



**City of Beaumont**  
**Automated Traffic Enforcement (ATE)**  
**Annual Report**

**2023**



## Program Information

The Automated Traffic Enforcement (ATE) program in Beaumont has been a longstanding initiative aimed at enhancing traffic safety within the community. By aligning with provincial guidelines, the ATE program strives to remain relevant, effective, and compliant. Conduent Business Solutions serves as the contracted service provider responsible for the day-to-day operations of ATE. Oversight and direction from the city and local RCMP detachment ensure that the program's focus remains to prioritize traffic safety over all else.

It is important to note that the City of Beaumont's Automated Traffic Enforcement Program was inactive for administrative review from July 2023 to December 2023. Data included in this report related to the number of contraventions and tickets issued represents statistics collected from January to July only. Collision statistics are representative of the entire calendar year.

Speeding and intersection safety have been identified as primary concerns in Beaumont. In response, ATE is used alongside traditional enforcement efforts by Municipal Enforcement and RCMP Officers. The balanced approach of using both education and enforcement promotes safer roads and reduces the number and severity of collisions. Beaumont remains committed to improving traffic outcomes for all road users. Further information regarding the ATE strategy in Beaumont can be found in the current Traffic Safety Plan, reviewed annually.

## ATE Locations

The City of Beaumont uses ATE at 27 locations throughout the municipality, creating a total of 61 individual sites monitored using ATE. To ensure that our program aligns with the criteria set out in Alberta's current *ATE Technology Guidelines*, ATE Location Assessment Forms are reviewed and submitted to the province every two years. Current Location Assessment forms can be found on the City of Beaumont's website (<https://beaumont.ab.ca/859/ATE-Location-Assessment-Forms>). All ATE sites are reviewed and approved by the Beaumont RCMP Detachment Commander before submitting documentation to the province. Since 2020, there have been 15 ATE zones retired from the program.

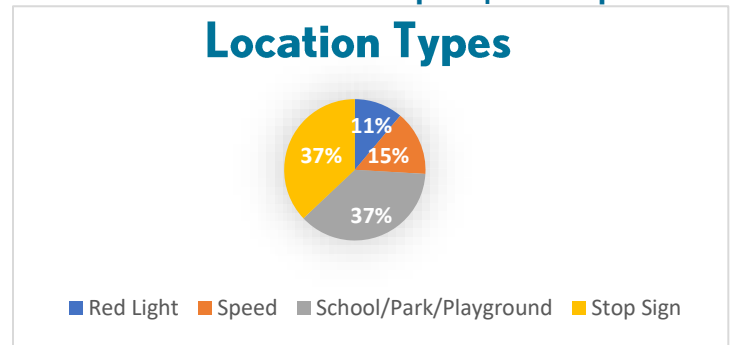
Beaumont does not use any intersection safety devices/red light cameras to monitor traffic. The program is operated using one mobile ATE unit operated by a trained Community Peace Officer (CPO). The mobile unit travels throughout the community to the scheduled monitoring location(s) each day.

Every year, a review of the program is completed to ensure that ATE is being used as a tool to enhance traffic safety in the city, with the primary focus being to reduce the number and severity of collisions on our roads.



### Active ATE Locations by Type

- 3 (11%) Red Light
- 10 (37%) School/Park/Playground
- 4 (15%) Speed
- 10 (37%) Stop Sign



## Public Awareness and Transparency

Permanent signage is posted on all primary access roadways entering Beaumont to advise travelers that ATE is used in our city. Additional signage is posted on all major thoroughfares and at intersections and roadways where specific ATE locations exist. To increase public awareness, the City of Beaumont posts monthly ATE deployment schedules on the city’s website, in the newspaper, and on social media platforms. (Sample - Appendix A).

## 2023 Data Summary

The information in this section contains data collected from reports issued by the City of Beaumont’s ATE service provider, in addition to statistics supplied by the local RCMP detachment. The purpose of collecting this data is to ensure that Beaumont’s ATE program demonstrates that the use of ATE is contributing to the desired transportation safety outcomes, as outlined in the *Automated Traffic Enforcement Technology Guideline*.

