



COALDALE TRAFFIC SAFETY PLAN

2022

Contents

Executive Summary	3
The Alberta Traffic Safety Plan.....	3
Selective Traffic Enforcement Plan.....	5
Coaldale Collision Statistics	Error! Bookmark not defined.
Traffic Safety Enforcement/Improvement Strategies	6
A. Impaired driving	6
B. Education.....	6
C. Traditional speed enforcement	7
D. Automated Enforcement Technology.....	8
E. Additional considerations for Automated Enforcement Technology	9
Signage.....	9
Public Awareness.....	9
Ongoing Review	Error! Bookmark not defined.
F. Research and Evaluation.....	10
G. Related Stakeholders	10

Executive Summary

Traffic safety is a top priority for the Town of Coaldale. A safe and multifaceted transportation system contributes to a strong sense of community and security. The central purpose of this document is to show how our service will integrate the many aspects of transportation – conventional and automated traffic enforcement, public awareness and education, evaluation, and engineering controls -for the purposes of heightening safety for motorists and pedestrians alike.

To this end, our mandate will be to devise strategies that:

- Reduce collisions, especially those that involve death or injury
- Reduce overall speeding
- Deter risky driver behavior at intersections, like speeding or running a red light
- Reduce impaired driving
- Increase seat belt use
- Involve Coaldalians in traffic safety initiatives in their community
- Evaluate traffic data to support effective management and enforcement of local traffic

The Coaldale RCMP Detachment and Coaldale and District Municipal Enforcement will work collaboratively using conventional and automated traffic enforcement..

The Alberta Traffic Safety Plan

The government of Alberta is committed to reducing the number of collisions involving impaired driving and other risk related driving habits and thereby improving traffic safety throughout the province.

The number of collisions, deaths and injuries on Alberta's roads declined considerably since the implementation of this plan. To build on these traffic safety improvements, in 2015 the Alberta's Traffic Safety Plan was developed to build upon the partnerships built in the first plan and promotes a *Safer System Approach*, which aims to encourage safer drivers, safer vehicles and safer roads

The Alberta Traffic Safety Plan was designed in Alberta and reflects Alberta's commitment to meeting the targets set out in the Canada Road Safety Vision 2010.

Government works collaboratively with law enforcement and other traffic safety partners to implement the plan using a combination of core strategies such as enforcement, engineering, education, communication, community engagement and legislation.

The purpose of the traffic safety plan is to:

- Develop coordinating mechanisms in order that all stakeholders work cooperatively to meet provincial targets
- Identify specific priority topics for attention
- Identify and develop action items that are based on best practices to maximize positive results
- Identify implementation methods that maximize effort
- Identify the communication requirements, including coordination of activities at the provincial and community level
 - Establish a performance evaluation program that indicates and confirms progress towards identified targets
 - Educate community residents and road users about the importance of traffic safety issues
 - Involve Aboriginal communities (First Nations and Metis) with the goal of strengthening community action and coordination
 - Identify and support existing partnerships that have been created in support of traffic safety initiatives
 - Develop and nurture further partnerships with other traffic safety organizations, schools, colleges, universities, and health care providers in the undertaking of traffic safety activities
 - Ensure strong government commitment, including municipal and regional governments
 - Include industry sectors as partners in traffic safety.

Selective Traffic Enforcement Plan

The Coaldale RCMP Detachment is dedicated to making the roadways within Coaldale and surrounding areas the safest to drive on in Alberta. Significantly reducing the numbers of collisions, injuries and deaths on our roadways.

Working together with Coaldale and District Municipal Enforcement, the Coaldale RCMP Detachment will use the “Triple E” approach to traffic safety:

Engineering, working with planners’ engineers and roadway operations to develop safer road systems,

Education, working with schools to develop safe roadway habits early, regular engagement with community stakeholders to promote safe driving behavior, proactive “Check Stops” aimed at road safety and reducing impaired and drugged driving,

Enforcement, STEP (Selective Traffic Enforcement Program), focusing each month on a specific traffic Safety initiative within the community.

Each month has been dedicated to enforcing identified issues where members are using conventional enforcement methods, check stops or random enforcement to attempt to bring users of the road into compliance with provincial laws. The monthly Selective Traffic Enforcement plan for 2018 is set out below and the initiatives are focused as enforcement priorities.

