (CIP) Receipts: \$72,051.1 Statutory Designated Program Receipts: \$97.4 Uniform Commercial Registration Receipts: \$510.6 In-state Pipeline Fund Inter-agency Receipts: \$163.5 Alaska Liquified Natural Gas Project Fund Inter-agency: \$0.3 Aviation Fuel Tax Revenue: \$1,236.5 Rural Airport Receipts: \$1,301.6 Rural Airport Inter-agency Receipts: \$56.5





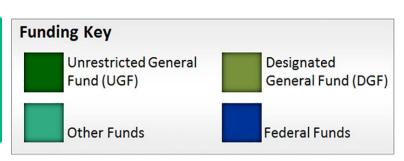
DGF Funding Sources

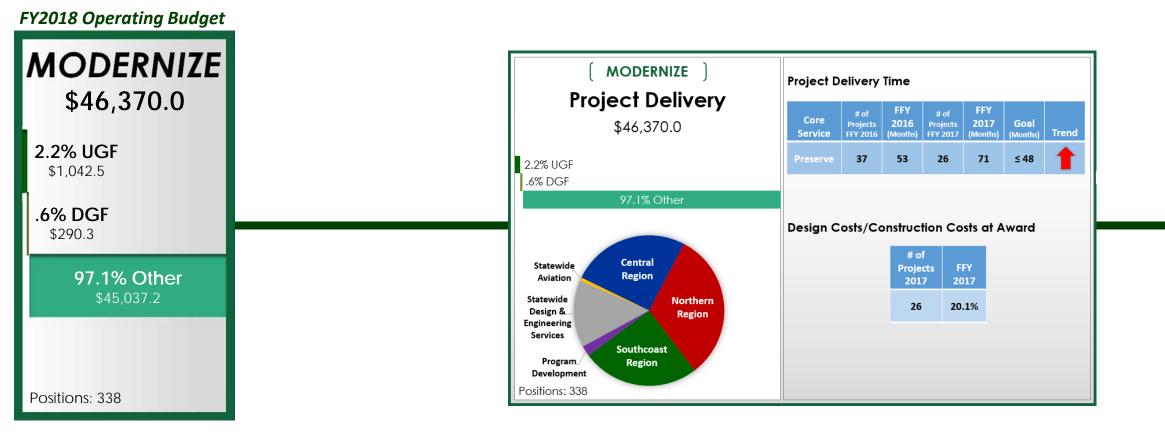
General Fund / Program Receipts: \$541.6 Vehicle Rental Tax Receipts: \$3,559.8 Motor Fuel Tax Receipts: \$23,713.1

Other Funding Sources

Inter-agency Receipts: \$309.3 **International Airport Revenue Funds:** \$1,078.8 Capital Improvement Program (CIP) Receipts: \$5,046.7 Statutory Designated Program Receipts: \$411.0

In-state Pipeline Fund Inter-agency Receipts: \$22.5 Aviation Fuel Tax Revenue: \$3,381.4 **Rural Airport Receipts:** \$5,718.2 **Rural Airport Inter-agency Receipts:** \$178.6

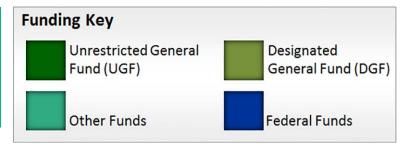




DGF Funding Sources General Fund / Program Receipts: \$290.3

Other Funding Sources

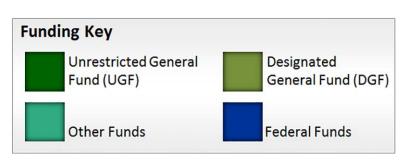
Inter-agency Receipts: \$131.3 International Airport Revenue Funds: \$83.2 Capital Improvement Program (CIP) Receipts: \$44,152.1 In-state Pipeline Fund Inter-agency Receipts: \$514.1 AK Liquified Natural Gas Project Fund Inter-agency: \$1.0 Rural Airport Receipts: \$150.6 Rural Airport Inter-agency Receipts: \$5.0



