

State of Alaska
FY2005 Governor's Operating Budget

Department of Transportation/Public Facilities
Measurement Standards & Commercial Vehicle Enforcement
Component Budget Summary

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Component: Measurement Standards & Commercial Vehicle Enforcement

Contribution to Department's Mission

- Enhance Motoring Public Safety and Protect Public Infrastructure
- Assure Market Place Confidence and Equitable Trade

Core Services

Commercial Motor Vehicle Size, Weight and Safety:

- Oversize/overweight commercial motor vehicle (CMV) permits - issues oversize/overweight permits. A permit specifies the routes and conditions under which vehicles or loads that exceed legal dimensions and weight limitations set by statute and regulation may move on the state highway system. Danger and inconvenience to the travelling public are minimized and potential damage to the highway structures and bridges is reduced.
- Weigh stations - operates ten-fixed weigh stations at key locations across the state. Vehicles are weighed and inspected, the objectives of which are to minimize non compliant commercial vehicle operators by ensuring that drivers and vehicles meet federal and state operating requirements and operate in a safe and responsible manner, as well as within applicable size and weight permit limitations.
- Mobile units - performs roadside CMV inspections using mobile inspection teams. The key objective is to provide size, weight and safety inspections at random roadside locations throughout the state.
- Commercial motor vehicle safety training and crash inspection - provide training and coordination of secondary size, weight and safety enforcement activity to other state and local enforcement agencies. As requested, perform vehicle inspections at CMV crashes.
- Commercial vehicle enforcement outreach - provide on-site training in commercial vehicle safety and enforcement for local police departments, Alaska state troopers, and commercial vehicle operators, mechanics and other management and support personnel.

Weights and Measures:

- Package testing program - tests prepackaged commodities at the wholesale and retail level. This function protects both consumers and merchants to ensure that the stated net weight or volume is accurate.
- Scales testing program - inspect, test and certify the accuracy of scales used in commerce within the state. This includes scales used in the fishing, construction, warehousing and freight industries, as well as scales in retail stores. This function protects both consumers and merchants by ensuring that scales do not overstate or understate actual product being measured.
- Scanner testing program - tests the accuracy scanners used at retail points of sale to ensure proper pricing of products. This function protects both consumers and merchants by ensuring that scanners do not overcharge or undercharge products available for sale.
- Petroleum testing program - inspect, test and certify the accuracy of a variety of fuel meters used in commerce within the state. This function protects both consumers and merchants by ensuring that meters do not overstate or understate the volume of fuel being sold.

Metrology Laboratory:

- Custodian of the State Standards of measurement. The state provides testing, calibration and certification of standards for mass, length, volume and speed detection to federal, state and local government organizations as well as to the private sector.
- Mass measurement - test and calibrate mass standards up to 1,000 lbs. The laboratory evaluates and adjusts test weights used by state weights and measures inspectors for field testing in the scale-testing program. The standards used by the state weights and measures inspectors must be tested and certified on an annual basis as prescribed by Alaska statutes. Mass measurement services are also provided for industry and other government entities.
- Length measurement - test and calibrate length standards. Provide testing and calibration of graduated tapes up to 100 feet in length.
- Volumetric measurement - test and calibrate test volumes up to 1,500 gallons. The laboratory evaluates and adjusts test measures and provers used by state weights and measures inspectors for field testing in the petroleum testing program. The standards used by the state weights and measures inspectors must be tested and certified on an annual basis as prescribed by Alaska statutes. Volumetric testing services are also conducted for industry and other government entities.

- Speed detection unit testing - test speed detection units (laser and radar guns) used in law enforcement. Testing includes evaluation of tuning forks if used with the device, as well as testing for correct operation of the device itself. Services are provided for federal, state and local law enforcement organizations.

FY2005 Resources Allocated to Achieve Results		
FY2005 Component Budget: \$4,701,300	Personnel:	
	Full time	62
	Part time	0
	Total	62

