

Traffic Safety and Automated Enforcement

Introduction

The Office of Traffic Safety (OTS) makes Edmonton's roads and communities safer through education, engineering, enforcement and evaluation. Traffic safety is important to Edmonton's citizens and a major priority for the City of Edmonton. A safe transportation system contributes to a strong sense of community and the livability of our city.

OTS evaluates traffic data to support effective management and enforcement of local traffic. Collision data is reviewed and analyzed to create recommendations for speed management initiatives and community safety programs.



Intersections are high-risk locations for collisions. Risky behaviour like speeding and running red lights has serious consequences, including collision, injury, and death. OTS delivers programs to reduce speeding, deter risky driver behaviour at intersections and reduce collisions, especially ones that involve injury.



The Office of Traffic Safety installs and manages intersection safety cameras at high-collision intersections. OTS also contracts Photo Radar Operators, who are appointed Peace Officers, to conduct photo radar enforcement at various locations throughout the city.

By working closely with the Edmonton Police Service, the Office of Traffic Safety is able to reduce speeding, reduce impaired driving, and increase seat belt use.

The Office of Traffic Safety collaborates with the Edmonton Federation of Community Leagues as well as Edmonton Public School Board and Edmonton Catholic School District to provide education and to involve Edmontonians in traffic safety initiatives in their community.



Traffic Safety and Automated Enforcement

Approved 2013 Budget – Program Summary

(\$000)

	2011 Actual	2012 Budget	2013 Budget	\$ Change '12-'13	% Change '12-'13
Revenue & Transfers					
Automated Enforcement	15,937	32,400	30,100	(2,300)	(7.1)
Total Revenue & Transfers	15,937	32,400	30,100	(2,300)	(7.1)
Expenditure & Transfers					
Automated Enforcement Expenditures					
Automated Enforcement Operations	7,340	4,828	4,796	(32)	(0.7)
Ticket Processing - PETS	325	1,364	1,550	186	13.6
Ticket Processing - IT Support	108	108	111	3	2.8
Ticket Processing - Printing	-	54	54	-	-
Traffic Safety - Operating					
OTS Analysis & Research	2,695	2,571	2,653	82	3.2
Traffic Safety - Transportation	3,849	4,167	1,344	(2,823)	(67.7)
Traffic Management Center - IT Support	108	108	111	3	2.8
Capital Funding					
Integrated Speed Equipment	-	3,500	2,377	(1,123)	(32.1)
Prior Year's Capital Repayment	-	-	1,404	1,404	-
Subtotal	14,425	16,700	14,400	(2,300)	(13.8)
Intra-municipal Recoveries	-	-	-	-	-
Total Expenditure & Transfers	14,425	16,700	14,400	(2,300)	(13.8)
Net Operating Requirement	\$ (1,512)	\$ (15,700)	\$ (15,700)	\$ -	-

Full-time Equivalents

- - - - -

Note: \$15,700 funding to Edmonton Police Services (EPS).

Budget Changes for 2013

(\$000)

Revenue & Transfers - Changes

Automated Enforcement (\$2,300)

Although an increase in revenue is expected from installation of new intersection safety cameras and photo radar vehicles and from full implementation of in-house City operated program, there is an overall decrease of \$2,300 in revenue due to the impact of additional traffic enforcement through EPS and the overall positive impact that the program is having on changing driver behaviour.

Expenditures & Transfers - Changes

Automated Enforcement Expenditures \$157

Fleet Services cost, which includes fuel and maintenance, has decreased by \$32. The \$186 and the \$3 increases are required for the conversion from external to internal ticket processing.

Traffic Safety and Automated Enforcement

Traffic Safety - Operating (\$2,738)

\$82 increase is for Office of Traffic Safety's research and collision analysis. \$2,823 reduction is due to elimination of funding through Automated Enforcement revenue (\$2,970) for intersection safety sanding operations in the Snow and Ice Control program while \$147 increase is for continued operation of the Traffic Management Center (TMC), traffic engineering, survey and monitoring and the remaining \$3 increase is for IT support to the TMC for the wireless data infrastructure.

Capital Funding \$281

Integrated Speed Equipment (intersection safety cameras and photo radar vehicles) capital expenditures for 2013 are expected to be lower by \$1,123. Placement of intersection safety camera equipment is based on detailed analysis of safety factors. The capital requirement and development of the Photo Enforcement Ticketing System (PETS) was completed in 2012. The \$1,404 is the first repayment of the prior years' Integrated Speed Equipment capital expenditures (balance at the end of 2011 is \$9,483).

Full-time Equivalents - Changes

There are no FTE changes for 2013.

51 FTEs support the Traffic Safety and Automated Enforcement program from the following branches:

Transportation Operations, Transportation Services Department:

Photo Enforcement Operations 13 FTEs

OTS Analysis & Research 14 FTEs

Traffic Safety - Transportation 10 FTEs

Transportation Planning, Transportation Services Department:

Traffic Safety - Transportation 2 FTEs

Corporate Accounting and Treasury, Financial Services and Utilities Department:

Ticket Processing - PETS 9 FTEs

Materials Management, Corporate Services Department:

Ticket Processing - Printing 1 FTE

Information Technology, Corporate Services Department:

Ticket Processing - IT Support: 1 FTE

TMC - IT Support: 1 FTE

Traffic Safety and Automated Enforcement

Approved 2013 Budget – Program Summary

Program Name - Traffic Safety and Automated Enforcement

Results to be Achieved

The Office of Traffic Safety strives to make Edmonton's roads and communities safer through education, engineering, enforcement and evaluation. A safe transportation system contributes to a strong sense of community and the livability of our city.

Service Standards	Resources	2011	2011	2012	2013
	(\$000)	Actual	Budget	Budget	Budget
The Office of Traffic Safety works to continually improve the general safety of the roadways as outlined in the Traffic Safety Strategy. The strategy focuses on reducing traffic collisions, increasing seat belt wearing rate, and reducing the incidence of impaired driving. The Office of Traffic Safety manages Intersection Safety Cameras and the Automated Enforcement Program to deter dangerous driving and coordinates with the Edmonton Police Service to enforce traffic laws and bylaws.	Revenue & Transfers	\$ 15,937	\$ 33,817	\$ 32,400	\$ 30,100
	Expenditure & Transfers	14,425	21,117	16,700	14,400
	Net Operating Requirement	\$ (1,512)	\$ (12,700)	\$ (15,700)	\$ (15,700)
	Management		-	-	-
	Exempt		-	-	-
	Union		-	-	-
	Temporary		-	-	-
	Full - Time Equivalent		-	-	-

2012 Services

- Performs traffic safety reviews and collision data analysis.
- Reviews and recommends speed management initiatives and community safety programs.
- Collaborates with Edmonton Police Services to address traffic safety through education, engineering and enforcement.
- Installs and manages automated enforcement.

Changes in Services for 2013

- Develop a Safe Roadway Systems Strategy.
- Continued development of the speed management program.
- Optimize deployment of automated enforcement.