### Deployment Statistics

- Playground Zones 354.56 hours (61%)
- All other Zones 228.28 hours (39%)
- Total Deployment Hours 582.84 hours

### Number of Vehicles Monitored

To stay compliant with the latest requirements in the *Automated Enforcement Technology Guideline*, new technology was purchased by our contract provider to fulfill this requirement. In 2023, a total of 67, 606 vehicles were monitored at approved ATE locations in Beaumont.

### Ticket Data

The following tables show current-year statistics in addition to a 5-year comparison of violations captured using ATE technology only. The numbers shown do not include data for violations issued by RCMP or Community Peace Officers. There is an overall downward trend in the number of violations being issued year over year using ATE technology.



### Contraventions and Violations Issued

	Speeding	Red Light	Stop Sign	TOTAL
<b>Contraventions</b>	599	66	479	1,144
<b>Notices Issued</b>	438	45	365	848

### Total Number of Contraventions and Notices Issued- 5-Year Comparison

	2019	+/-	2020	+/-	2021	+/-	2022	+/-	2023	+/-
Total number of photo radar zones within the municipality	76	0	76	0	76	0	61	-19.5%	59	-3%
Total number of speed offences committed within the municipality (captured using photo radar only)	5112	-1.6%	1621	-68%	2507	+154.6%	2203	-12%	599	-73%
Total number of speeding tickets <b>issued</b> within the municipality (captured using photo radar only)	3919	-3.5%	1060	-73%	2232	+210.6%	1874	-16%	438	-77%
Total number of red light offences committed within the municipality	221	-25%	51	-77%	157	+307.8%	145	-8%	66	-54%
Total number of red light tickets <b>issued</b> within the municipality	106	-31%	26	-75%	113	+434.6%	91	-19%	45	-51%
Total number of stop sign offences committed within the municipality	1723	-7%	455	-74%	1666	+366.1%	2006	+20.5%	479	-76%
Total number of stop sign tickets <b>issued</b> within the municipality	1256	-15%	212	-83%	987	+465.5%	1279	+29.5%	365	-71%

### Collision Data

The data in this report relating to collisions is inclusive of collisions that occurred at or near ATE zones only; this is not a representation of all collisions within Beaumont corporate limits. There were 20 collisions at or near ATE zones in Beaumont in 2023. This shows a downward trend and is down significantly from the 72 collisions recorded in 2020. Due to reduced speed limits of 30 km/hour in all playground zones and school areas, 40 km/hour in residential areas, 50 km/hour on main roads, (50<sup>th</sup> Street, 50<sup>th</sup> Avenue inclusive), and a maximum speed limit of 60 km/hour on Range Roads and Township Roads surrounding the city, Beaumont rarely records fatal collisions.



	Total Collisions	Severity		# of Injuries	# of Fatalities	3-Year Average		
		Injury	Property Damage			Total	Injury	Property Damage
2021	29	9 (31%)	20 (69%)	9	0	26 collisions /year	3%	83%
2022	29	9 (31%)	20 (69%)	10	0			
2023	20	8 (40%)	12 (60%)	9	0			

Beaumont is confident that the current ATE program is improving traffic and pedestrian safety in our city. By reviewing the statistics included in this report, a downward trend in collisions and violations issued is evident.

### Performance Targets

The city of Beaumont has set a performance target of reducing all contraventions and collisions by 5% annually. The program's annual goal is to:

- Reduce speed contraventions by 5%
- Reduce red light contraventions by 5%
- Reduce stop sign contraventions by 5%
- Reduce the overall number of collisions (property damage, injury, and fatal)
- Reduce the total number of injuries and fatalities resulting from collisions.