Monthly Priorities	
January	Intersection safety
February	Distracted driving
March	Occupant restraints
April	Speeding offences
May	Motorcycle safety
June	Commercial/Pass Vehicle Safety
July	Impaired Driving
August	Young drivers/Distracted drivers
September	Back to School
October	Pedestrian Safety
November	Occupant Restraints
December	Impaired driving

Collision Statistics

Five-year summary	2017	2018	2019	2020	2021
Fatal Collisions	0	1	1	0	0
Injury Collisions	4	5	1	1	1
Property Damage Collisions	105	64	74	59	23
Total Collisions	109	70	76	60	24

Traffic Safety Enforcement/Improvement Strategies

A. Engineering

The RCMP with Coaldale and District Municipal Enforcement participate in a Traffic Calming Program. Reviewing existing roadways for engineers and design changes which will improve road safety and TSA compliance using various road design elements. Traffic patterns, speeds and vehicle classifications are gathered using traffic analyzers and the data reviewed jointly by planners, engineers and enforcement analysts. Recommendations are forwarded and actions initiated based on the findings.

B. Education

Education is a vital component of the Coaldale Traffic Safety Plan. Individual officer warnings are often utilized to change driving habits and educate safe driving practices.

A new initiative, The Candy Cane Check Stop, partners the RCMP, Coaldale and District Municipal Enforcement, MADD, AMA and community partners in awareness events highlighting traffic safety issues, impaired driving, seatbelts, car seats, and mechanical safety of vehicles on our roadways.

Media interviews are utilized as public service announcements with greater impact while reaching a broader population in Coaldale and surrounding area.

Additionally, a dedicated School Resource Officer that works with youth in our community – bringing proactive awareness to the importance of smart choices as they relate to traffic safety.

C. Traditional and Automated Traffic Enforcement

The RCMP Detachment and Coaldale and District Municipal Enforcement Community Peace Officers, pay particular attention to intersection violations and safety and community contact and engagement actions. ATE operators focus on playground speed enforcement and on those sections of highway within Coaldale between intersections where targeted enforcement can provide consistent/sustained enforcement activity not possible with line officers. Working together, ATE enhances the abilities of traditional enforcement.

Members are deployed in high speed/collision areas and playground zones.

In addition to monthly STEP program monthly priorities, the Town of Coaldale RCMP and CPOs pay special attention to the:

- intersection of highway 3 and secondary 845 is high-risk as traffic congestion, multiple intersections in a very short distance, turning lanes and multiple traffic signals are present.
- intersection of Land O Lakes Drive and Highway 3, as well as the secondary intersection of 21st Avenue and Lake O' Lakes Drive, is high risk. There are multiple turning lanes and acceleration lanes in a commercial area with high traffic volumes including civilian traffic, commercial delivery trucks and pedestrians.
- Secondary highway 845 due to high volumes of truck transport traffic, residential houses facing onto 845 and high pedestrian volumes with 3 primary crosswalks leading to elementary and junior high schools.

D. Automated Enforcement Technology

In partnership with the Coaldale and District Municipal Enforcement the Coaldale detachment of the RCMP deploy Automated Traffic Enforcement at the following locations, under the Automated Traffic Enforcement Technology Guidelines:

<u>Site Number</u>	<u>Location</u>	<u>Speed Limit Km/h</u>	<u>Direction of Travel</u>	<u>Rational</u>
PLAYGROUND ZONES				
90	9A St 2000-2100 Blk	30	N/S	4
91	10 St 1800-1900 Blk	30	N/S	4
92	11 St 2100-2300 Blks	30	N/S	4
93	13 St 2000-2200 Blks	30	N/S	4
94	15 St 2000-2200 Blks	30	N/S	4
95	16 St 2200 Blk	30	N/S	4
98	21 Ave 1300-1500 Blks	30	E/W	4
99	21 St. 2100-2200 Blks	30	N/S	4
100	22 Ave 1100 Blk	30	E/W	4
101	22 Ave 1200-1500 Blks	30	E/W	4
102	22 Ave 2200 - 2300 Blk	30	E/W	4
105	24 St 2100-2200 Blk	30	N/S	4
279	22 St 1600-1700 Blks	30	N/S	4
103	23 Ave 1300 - 1600 Blks	30	E/W	4
88	20 Street 2000 – 2100 Blk	30	N/S	4
104	23 Ave 2000-2200 Blk	30	E/W	4
OTHER ZONES				
107	Hwy #3 1700-1900 Blks	50	E/W	2
125	20 St 2100-2300 Blks	50	N/S	2
130	20 St 1400-1600 Blks	50	N/S	2
280	Hwy #3 2200-3000	70	E/W	2
644	Hwy 845 2400 Blks	50	N/S	2
26	8 St from highway 3 to 20th avenue	50	N/S	2
27	Hwy 3 from 800-1200 Blk	70	E/W	2

Spring/Summer Sites

E. Additional considerations for Automated Enforcement Technology

Signage

Permanent signs shall continue to be posted on primary access roads entering municipalities that use automated traffic enforcement technology, alerting the public that automated traffic enforcement technology is used as a speed enforcement tool in the municipality.