Key Component Challenges

- To reduce the motor carrier driver/vehicle “Out of Service” rate through increased inspections.
- To improve CMV safety targeting new entrants into the motor carrier business by conducting compliance reviews within the first eighteen months of operation.
- To improve CMV safety through a joint effort with FMCSA and DMV by revoking CMV registrations.
- To improve CMV safety by increasing the return rate of inspection compliance certifications from carrier by a vigorous follow up under the IRAP.
- To focus resources to mobile roadside commercial motor vehicle enforcement of size, weight and safety regulations.
- To inspect registered weighing and measuring devices annually.
- To increase rural large fuel meter inspections.
- To deploy and implement the CVISN core components of Safety Information Exchange, Automated Permitting and Electronic Screening.
- To seek out additional federal grant funding which may be available for such activities as CMV data exchange between agencies for safety and security.
- To seek out additional federal grant funding which may be available for such activities as CMV operations to improve efficiencies for both government and industry.
- To seek out additional supplemental federal grant funding which may be available for such activities as commercial bus inspection, drug interdiction, and other commercial vehicle safety related activities.
- To focus efforts on the regulation of the safe transport of hazardous materials in the state.
- To continue developing the compliance review (CR) element of our CMV enforcement strategy whereby commercial vehicle enforcement officers conduct CR’s at the carrier’s place of business.
- To continue professional development training in division areas expertise.
- To increase local LEO contracts to support additional CMV inspections
- To improve commercial vehicle inspection activities to reduce commercial vehicle inspection time.
- To improve OS/OW permit processing to reduce average permit time.
- To improve weigh station operations to reduce average weigh station time.
- To focus division efforts on the regulation of the safe transport of hazardous materials in the state.
- To improve overall Alaska Highway safety with an integrated CMV and Highway Safety operations strategy.
- To improve freight mobility, through the development of a strategic freight mobility operations plan to include the following areas: intermodal freight operations, border crossing, design and engineering of Alaska Highway infrastructure, regulations and compliance and a freight operations information network.

Significant Changes in Results to be Delivered in FY2005

- A reduction in fatalities and injuries from crashes involving commercial motor vehicles.
- An improvement in commercial motor vehicle weight compliance resulting in preserving the infrastructure.
- A higher level of buyer and seller market place confidence that trade measurements are accurate and appropriate as a result of an increased level of compliance with weights and measures laws and regulations.
- An improvement in efficiencies of freight movement for both government (regulatory compliance) and industry.

- Improved IT systems and networks the division is now beginning to implement with one new Permanent Microcomputer Network Technician II to assist the division Information Technology staff in providing support for training, implementation, upgrades and maintenance on present.
- Improved liquid measuring systems in rural Alaska through increased testing and certification of field standard liquid provers by having the Metrology Laboratory staff travel to remote locations.
- Improved network connectivity necessary to exchange and update commercial vehicle data with headquarters and other weigh stations required by federal commercial vehicle program guidelines by providing for the ongoing ability to maintain and repair hardware and software utilized by outlying weigh stations.
- Improved database and data communications programs offering data centralization features that will enhance and harmonize enforcement efforts for the Weights & Measures Inspectors.
- Improved enforcement scale reliability by providing regularly scheduled preventative maintenance contract on all static scales at weigh stations throughout the state.

Major Component Accomplishments in 2003

- Increased Commercial Vehicle Safety field inspections by 17.7 % over last year.
- Implemented the Commercial Vehicle Customer Service Center and issued more than 18,000 oversize/overweight permits.
- Acquired additional office space at a very favorable rate to accommodate increased space needs.
- Achieved a statutory change to clarify authority issues over regulation of hazardous materials transport regulations.
- Deployed lap top computers to Commercial Vehicle Enforcement Officers to enable electronic entry and transfer of inspection data.
- Increased the number of CMV inspection contracts with local police departments for inspection services.
- Installed the Weigh in Motion component for the electronic screening site at the Glenn Outbound Weigh Station.
- Increased Commercial Vehicle Safety field inspection personnel, trained all personnel to perform North American Standard (NAS) driver and vehicle inspections, achieved National Certification of all field personnel by the Commercial Vehicle Safety Alliance (CVSA); trained all personnel to perform hazardous materials inspections and cargo tank inspections.
- Timely response to requests for scale inspections on private commercial projects and federally funded airport and road construction projects.
- Upgraded critical parts of the computer infrastructure. Upgrades were needed to run software established as standards for state as well as federal program requirements.
- Installed a new Data/DSL connection in our Juneau office to eliminate the costly dial-up connection.
- Conducted pilot tests to track statewide commercial vehicle HazMat cargo using GPS technologies.
- Automated Out of State Temporary Trailer Registrations for electronic application by Motor Carriers.
- Presented Alaska's ITS/CVO strategy at national conferences
- Served as subject matter expert (SME) for CVISN information technologies.
- Served as SME to National Highway Institute for Homeland Security interface with CVO.