### ATE Program Revenue and Traffic Safety Improvements

The City of Beaumont uses revenues generated from ATE to fund traffic safety initiatives throughout the community. Examples may include crosswalks, traffic lights and signage, line painting, curb extensions, etc. The projected revenue from the City of Beaumont's ATE program in 2023 was \$210,246.18. In 2023, the City of Beaumont invested a total of \$132,000 into pedestrian safety upgrades in our community. Upgrades included:

- Temporary Curb Extension Pilot Program
  - Temporary curb extensions installed on 56A St/55 Ave and 56A St/Rue Montalet intersections from Spring to October 2023. The extensions are intended to reduce vehicle speeds, encourage proper turning movements, and increase pedestrian safety in intersections.
  - In-service road safety review/study completed by transportation consultant before and after installation.
- Pedestrian Crosswalk Upgrade on 50<sup>th</sup> Street (near Sobeyes/Home Hardware)
  - Overhead flashing crosswalk upgraded to a pedestrian-initiated traffic signal.
- New Playground Zone Signs
  - All playground zones/school areas throughout the city were updated to uniform Playground Zone signs, with enforcement times visible.



In 2023, two enforcement locations were retired from the ATE program, as a direct result of infrastructure and engineering upgrades funded in part by revenues from the ATE program. As identified above, the flashing pedestrian crosswalk on 50<sup>th</sup> Street was upgraded to a pedestrian-initiated traffic signal. Switching from overhead flashing lights only, to a standard red traffic signal provides clearer guidance to drivers. Drivers now understand that they must come to a complete stop, enhancing traffic flow and safety.

The City of Beaumont continues to research and invest in new and upgraded road safety initiatives to increase safety for pedestrians and motorists alike. Combining engineering, education, and enforcement tactics has created a well-rounded strategy for addressing traffic safety in Beaumont and makes the Automated Traffic Enforcement Program a continued success.



## Appendix A – Monthly ATE Deployment Schedule Example

		<b>Automated Traffic Enforcement Locations OCTOBER 2022</b>
<b><u>DATE:</u></b>	<b><u>LOCATION:</u></b>	<b><u>LOCATION TYPE:</u></b>
October 1	50 STREET SB at/near SOBEYS CROSSWALK	Speed
October 4	43 AVENUE EB at/near BEAUMONT HIGH SCHOOL	Speed
October 5	50 AVENUE EB at/near 62 STREET	Speed
October 6	50 STREET SB at/near RUE MONTALET	Red Light
October 7	60 STREET SB at/near ECOLE CHAMPS VALLEE SCHOOL	Speed
October 8	50 STREET SB at/near LION'S RV PARK	Speed
October 11	56 A STREET NB at RUE MONTALET	Speed Sign
October 12	RUE PARC STREET SB at/near D'YOUVILLE SCHOOL	Speed
October 13	50 AVENUE WB at RR 243	Stop Sign
October 14	EAGLEMONT STREET NB at/near DANSEREAU SCHOOL	Speed
October 15	50 STREET NB at/near TWP 510	Speed
October 18	55 AVENUE WB at/near JE LAPOINTE SCHOOL	Speed
October 19	43 AVENUE WB at/near 50 STREET	Red Light
October 20	30 AVENUE WB at/near ECOLE CHAMPS VALLEE SCHOOL	Speed
October 21	COLONIALE WAY EB at/near COLONIALE SCHOOL	Speed
October 22	55 AVENUE WB at/near 50 STREET	Red Light
October 25	50 AVENUE WB at 57 STREET	Stop Sign
October 26	SOLEIL BLVD EB at/near D'YOUVILLE SCHOOL	Speed
October 27	50 AVENUE EB at/near BELLEVUE SCHOOL	Speed
October 28	44 STREET NB at/near BEAU MEADOW SCHOOL	Speed
October 29	RR 243 SB at 50 AVENUE	Stop Sign

**Disclaimer:**  
 Additional locations may be added for photo enforcement on any of the above dates.  
 Photo enforcement may not operate on all the dates listed above.