Freeways, major thoroughfares, or other roads that are monitored regularly by automated traffic enforcement technology shall have permanent signs along the route, in both directions, advising that speed is monitored by automated traffic enforcement technology.

Mobile Photo Enforcement vehicles will be signed with two bright yellow signs with blue-colored words "Drive Safe" clearly visible placed in front and in back of the vehicle, so they are clearly visible at all times to drivers coming upon the vehicle

Public Awareness

Existing automated traffic enforcement technology sites will be advertised monthly by notifying the local media and posting on an established web site, where possible.

Ongoing Review

As per the above table, each automated enforcement location has a corresponding 'Site Assessment' document issued by the police service of jurisdiction showing why the location was selected and how it relates to traffic safety. This document will be refreshed every three (3) years.

The Manager of Community Policing, with oversight by the Coaldale RCMP Detachment Commander, has the responsibility for overseeing the ATE Program.

One or more of these criteria must be met before ATE is deployed at a specific site. Locations where ATE could be used include:

1. Locations with higher frequency of collisions.
2. Locations with higher frequency of speeding.
3. Locations with higher frequency of intersection contravention.
4. Designated Zones, Playground, School and Construction zones.

Reports will be submitted quarterly and annually to Alberta Provincial Policing Standards in compliance with APPS policy 2.4

F. Research and Evaluation

Information derived from collision reports will be monitored by both the Coaldale RCMP Detachment and Coaldale and District Municipal Enforcement. With this information areas of concern will be identified, and modifications made to enforcement action and the S.T.E.P.

An annual report provided to the Coaldale RCMP Detachment by Coaldale and District Municipal Enforcement breaks down the total number of violators per site and is used in conjunction with other traffic data to review the necessity, effectiveness and continued use of ATE at a given location. (See attached 2021 ATE Annual Report)

G. Related Stakeholders

A collaborative effort amongst our "Traffic Safety Partners" is important to ensure the success of the goals set out in the Coaldale RCMP Detachment Traffic Safety Plan. Traffic Safety Partners are not only on the local but the provincial levels.

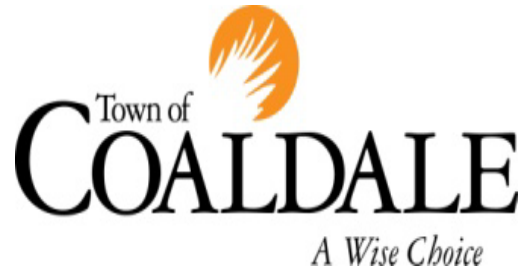
Some of the identifiable partners and stakeholders in the Traffic Safety Plan are:

1. Lethbridge Police Service, inclusive of all members.
2. Town of Coaldale Infrastructure Services.
3. Town of Coaldale Public Safety/ Regulatory Services Department.
4. City of Lethbridge.
5. Chinook Regional Health, P.A.R.T.Y. program.
6. Southern Alberta Vehicle Restraint Coalition.
7. Lethbridge and Area Traffic Safety Committee.
8. Mothers Against Drunk Drivers.
9. Alberta Motor Association.
10. Chinook Health Unit.
11. St. John Ambulance.
12. University of Lethbridge, School of Health Sciences.
13. Alberta Sheriffs, Lethbridge Region.
14. Chinook Region Traffic Safety Coordinator.
15. Office of Traffic Safety.
16. Alberta Occupant Restraint Coalition.
17. Provincial Impaired Driving Committee.

