

State of Alaska
FY2004 Governor's Operating Budget

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

Component: Measurement Standards & Commercial Vehicle Enforcement

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Component Mission

The mission of the Division of Measurement Standards and Commercial Vehicle Enforcement is to provide public protection and preservation of the state's transportation infrastructure by enforcing federal and state statutory and regulatory requirements in the truck size, weight and safety enforcement program, and the weights and measures program.

Component Services Provided

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 is 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. Also inspect at-sea fish processor scales through a contractual agreement with the U.S. Department of Commerce, National Marine Fisheries Service for scales used in the Bering Sea Pollock fisheries.
- **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 Lab:

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.

Component Goals and Strategies

To provide protection for the motoring public:

- Maintain and upgrade weigh station and truck inspection enforcement facilities through performing deferred maintenance.
- Continue to execute Commercial Vehicle Information Systems and Networks (CVISN) initiatives to provide web based oversize/overweight permit issuance, electronic commercial vehicle screening at the Glenn Outbound Weigh Station and continue to deploy laptops to roadside commercial vehicle inspectors.
- Continue to execute Advanced Commercial Vehicle Operations (ACVO) projects, which includes mobile brake checks at highway speed using the Infrared Inspection System (IRIS) Van and Remote Video Monitoring Systems for weight enforcement at the Port of Anchorage and Minnesota Bypass WIM sites.
- Implement ACVO initiatives to provide prototype Unattended Weigh Station Operations (UWSO) at the Glenn Inbound Weigh Station and tracking of commercial vehicle Table One and Two HAZMAT cargo.
- Promote safe and efficient movement of commercial motor vehicle traffic on the state highway system.

To provide equity in the marketplace by creating a level playing field:

- Increase mobile commercial vehicle enforcement so non-compliant vehicles and operators have the same probability of being inspected.
- Continue contracting with local and regional law enforcement agencies to perform commercial motor vehicle safety inspections.
- Implement the Weights and Measures information system.
- Replace/upgrade Weights and Measures vehicles and test equipment.
- Provide precision measurement services to government and industry.
- Maintain confidence in the accuracy of commercial marketplace measurements.

To protect the State's investment in infrastructures:

- Regulate the incidence of oversize and overweight vehicle loads in order to extend the functional life of the states highway structure and bridges.
- Pursue long term funding alternatives for the commercial vehicle size, weight and safety program.

Key Component Issues for FY2003 – 2004

- The Division will continue to deploy the projects identified in the Alaska ITS/CVO Business Plan, as accepted by the Federal Highway Administration (FHWA). Major efforts will be directed at CVISN Level 1 and ACVO deployment. Work will continue to computerize the permit program, to electronic screening of commercial vehicles at the Glenn Outbound Weigh Station near Anchorage and to continue to deploy laptop computers to Commercial Vehicle Enforcement Officers to ensure timely delivery of critical safety data.
- Additional supplemental funding may be available for such activities as commercial bus inspection, drug interdiction, and other commercial vehicle safety related activities through the U.S. Department of Transportation, Federal Motor Carrier Safety Administration.
- The division will focus efforts on the regulation of the safe transport of hazardous materials in the state. A legislative change is proposed to place the responsibility for the enforcement of hazardous materials transportation regulations in the Department. This very important authority was not transferred at the time of Executive Order 98 and the authority is essential to effective management and implementation of the Commercial Vehicle Safety Program.
- The division will continue to develop the Compliance Review (CR) element of our CMV enforcement strategy whereby Commercial Vehicle Enforcement Officers conduct CR's at the carriers place of business.

- The Division will continue with additional training in the areas of North American Standards driver/vehicle safety inspection and Motorcoach (passenger bus) driver/vehicle safety inspections.
- The division will increase rural large fuel meter inspections, if possible.
- The division will see a reduction in the number of commercial inspectors in the division, preventing some weigh stations from being continually manned during high summer traffic season resulting in degradation of the roads from overweight trucks. The division will also see a decrease in safety inspections of commercial vehicles and in the number of weights and measures inspections throughout Alaska.

Major Component Accomplishments in 2002

- 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.
- Received funding approval for \$1.68 million for ACVO projects.
- Deployed the following CVISN and ACVO projects: IRIS Van and ASPEN.
- Began construction on the electronic screening site at the Glenn Outbound Weigh Station.
- Executed timely responses to requests for scale inspection services on private commercial projects and federally funded airport and road construction projects.
- Instituted fees for measurement services performed by the Metrology Laboratory.
- Upgraded critical parts of the computer infrastructure. Upgrades were needed to run software established as standards for state as well as federal program requirements.

