



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

**2022**



## Program Information

The Automated Traffic Enforcement (ATE) program in Beaumont has been in place since 1998 and is used as a tool to enhance traffic safety. The City of Beaumont signed a contract with Conduent Business Solutions in 2019 to provide third-party ATE services in the community, effective April 1, 2020. Together, the City of Beaumont and Conduent Business Solutions ensure that our program is compliant with current provincial guidelines and focused on traffic safety.

In the City's *2022-2024 Traffic Safety Plan*, speeding and intersection safety were identified as main areas of concern. ATE is used in combination with traditional enforcement by Municipal Enforcement and RCMP Officers to ensure that there is a balanced approach, using both education and enforcement as tools to increase traffic safety outcomes. Reducing the number and severity of collisions on our roads is the overall focus of the city's Traffic Safety Plan.

## ATE Locations

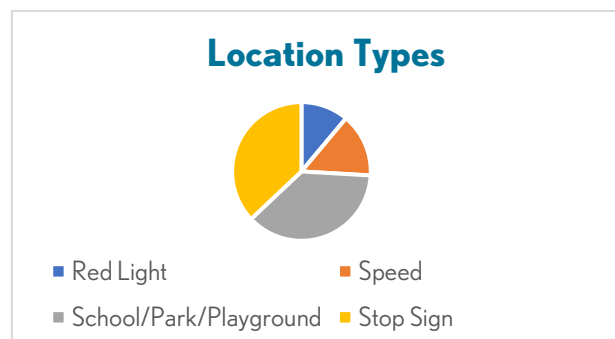
The City of Beaumont uses ATE at 27 locations throughout the municipality. In 2022, there were 61 individual sites in Beaumont monitored using ATE. To ensure that our program aligns with the criteria set out in Alberta's current *ATE Technology Guidelines*, ATE Location Assessment Forms are reviewed and submitted to the province bi-annually, and can be found on the City of Beaumont's website (<https://beaumont.ab.ca/605>). All ATE sites are reviewed and approved by the Beaumont RCMP Detachment Commander prior to being submitted 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. There is one mobile ATE unit operated by a trained Community Peace Officer (CPO), which travels throughout the community to 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.

### 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 leading into 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 Facebook (Sample - Appendix A).

## 2022 Data Summary

The information in this section contains data provided through reports issued by the City of Beaumont’s ATE service provider, as well as data collected from the Alberta eCollisions system. 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*:

### Intermediate Desired Outcomes:

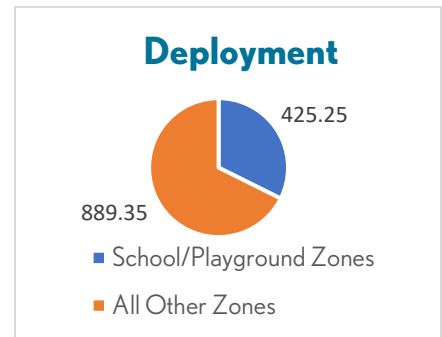
- Reduced Speeding
- Reduced Red Light Running
- Reduced Stop Sign Running

### Long-Term Desired Outcome:

- Improved Transportation Safety Culture

### Deployment Stats

- School/Playground Zones 425.25 hours (32%)
- All other Zones 889.35 hours (68%)
- **Total Deployment Hours 1314.6 hours**



### Number of Vehicles Monitored

This data is not available for 2022. This is a new requirement in the *Automated Traffic Enforcement Technology Guideline*, and the City of Beaumont has never previously had the technology available to collect this statistic. New technology has been purchased by our contract provider, and the data will be available from February 2023 on.

### Ticket Data

The following tables show current year stats 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 Municipal Enforcement Officers. There is an overall downward trend in the number of violations being issued year over year using ATE technology. It is important to note that the number of tickets issued in 2020-2021 was impacted significantly by COVID-19 and a change in the City of Beaumont’s third-party ATE service provider.