APPROVALS:

**S/Sgt. M. (Mike) Numan
Detachment Commander
Coaldale RCMP Detachment**

**Mark Anderson
Manager of Community Policing
Town of Coaldale**



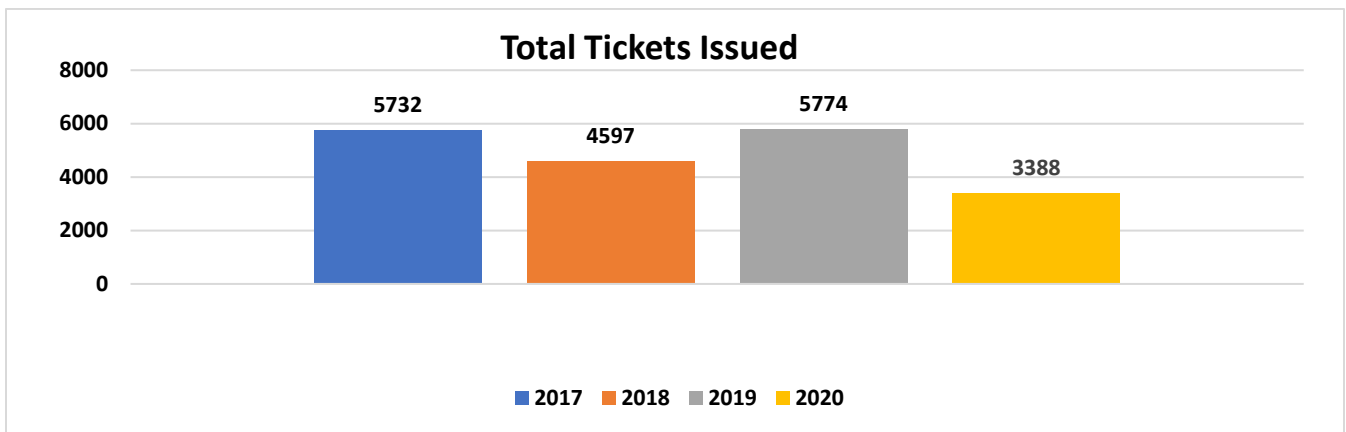