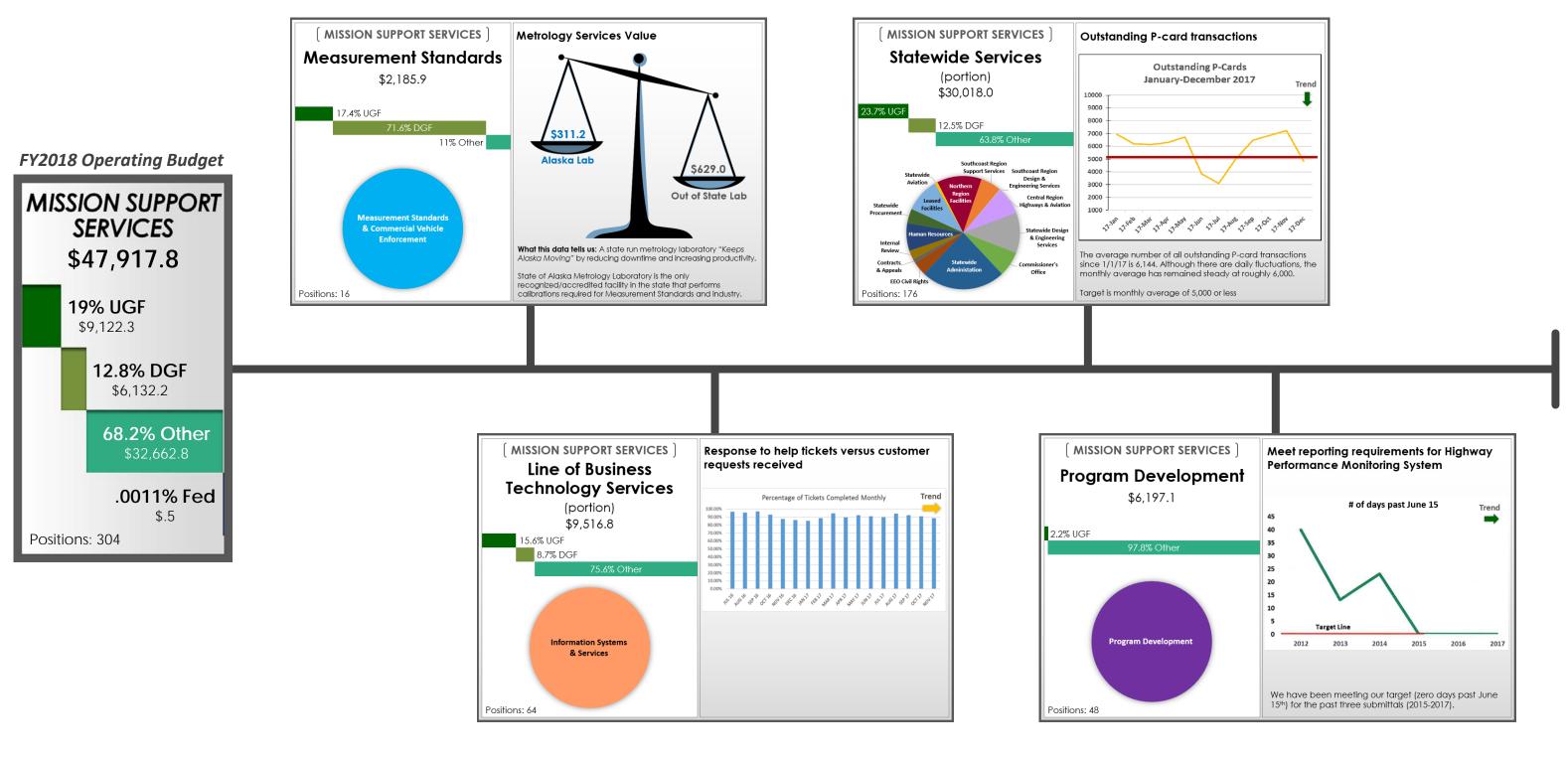


DGF Funding Sources Marine Highway System Fund: \$89,121.4 Motor Fuel Tax Receipts: \$3,463.6

Other Funding Sources International Airport Revenue Funds: \$86,158.1 Capital Improvement Program (CIP) Receipts: \$5,741.0 Whittier Tunnel Toll Receipts: \$1,928.9



Mission Support Services breakdown



DGF Funding Sources

General Fund / Program Receipts: \$1,646.5 Marine Highway System Fund: \$3,087.4 Vehicle Rental Tax Receipts: \$294.6 Motor Fuel Tax Receipts: \$1,103.7

Other Funding Sources

Inter-agency Receipts: \$80.2

Highway / Equipment Working Capital Fund: \$903.9 International Airport Revenue Funds: \$2,294.9 Capital Improvement Program (CIP) Receipts: \$29,087.4 Statutory Designated Program Receipts: \$26.7 Uniform Commercial Registration Receipts: \$0.8 In-state Pipeline Fund Inter-agency Receipts: \$1.3 Aviation Fuel Tax Revenue: \$4.2 Rural Airport Receipts: \$247.5 Rural Airport Inter-agency Receipts : \$15.9



Shared Services breakdown



DGF Funding Sources Marine Highway System Fund: \$200.1 General Funds / Program Receipts: \$187.5

Other Funding Sources

Inter-agency Receipts: \$3,316.6 Highway / Equipment Working Capital Fund: \$33,674.2 Capital Improvement Program (CIP) Receipts: \$6,198.7 International Airport Revenue Funds: \$150.2 Rural Airport Receipts: \$23.7