Statutory and Regulatory Authority

- AS 45.75 Weights & Measures Act
- AS 19.10.060 Size, Weight, & Load Provisions; Restriction On Use of Highways; Commercial Vehicle Inspection Program
- AS 19.10.300 Financial Responsibility (Commercial Motor Vehicle)
- AS 19.10.310 Commercial Motor Vehicle Safety Inspections
- 17 AAC 25 Truck Size, Weight and Safety Regulations
- 17 AAC 90 Specifications, Tolerances, and Regulations For Weighing and Measuring Devices

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**Measurement Standards & Commercial Vehicle Enforcement
Component Financial Summary**

All dollars shown in thousands

	FY2003 Actuals	FY2004 Authorized	FY2005 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	3,677.4	4,133.5	4,127.9
72000 Travel	142.2	123.5	123.5
73000 Contractual	509.4	346.4	346.4
74000 Supplies	115.0	62.5	62.5
75000 Equipment	36.0	41.0	41.0
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	4,480.0	4,706.9	4,701.3
Funding Sources:			
1004 General Fund Receipts	1,918.0	1,738.4	1,590.7
1007 Inter-Agency Receipts	12.1	0.0	0.0
1061 Capital Improvement Project Receipts	854.4	1,226.9	1,289.3
1156 Receipt Supported Services	1,695.5	1,741.6	1,821.3
Funding Totals	4,480.0	4,706.9	4,701.3

Estimated Revenue Collections

Description	Master Revenue Account	FY2003 Actuals	FY2004 Authorized	FY2005 Governor
Unrestricted Revenues				
Receipt Supported Services	51073	14.0	0.0	0.0
Unrestricted Fund	68515	4.1	0.0	0.0
Unrestricted Total		18.1	0.0	0.0
Restricted Revenues				
Interagency Receipts	51015	12.1	0.0	0.0
Receipt Supported Services	51073	1,695.5	1,741.6	1,821.3
Capital Improvement Project Receipts	51200	854.4	1,226.9	1,289.3
Restricted Total		2,562.0	2,968.5	3,110.6
Total Estimated Revenues		2,580.1	2,968.5	3,110.6

**Summary of Component Budget Changes
From FY2004 Authorized to FY2005 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2004 Authorized	1,738.4	0.0	2,968.5	4,706.9
Adjustments which will continue current level of service:				
-Changes to Retirement and Other Personal Services Benefits	0.0	0.0	142.1	142.1
Proposed budget decreases:				
-GF reduction	-147.7	0.0	0.0	-147.7
FY2005 Governor	1,590.7	0.0	3,110.6	4,701.3

**Measurement Standards & Commercial Vehicle Enforcement
Personal Services Information**

Authorized Positions		Personal Services Costs		
	<u>FY2004</u> <u>Authorized</u>	<u>FY2005</u> <u>Governor</u>		
Full-time	64	62	Annual Salaries	2,829,519
Part-time	0	0	Premium Pay	75,087
Nonpermanent	1	1	Annual Benefits	1,340,356
			<i>Less 2.76% Vacancy Factor</i>	<i>(117,062)</i>
			Lump Sum Premium Pay	0
Totals	65	63	Total Personal Services	4,127,900

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Accounting Tech I	1	0	0	0	1
Administrative Assistant	1	0	0	0	1
Administrative Clerk II	1	0	0	0	1
Administrative Clerk III	6	0	0	0	6
Administrative Manager II	1	0	0	0	1
Administrative Supervisor	1	0	0	0	1
Chf Wgts Meas & Permit	2	0	0	0	2
Comm Vehicle Enforcemnt Off I	1	1	0	0	2
Comm Vehicle Enforcemnt Off II	8	8	0	6	22
Comm Vehicle Enforcemnt Off III	1	1	0	1	3
Division Director	1	0	0	0	1
Engineer/Architect I	1	0	0	0	1
Measure Standards Spvr	1	0	0	0	1
Micro/Network Spec I	1	0	0	0	1
Micro/Network Spec II	1	0	0	0	1
Micro/Network Tech II	1	0	0	0	1
Planner I	1	0	0	0	1
Planner II	2	0	0	0	2
Secretary	1	0	0	0	1
State Metrologist I	1	0	0	0	1
State Metrologist II	1	0	0	0	1
Trans Planner II	1	0	0	0	1
Weights & Meas Insp I	3	1	1	0	5
Weights & Meas Insp II	3	1	1	0	5
Totals	42	12	2	7	63