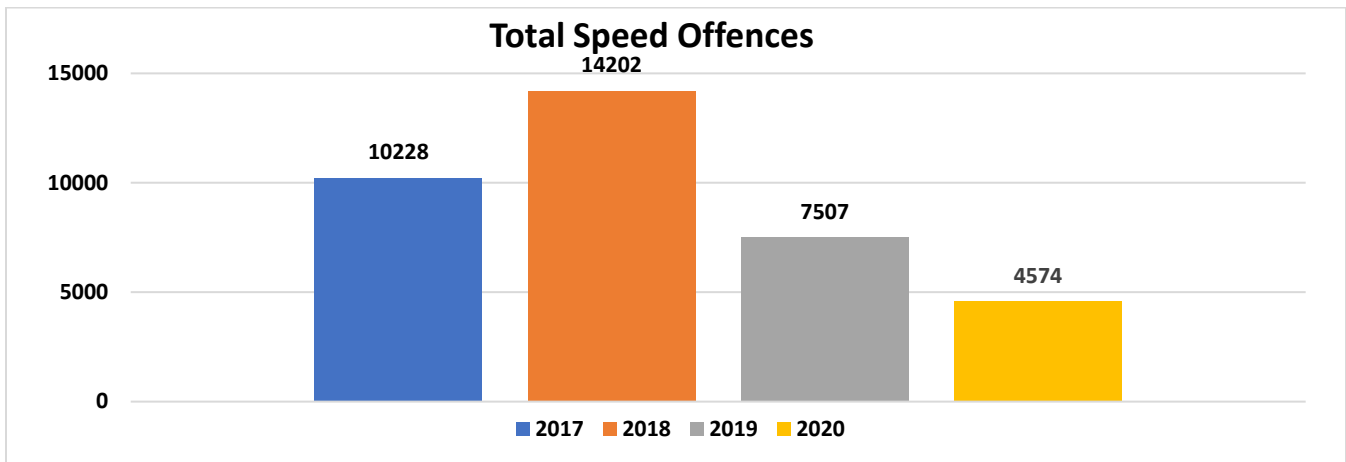
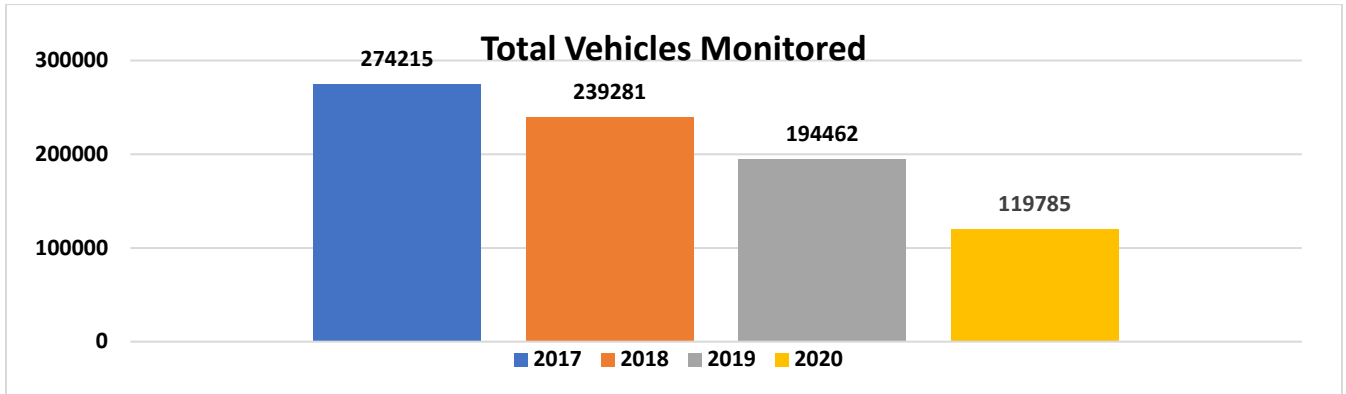
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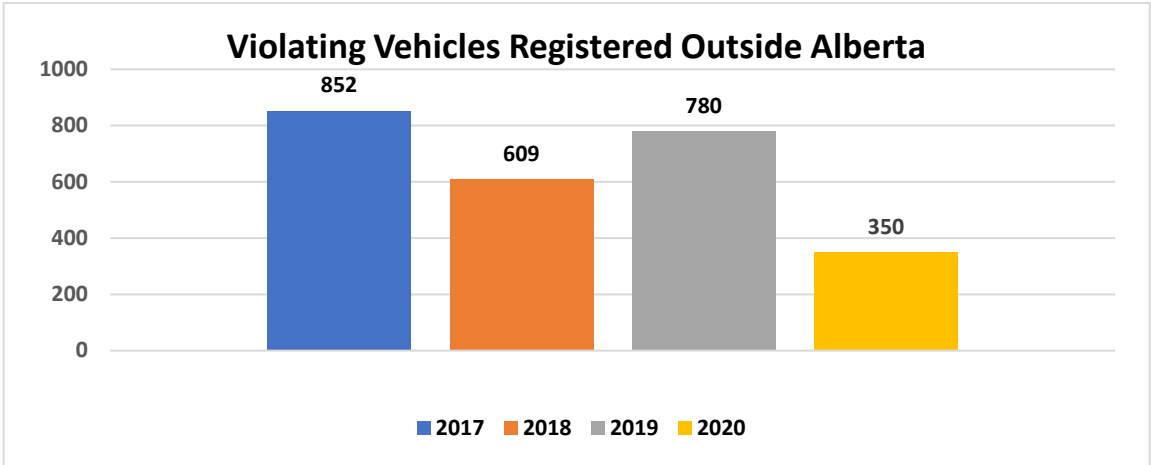
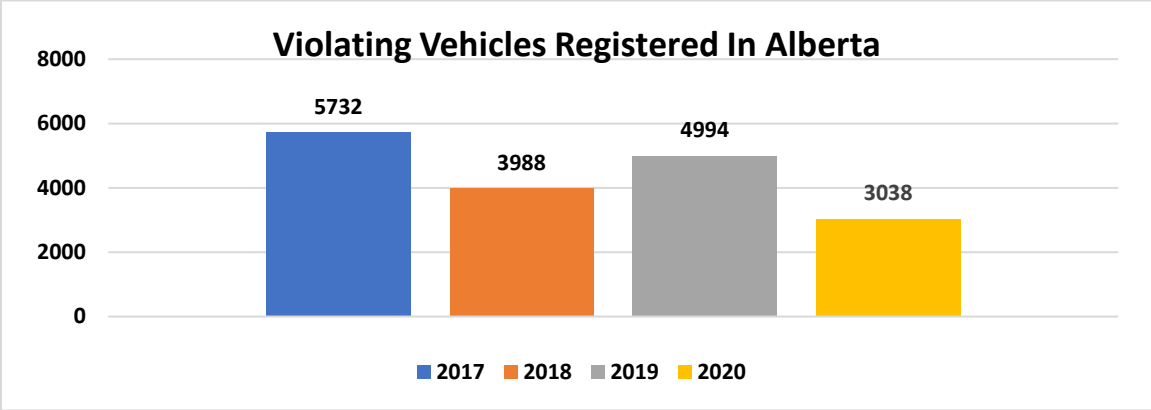
Automated Traffic

