

State of Alaska FY2004 Governor's Operating Budget

Department of Transportation/Public Facilities Central Region Construction and CIP Support Component Budget Summary

Component: Central Region Construction and CIP Support

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Component Mission

The mission of the Construction and CIP Support division is to improve the transportation system in Alaska and protect the health and safety of the people of Alaska by constructing safe, environmentally sound, reliable and cost effective highways, airports, harbors, docks, and buildings.

Component Services Provided

Director's Office: Division general management.

Construction Branch: Administers construction contracts, provides field inspection and construction oversight, provides quality assurance that construction documentation and materials are in conformance with contract requirements during construction and closeout of projects, and reports Disadvantaged Business Enterprises/Minority Business Enterprise activity on construction projects.

Contracts Branch: The Construction Contract Unit reviews construction documents, provides bid packages, advertises and awards contracts, prepares certified bid tabulations, and helps resolve bidding disputes. The Professional Services Agreement Unit coordinates, solicits, selects, prepares and administers Professional Services agreements.

Terminal Redevelopment Branch: Provides facility planning, develops project designs, administers and inspects construction contract work, provides finance planning and assists in the issuance of bonds, develops and implements cost and schedule controls, and provides overall program management for the redevelopment of the Ted Stevens Anchorage International Airport (ANC) terminal and associated airside and road improvements.

Project Control Branch: Coordinates and programs project funding; administers state and federal grants; provides engineering management support; prepares and manages the component's operating budget; develops, enhances, maintains Oracle management reporting system for capital projects; provides regional network administration and desktop computer support; and processes time and equipment charges to projects. Provides departmental and intra-departmental mail service that entails processing and distributing incoming and outgoing mail to all state offices on a daily basis.

Public Facilities Branch: Plans facilities, programs projects, and provides cost estimate and management services necessary to design, construct, renovate, or repair state owned public facilities.

Component Goals and Strategies

To improve the transportation system and public facilities in Alaska:

- Advertise, award, and administer construction contracts for roads, airports, and facilities efficiently and in accordance with department policies and procedures.
- Construct and complete all projects on time and within budget.
- Monitor and forecast expenditures to assure funding is available for timely payment of contract obligations.
- Prepare project documentation and provide construction administration in conformance with all laws, regulations, and requirements to ensure continued federal funding.
- Plan, design, construct, renovate, and repair public facilities managed by other state agencies to meet their respective needs and objectives.
- Transfer ownership of applicable roads and facilities to local governments upon completion of construction improvements.
- Correct existing code deficiencies and perform seismic retrofitting of bridges.

- Expand Ted Stevens Anchorage International Airport to bring the terminal up to current safety standards, alleviate congestion and accommodate increasing passenger demand.

To protect the health and safety of the people of Alaska:

- Ensure Americans with Disabilities Act (ADA) requirements are incorporated into all projects.
- Identify and correct existing safety related problems on road and facilities projects.
- Utilize appropriate "double fine" construction zones, use vehicle speed awareness equipment, and contract for increased enforcement through the Alaska State Troopers and the Anchorage Police Department in construction work sites.
- Inform the public of road closures and construction delays by posting "Southcentral Navigator" and other special construction advisories in newspapers, on television, and on the department's web-site.

Provide general management and administrative support:

- Provide timely public notice for bidding and contracting opportunities through the use of the department's web-site and other formal advertisements.
- Coordinate the consultant selection process to facilitate contracting for design and construction services as quickly and cost effectively as possible.
- Advise and train project managers concerning funding requirements and rules to ensure all federal and state financial and project development guidelines are followed.

Key Component Issues for FY2003 – 2004

The increased level of Federal Highway Administration (FHWA) and Federal Aviation Administration (FAA) funds nationwide has necessitated the need for alternative methods of delivery of construction projects. The Department is anticipating delivering more jobs by the Design/Build method, as well as managing construction administration of contracts through consultants, local or borough governmental agencies, the Bureau of Indian Affairs (BIA), the Alaska Department of Natural Resources, and in time, through contractor acceptance testing. This marks the gradual transition from active construction management by Department employees to the role of quality assurance of the management of projects by others. The increased level of FHWA funds nationwide has created competition across the country for trained and experienced engineering personnel. Increased demand for consultant services to provide construction administration has strained the available talent pool utilized by the consultants. Increased workload is making it hard to perform certain administrative tasks with current staffing levels.