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

Measurement Standards & Commercial Vehicle Enforcement

Component Financial Summary

All dollars in thousands

	FY2002 Actuals	FY2003 Authorized	FY2004 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	3,514.7	4,218.2	4,078.3
72000 Travel	115.7	159.7	123.5
73000 Contractual	331.1	346.4	346.4
74000 Supplies	66.9	62.5	62.5
75000 Equipment	34.6	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	4,063.0	4,827.8	4,651.7
Funding Sources:			
1004 General Fund Receipts	2,046.9	1,936.1	1,722.2
1061 Capital Improvement Project Receipts	559.8	1,196.2	1,210.6
1156 Receipt Supported Services	1,456.3	1,695.5	1,718.9
Funding Totals	4,063.0	4,827.8	4,651.7

Measurement Standards & Commercial Vehicle Enforcement

Proposed Changes in Levels of Service for FY2004

- Hire one new Long Term, Non Permanent Microcomputer Network Technician II to assist the division Information Technology staff in providing support for training, implementation, upgrades and maintenance on present IT systems and networks as well as information technology systems the division is now beginning to implement.
- Provide for the ongoing ability to maintain and repair hardware and software utilized by outlying weigh stations as well as to maintain the network connectivity necessary to exchange and update commercial vehicle data with headquarters and other weigh stations required by federal commercial vehicle program guidelines.
- Weights & Measures Inspectors will utilize a new database and data communications program which offers data centralization features that will enhance and harmonize enforcement efforts.
- A new Data/DSL connection will be installed in our Juneau office to eliminate the costly dial-up connection which is very unreliable with frequent disconnects to the user.
- Allow for an expanded recertification program of test weights and equipment in the outlying locations by establishing a pre-determined schedule.
- Provide for an expanded regularly scheduled preventative maintenance contract on all static scales at weigh stations throughout the state.
- The division will reduce the number of commercial vehicle inspectors in the division, preventing some weigh stations from being continually manned during high summer traffic season resulting in degradation of the roads from overweight trucks and a decrease in safety inspections of commercial vehicles, as well as a reduction in the number of weights and measures inspections throughout Alaska.

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	1,936.1	0.0	2,891.7	4,827.8
Adjustments which will continue current level of service:				
- \$75 per Month Health Insurance Increase for Non-covered Staff	0.9	0.0	0.0	0.9
- Annualize FY2003 COLA increase for General Government and Supervisory Bargaining Units	0.0	0.0	37.8	37.8
Proposed budget decreases:				
- Reduce number of commercial vehicle inspectors	-214.8	0.0	0.0	-214.8
FY2004 Governor	1,722.2	0.0	2,929.5	4,651.7

Measurement Standards & Commercial Vehicle Enforcement

Personal Services Information

	Authorized Positions		Personal Services Costs	
	<u>FY2003</u> <u>Authorized</u>	<u>FY2004</u> <u>Governor</u>		
Full-time	67	64	Annual Salaries	2,857,012
Part-time	2	0	Premium Pay	225,993
Nonpermanent	1	1	Annual Benefits	1,170,843
			<i>Less 4.13% Vacancy Factor</i>	(175,518)
			Lump Sum Premium Pay	0
Totals	70	65	Total Personal Services	4,078,330

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	1	0	0	0	1
Comm Vehicle Enforcemnt Off I	2	0	0	0	2
Comm Vehicle Enforcemnt Off II	7	10	0	6	23
Comm Vehicle Enforcemnt Off III	2	1	0	1	4
Division Director	1	0	0	0	1
Engineer/Architect I	1	0	0	0	1
Measure Standards Spvr	2	0	0	0	2
Micro/Network Spec I	2	0	0	0	2
Micro/Network Tech II	1	0	0	0	1
Planner I	2	0	0	0	2
Planner III	1	0	0	0	1
Research Analyst II	1	0	0	0	1
Secretary	1	0	0	0	1
State Metrologist I	1	0	0	0	1
State Metrologist II	1	0	0	0	1
Weights & Meas Insp I	2	1	0	0	3
Weights & Meas Insp II	3	1	1	0	5
Weights & Meas Insp Trne	1	0	1	0	2
Totals	43	13	2	7	65