Enforcement Report

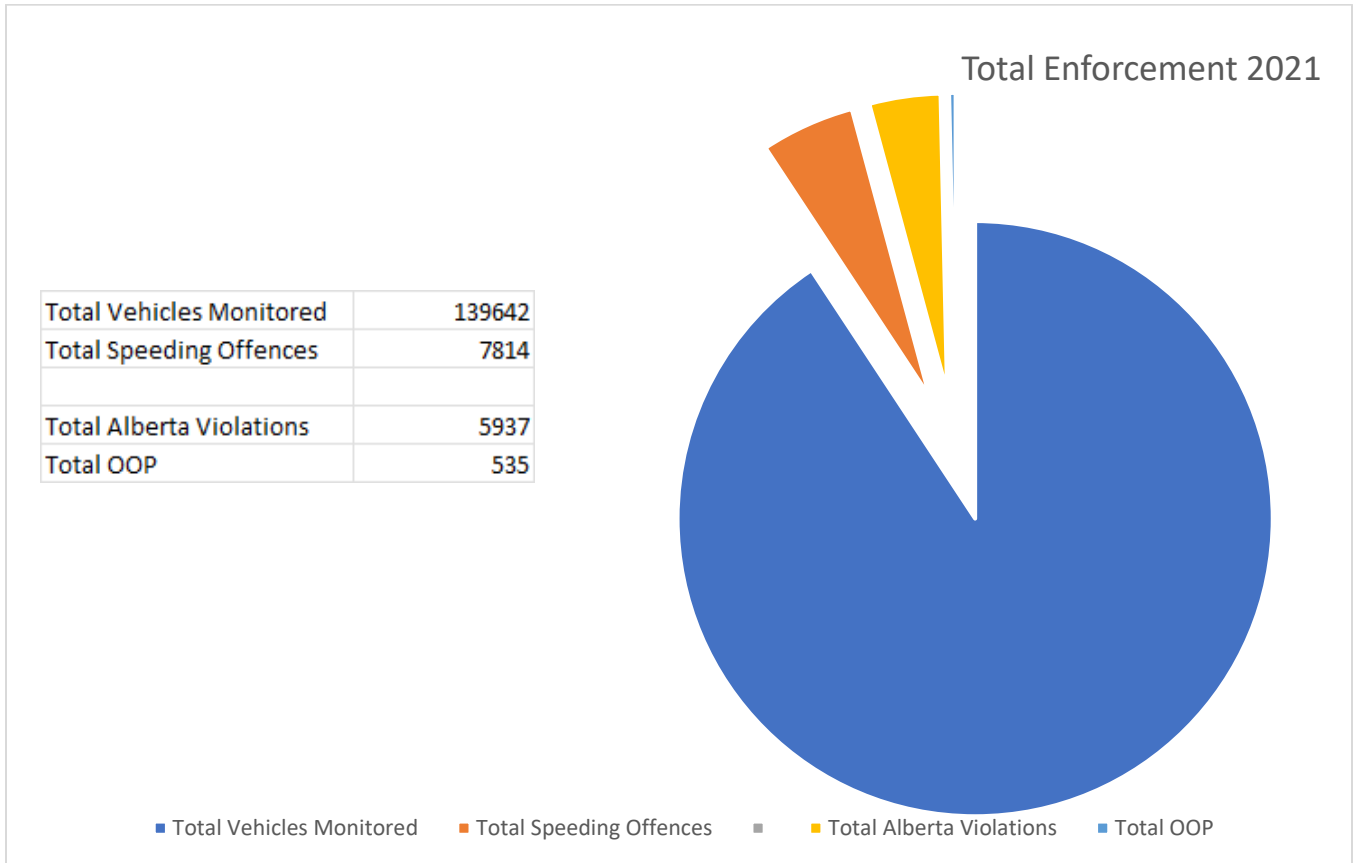
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Previous years