Major Component Accomplishments in 2002

- Received \$172.3 million in federal highway construction authorization in FFY02.
- Received \$65.6 million in federal aviation authorization in FFY02, of which the majority was allocated to the construction phase. Awarded contracts for \$94.6 million in International Airport Revenue Fund, general fund, bond fund, and reimbursable projects in SY02.
- Completed runway, taxiway, lighting, and safety improvements at rural airports in Chevak, Clarks Point, Kalskag, Kodiak, Levelock and McGrath.
- Continued work on the ANC Terminal Redevelopment Project, Concourse C building construction.
- Began commitment to Homeland Security at ANC with design completion and contract advertising of a Closed Circuit Television System.
- Completed paving 31 centerline miles (62 lane miles) of gravel road in Central Region.
- Completed rehabilitation, rut repair and resurfacing of 53.1 miles of National Highway System (NHS) routes including: Glenn Highway-McCarrey Street to Hiland Drive, New Seward Highway-Diamond Blvd. to Tudor Road, Seward Highway –various locations between MP 25 and 116.6.
- Continued commitment to upgrade the NHS routes to meet current standards for width, grade alignment and safety with the completion of major reconstruction of: Parks Highway MP 37-40 Church Street to Seward Meridian Road including an interchange at Hyer Road, Parks Highway MP 57-67 Little Susitna River to White's Crossing including a railroad grade separation at White's Crossing, Glenn Highway MP 61-67 Sutton to King River, Sterling Highway-Soldotna Urban section from Fred Meyer to Kobuk Street.
- Completed projects to improve capacity and alleviate congestion at the New Seward Highway at Diamond Interchange On Ramp and the extension of the Palmer-Wasilla highway from the Parks Highway to Knik-Goose Bay Road.
- Continued making safety awareness in construction traffic zones a priority by educating the public through use of the Changeable Message Board, publication of Alaska 2002: Highway Construction Traveler's Guide & Map, and by

educating and equipping construction field staff who attend the American Traffic Safety Services Association (ATSSA) class to become Worksite Traffic Supervisors. Also purchased reflective vests/rain gear for construction work zone safety staff.

- Increased safety for traveling public with installation of continuous highway lighting on the Glenn Highway through the Palmer Hay Flats.
- Completed over \$940,000 in Americans with Disabilities Act (ADA) improvements to courthouses, education facilities, correctional centers, state office buildings, ferry terminals and health centers throughout the state.
- Completed renovations of the Mt. McKinley Meat Packing Plant, Palmer Correctional Center Fuel System, Public Health Lab Heat Exchanger and the Soldotna Dept. of Public Safety re-roof. Completed design and awarded construction contract for a new 10-bed youth detention facility in Kenai.
- Completed procurement process for a design/build contract to replace the Alaska Psychiatric Institute in Anchorage with a new facility estimated to cost over \$41.8 million dollars.
- Began construction work on the Glenn/Parks Highway Interchange design/build project.

Statutory and Regulatory Authority

- AS 02 Aeronautics
- AS 08 Business and Professions
- AS 19 Highways and Ferries
- AS 34 Property
- AS 35 Public Buildings, Works
- AS 36 Public Contracts
- AS 44 State Government
- USC CFR 14 Aeronautics
- USC CFR 23 Highways
- USC CFR 41 Contracts
- USC CFR 43 Lands
- USC CFR 49 Transportation

