

State of Alaska FY2017 Governor's Operating Budget

Department of Transportation/Public Facilities Design, Engineering and Construction Results Delivery Unit Budget Summary

Design, Engineering and Construction Results Delivery Unit

Contribution to Department's Mission

Improve the transportation system in Alaska and protect the health and safety of the people of Alaska by developing transportation and public facilities projects and constructing safe, environmentally sound, reliable and cost effective highways, airports, harbors, docks, and buildings.

Core Services

- Prepare initial funding through the completion of a bid-ready set of plans, specifications for the legal and technical contract terms, and engineer's estimates for the cost of construction, as well as preparing geotechnical reports for the project site and materials sources, obtaining necessary land interests and environmental clearances and permits, and preparing plans and obtaining agreements with utility companies for required relocations.
- Provide technical support functions to the department, other state and federal agencies, and local governments and the public for traffic speed studies, bridge inspections, materials testing, processing of utility, right-of-way and traffic permits, and preparation of environmental documents.
- Develop design and construction standards.
- Administer construction contracts, provide field inspection and construction oversight, provide quality assurance that construction/environmental documentation and materials are in conformance with contract requirements during construction and closeout of projects, and report Disadvantaged Business Enterprises/Minority Business Enterprise activity on construction projects.
- Review construction documents, provide bid packages, advertise and award contracts, prepare certified bid tabulations, and help resolve bidding disputes.
- Coordinate, solicit, select, prepare and administer professional services agreements.
- Coordinate and program project funding; administer state and federal grants; provide engineering management support; prepare and manage data within a management reporting system for capital projects; provide regional network administration and desktop computer support; and process time and equipment charges to projects.
- Oversee all building planning, design and construction related activities and acts as the advocate for department-wide facility needs.
- Establish and maintain the department's Transportation Asset Management program.
- Lead the department's quality improvement initiatives and ensure compliance with federal funding initiatives.

Major RDU Accomplishments in 2015

- Transition the Knik Arm Crossing project from Knik Arm Bridge & Toll Authority to the Department of Transportation and Public Facilities.
- Implemented regulations on naturally occurring asbestos.
- Began the process to assume Federal Highway Administration National Environmental Policy Act approval, including environmental assessments and environmental impact statements.
- Managed over 450 projects in various stages of development or construction.
- Ongoing work on the Arctic ports study – a joint effort led by the Army Corps of Engineers.
- Established a Tribal Liaison capacity by leveraging skills currently in the department.
- Established a multi-department Facilities Maintenance Shared Service Project to determine if there are costs savings to be achieved by consolidation of work or processes.
- Continued successful management of the \$138.9 million State Library Archive Museum project.

Key RDU Challenges

- Increased volume and complexity of right-of-way acquisitions.
- Access to material sites due to slow permitting from Alaska Department of Natural Resources and Bureau of Land Management.
- Lack of sufficient staff in federal agencies to issue permits and conduct the reviews needed for construction projects.
- New environmental regulations and agency interpretations continue to add complexity, cost, time, and risk to

- the delivery of our projects.
- Transitioning department to an asset/performance management agency.

Significant Changes in Results to be Delivered in FY2017

Results based budgeting will be used to develop performance measures that quantify outcomes (not activities) as well as determine priorities.

Contact Information
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**Design, Engineering and Construction
RDU Financial Summary by Component**

All dollars shown in thousands

	FY2015 Actuals				FY2016 Management Plan				FY2017 Governor			
	UGF+DGF Funds	Other Funds	Federal Funds	Total Funds	UGF+DGF Funds	Other Funds	Federal Funds	Total Funds	UGF+DGF Funds	Other Funds	Federal Funds	Total Funds
Formula Expenditures None.												
Non-Formula Expenditures												
Statewide Public Facilities	450.4	4,334.8	0.0	4,785.2	100.0	4,542.9	0.0	4,642.9	100.0	4,542.9	0.0	4,642.9
SW Design & Engineering Svcs	917.0	9,706.9	0.0	10,623.9	92.0	12,966.7	0.0	13,058.7	98.2	12,953.9	0.0	13,052.1
Harbor Program Development	305.5	350.6	0.0	656.1	384.2	282.1	0.0	666.3	384.2	282.1	0.0	666.3
Central Design & Eng Svcs	642.8	22,013.2	0.0	22,656.0	655.0	21,933.8	0.0	22,588.8	655.0	21,820.1	0.0	22,475.1
Northern Design & Eng Svcs	434.6	15,944.4	0.0	16,379.0	251.7	16,612.2	0.0	16,863.9	251.7	16,612.2	0.0	16,863.9
Southcoast Design & Eng Svcs	272.8	10,109.8	0.0	10,382.6	313.8	10,775.5	0.0	11,089.3	313.8	10,775.5	0.0	11,089.3
Central Construction & CIP	0.0	24,078.0	0.0	24,078.0	97.5	20,570.0	0.0	20,667.5	97.5	20,570.0	0.0	20,667.5
Northern Construction & CIP	329.2	22,214.5	0.0	22,543.7	162.0	16,540.0	0.0	16,702.0	162.0	16,540.0	0.0	16,702.0
Southcoast Region Construction	0.0	7,465.3	0.0	7,465.3	55.0	7,885.5	0.0	7,940.5	55.0	7,885.5	0.0	7,940.5
Knik Arm Crossing	0.0	1,095.7	0.0	1,095.7	0.0	1,699.2	0.0	1,699.2	0.0	1,699.2	0.0	1,699.2
Totals	3,352.3	117,313.2	0.0	120,665.5	2,111.2	113,807.9	0.0	115,919.1	2,117.4	113,681.4	0.0	115,798.8

**Design, Engineering and Construction
Summary of RDU Budget Changes by Component
From FY2016 Management Plan to FY2017 Governor**

All dollars shown in thousands

	<u>Unrestricted Gen (UGF)</u>	<u>Designated Gen (DGF)</u>	<u>Other Funds</u>	<u>Federal Funds</u>	<u>Total Funds</u>
FY2016 Management Plan	1,240.1	871.1	113,807.9	0.0	115,919.1
One-time items:					
-SW Design & Engineering Svcs	-35.3	0.0	-70.0	0.0	-105.3
Adjustments which continue current level of service:					
-SW Design & Engineering Svcs	41.5	0.0	57.2	0.0	98.7
-Central Design & Eng Svcs	0.0	0.0	-113.7	0.0	-113.7
FY2017 Governor	1,246.3	871.1	113,681.4	0.0	115,798.8