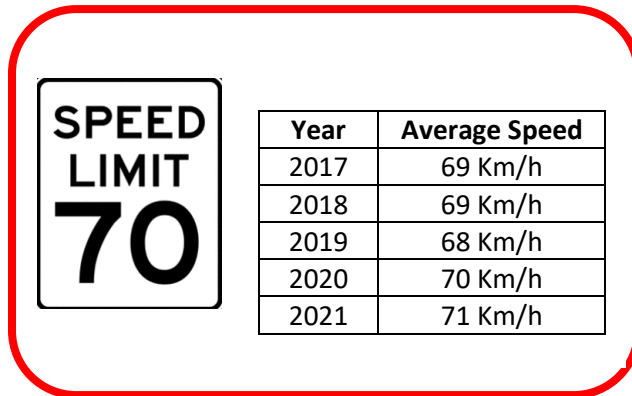
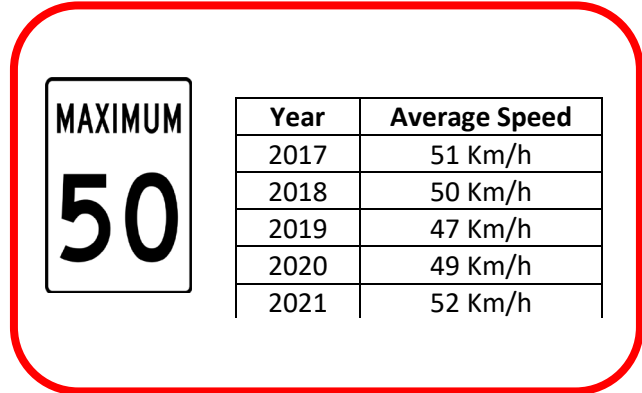
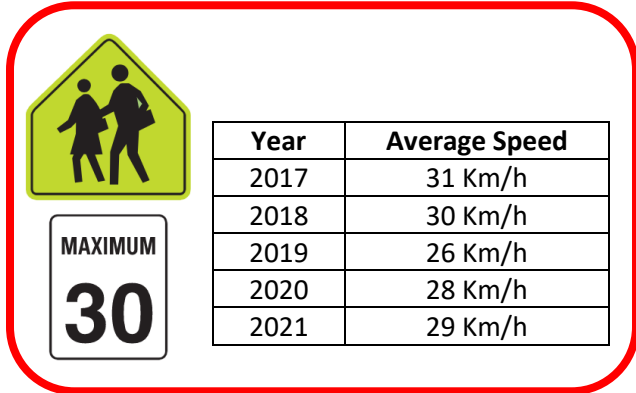




2021 Statistics



Average Speed of Monitored Vehicles



Average Speed of Offending Vehicles



Year	Average Speed
2017	42 Km/h
2018	42 Km/h
2019	41 Km/h
2020	42 Km/h
2021	46 Km/h



Year	Average Speed
2017	68 Km/h
2018	69 Km/h
2019	69 Km/h
2020	68 Km/h
2021	67 Km/h



Year	Average Speed
2017	91 Km/h
2018	90 Km/h
2019	89 Km/h
2020	88 Km/h
2021	89 Km/h

Statistics by Location

Site number:	91
Site location:	10 th Street 1800-1900 Blk
Direction of travel:	Northbound/Southbound
Site criteria:	3 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	6
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	24 Km/h
Average speed for all ticketed vehicles:	N/A

Site number:	92
Site location:	11 th Street 2100-2300 Blks
Direction of travel:	Northbound/Southbound
Site criteria:	4 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	385
Number of speed offences:	38
Tickets issued to Alberta registered vehicles:	33
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	31 Km/h
Average speed for all ticketed vehicles:	43 Km/h

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	93
Site location:	13 th Street 2000-2200 Blks
Direction of travel:	Northbound/Southbound
Site criteria:	4 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	781
Number of speed offences:	83
Tickets issued to Alberta registered vehicles:	18
Tickets issued to vehicles registered outside Alberta:	1
Average speed of all monitored vehicles:	30 Km/h
Average speed for all ticketed vehicles:	45 Km/h

Site number:	100
Site location:	22 Ave 1100 Block
Direction of travel:	Westbound/Eastbound
Site criteria:	4 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	7
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	29 Km/h
Average speed for all ticketed vehicles:	N/A

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	99
Site location:	21 st Street 2100-2200 Blk
Direction of travel:	Northbound/Southbound
Site criteria:	4 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	127
Number of speed offences:	1
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	38 Km/h
Average speed for all ticketed vehicles:	N/A