### Contraventions and Violations Issued, by Location Type in 2022

|                       | Speeding | Red Light | Stop Sign |
|-----------------------|----------|-----------|-----------|
| <b>Contraventions</b> | 2203     | 145       | 2006      |
| <b>Notices Issued</b> | 1874     | 91        | 1279      |



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

|  | 2018 | +/-    | 2019 | +/-   | 2020 | +/-  | 2021 | +/-     | 2022 | +/-    |
|--|------|--------|------|-------|------|------|------|---------|------|--------|
| Total number of photo radar zones within the municipality  | 76   | -11    | 76   | 0     | 76   | 0    | 76   | 0       | 61   | -19.5% |
| Total number of speed offences committed within the municipality (captured using photo radar only)       | 5193 | -12.3% | 5112 | -1.6% | 1621 | -68% | 2507 | +154.6% | 2203 | -12%   |
| Total number of speeding tickets <b>issued</b> within the municipality (captured using photo radar only) | 4062 | +0.4%  | 3919 | -3.5% | 1060 | -73% | 2232 | +210.6% | 1874 | -16%   |
| Total number of red light offences committed within the municipality                                     | 295  | +38.5% | 221  | -25%  | 51   | -77% | 157  | +307.8% | 145  | -8%    |
| Total number of red light tickets <b>issued</b> within the municipality                                  | 154  | +45%   | 106  | -31%  | 26   | -75% | 113  | +434.6% | 91   | -19%   |
| Total number of stop sign offences committed within the municipality                                     | 1851 | +1.6%  | 1723 | -7%   | 455  | -74% | 1666 | +366.1% | 2006 | +20.5% |
| Total number of stop sign tickets <b>issued</b> within the municipality                                  | 1476 | +14%   | 1256 | -15%  | 212  | -83% | 987  | +465.5% | 1279 | +29.5% |

**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 in Beaumont. There were 29 collisions at or near ATE zones in Beaumont in 2022 and 2021; down significantly from the 72 collisions recorded in 2020. Due to low-speed limits of 40 km/hour in residential and 50 km/hour on main roads throughout the community, (50<sup>th</sup> Street, 50<sup>th</sup> Avenue) Beaumont does not often have any fatal collisions recorded.



|      | Total Collisions | Severity |                 | # of Injuries | # of Fatalities | 3-Year Average      |        |                 |
|------|------------------|----------|-----------------|---------------|-----------------|---------------------|--------|-----------------|
|      |                  | Injury   | Property Damage |               |                 | Total               | Injury | Property Damage |
| 2020 | 72               | 4 (5.5%) | 68 (94.5%)      | Unknown       | 0               | 43 collisions /year | 17%    | 83%             |
| 2021 | 29               | 9 (31%)  | 20 (69%)        | 9             | 0               |                     |        |                 |
| 2022 | 29               | 9 (31%)  | 20 (69%)        | 10            | 0               |                     |        |                 |

### 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 include crosswalks, traffic lights, signage, line painting, curb extensions, etc. The projected revenue from the City of Beaumont’s ATE program in 2022 is \$336,513.97. In 2022, the City of Beaumont invested a total of \$68,000 into pedestrian safety upgrades in our community. Upgrades included:

Signage Upgrades at Six Intersections:

- 50 Avenue and Rue Eaglemont
- 57 Street, south of 47 Avenue (midblock)
- 56A Street and 55<sup>th</sup> Avenue (including adjacent midblock crossing)
- 56A Street and Rue Montalet
- Triomphe Boulevard, west of Triomphe Pointe (midblock)
- 44 Avenue and Triomphe Boulevard

Signage Upgrades and Installation of Crosswalk Lights at Three Intersections:

- 50 Avenue, East of Rue Eaglemont
- Rue Montalet and Rue Monette
- Elan Boulevard and Triomphe Boulevard

The City of Beaumont has several traffic safety initiatives planned for 2023 and on, we look forward to increasing safety for pedestrians and motorists alike by combining engineering, education, and enforcement tactics within our city.

### Performance Targets

Beaumont is confident that our current ATE program is helping to increase traffic safety and pedestrian safety in our city. By reviewing the statistics included in this report, we can see a decrease in collisions and notices issued overall, with a slight increase in stop sign offences from 2021 to 2022.



## Appendix A – Monthly ATE Deployment Schedule Example

|  |   | <b>Automated Traffic Enforcement Locations<br/>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.