Central Region Construction and CIP Support
Component Financial Summary

All dollars in thousands

	FY2002 Actuals	FY2003 Authorized	FY2004 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	12,236.0	14,161.7	14,311.3
72000 Travel	47.3	29.0	29.0
73000 Contractual	508.3	674.8	941.5
74000 Supplies	323.8	400.0	385.6
75000 Equipment	34.0	0.0	0.0
76000 Land/Buildings	266.5	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	13,415.9	15,265.5	15,667.4
Funding Sources:			
1004 General Fund Receipts	255.3	246.9	222.5
1007 Inter-Agency Receipts	336.7	459.5	461.9
1061 Capital Improvement Project Receipts	12,823.9	14,559.1	14,983.0
Funding Totals	13,415.9	15,265.5	15,667.4

Central Region Construction and CIP Support

Proposed Changes in Levels of Service for FY2004

Staff training will be reduced. In-house managers will present supervisory and management training to lower level staff on the job, rather than through the use of professional courses. This takes management time and expertise away from construction project issues. Equipment replacement schedule will be increased from three to four years. This may result in increased repair costs and delays when essential equipment fails or is inoperable waiting for repair.

Summary of Component Budget Changes

From FY2003 Authorized to FY2004 Governor

All dollars in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2003 Authorized	246.9	0.0	15,018.6	15,265.5
Adjustments which will continue current level of service:				
-Annualize FY2003 COLA for General Government and Supervisory Bargaining Units	0.0	0.0	148.7	148.7
-\$75 per Month Health Insurance Increase for Non-covered Staff	0.3	0.0	0.6	0.9
Proposed budget decreases:				
-Reduce training and equipment replacement	-24.7	0.0	0.0	-24.7
Proposed budget increases:				
-Add CIP Receipt authority to fund "Navigator" public information construction advisory services	0.0	0.0	277.0	277.0
FY2004 Governor	222.5	0.0	15,444.9	15,667.4

Central Region Construction and CIP Support

Personal Services Information

	Authorized Positions		Personal Services Costs	
	<u>FY2003</u> <u>Authorized</u>	<u>FY2004</u> <u>Governor</u>		
Full-time	151	153	Annual Salaries	10,297,721
Part-time	64	62	Premium Pay	952,808
Nonpermanent	0	0	Annual Benefits	3,893,704
			<i>Less 5.50% Vacancy Factor</i>	(832,933)
			Lump Sum Premium Pay	0
Totals	215	215	Total Personal Services	14,311,300

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Accountant IV	1	0	0	0	1
Accounting Spvr II	1	0	0	0	1
Accounting Tech I	1	0	0	0	1
Accounting Tech II	3	0	0	0	3
Accounting Tech III	2	0	0	0	2
Administrative Assistant	4	0	0	0	4
Administrative Clerk II	6	0	0	0	6
Administrative Clerk III	6	0	0	0	6
Administrative Manager IV	1	0	0	0	1
Data Processing Mgr I	1	0	0	0	1
Division Director	1	0	0	0	1
Duplication Supervisor	1	0	0	0	1
Eng Tech Journey	11	0	0	8	19
Eng Tech Sub Journey I	1	0	0	2	3
Eng Tech Sub Journey II	13	0	0	6	19
Eng Tech Sub Journey III	10	0	0	4	14
Engineer/Architect I	3	0	0	0	3
Engineer/Architect II	9	0	0	0	9
Engineer/Architect III	8	0	0	0	8
Engineer/Architect IV	5	0	0	0	5
Engineer/Architect V	1	0	0	0	1
Engineering Assistant I	6	0	0	0	6
Engineering Assistant II	40	0	0	0	40
Engineering Assistant III	33	0	0	0	33
Engineering Associate	10	0	0	0	10
Micro/Network Spec I	2	0	0	0	2
Micro/Network Tech II	3	0	0	0	3
Offset Dup Mach Op I	1	0	0	0	1
Offset Dup Mach Op II	1	0	0	0	1
Procurement Spec I	2	0	0	0	2
Procurement Spec II	2	0	0	0	2
Procurement Spec III	1	0	0	0	1
Secretary	1	0	0	0	1
Tech Eng I / Architect I	3	0	0	0	3
Trans Planner I	1	0	0	0	1
Totals	195	0	0	20	215