Site number:	101
Site location:	22 nd Ave 1200-1500 Blks
Direction of travel:	Westbound/Eastbound
Site criteria:	4 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	66
Number of speed offences:	4
Tickets issued to Alberta registered vehicles:	2
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	29 Km/h
Average speed for all ticketed vehicles:	42 Km/h

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	102
Site location:	22 nd Ave 2200-2300 Blk
Direction of travel:	Westbound/Eastbound
Site criteria:	5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
2	11
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	28 Km/h
Average speed for all ticketed vehicles:	N/A

Site number:	103
Site location:	23 rd Ave 1300-1600 Blks
Direction of travel:	Westbound/Eastbound
Site criteria:	4 & 5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	124
Number of speed offences:	2
Tickets issued to Alberta registered vehicles:	2
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	22 Km/h
Average speed for all ticketed vehicles:	43 Km/h

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	105
Site location:	24 th Street 2100-2200 Blk
Direction of travel:	Northbound/Southbound
Site criteria:	5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	6
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	28 Km/h
Average speed for all ticketed vehicles:	N/A

Site number:	279
Site location:	22 nd Street 1600-1700 Blk
Direction of travel:	Northbound/Southbound
Site criteria:	5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	4
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	25 Km/h
Average speed for all ticketed vehicles:	N/A

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	104
Site location:	23 Ave 2000-2100 Block
Direction of travel:	Eastbound/Westbound
Site criteria:	4&5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	50
Number of monitored vehicles:	17
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	41
Average speed for all ticketed vehicles:	N/A

Site number:	107
Site location:	Highway 3 1700-1900 Blks
Direction of travel:	Eastbound/Westbound
Site criteria:	1 & 3
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	50 Km/h
Number of monitored vehicles:	29632
Number of speed offences:	1544
Tickets issued to Alberta registered vehicles:	1049
Tickets issued to vehicles registered outside Alberta:	120
Average speed of all monitored vehicles:	54 Km/h
Average speed for all ticketed vehicles:	67 Km/h

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	125
Site location:	20 St 2100-2300
Direction of travel:	Northbound/Southbound
Site criteria:	7
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	50 Km/h
Number of monitored vehicles:	379
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	43 Km/h
Average speed for all ticketed vehicles:	N/A

Site number:	130
Site location:	20 th Street 1400-1600 Blks
Direction of travel:	Northbound/Southbound
Site criteria:	3 & 7
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	50 Km/h
Number of monitored vehicles:	1089
Number of speed offences:	17
Tickets issued to Alberta registered vehicles:	17
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	49 Km/h
Average speed for all ticketed vehicles:	68 Km/h

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	27
Site location:	Highway 3 800-1200 Blks
Direction of travel:	Eastbound/Westbound
Site criteria:	1 & 3
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	70 Km/h
Number of monitored vehicles:	66301
Number of speed offences:	4188
Tickets issued to Alberta registered vehicles:	2740
Tickets issued to vehicles registered outside Alberta:	337
Average speed of all monitored vehicles:	70 Km/h
Average speed for all ticketed vehicles:	87 Km/h

Site number:	280
Site location:	Highway 3 2200-3000 Blks
Direction of travel:	Eastbound/Westbound
Site criteria:	1
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	70 Km/h
Number of monitored vehicles:	39227
Number of speed offences:	1737
Tickets issued to Alberta registered vehicles:	1357
Tickets issued to vehicles registered outside Alberta:	59
Average speed of all monitored vehicles:	69 Km/h
Average speed for all ticketed vehicles:	88 Km/h

Traffic Safety Plan prepared for Municipality of Coaldale 2022

Site number:	95
Site location:	16 th Street 2200 Block
Direction of travel:	Northbound/Southbound
Site criteria:	5
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	30 Km/h
Number of monitored vehicles:	26
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	30 Km/h
Average speed for all ticketed vehicles:	N/A

Site number:	26
Site location:	8 St 20 Av to 845
Direction of travel:	Northbound/Southbound
Site criteria:	1 & 4
Traffic enforcement technology utilized:	Mobile. Robot MultaRadar
Posted speed limit:	50 Km/h
Number of monitored vehicles:	27
Number of speed offences:	0
Tickets issued to Alberta registered vehicles:	0
Tickets issued to vehicles registered outside Alberta:	0
Average speed of all monitored vehicles:	42 Km/h
Average speed for all ticketed vehicles:	N/A