

2024

Automated Traffic

Enforcement Report

Summary

During 2024 the Town of Coaldale saw a decrease of 3% in monitored traffic volume. There was a decrease in total violation of 9% and decrease of 6% in the proportion of speeders to traffic volume. *(Traffic Safety outcome as per section D of the Automated Enforcement Guidelines)*

Our on-going evaluation of the ATE program focusses on the following:

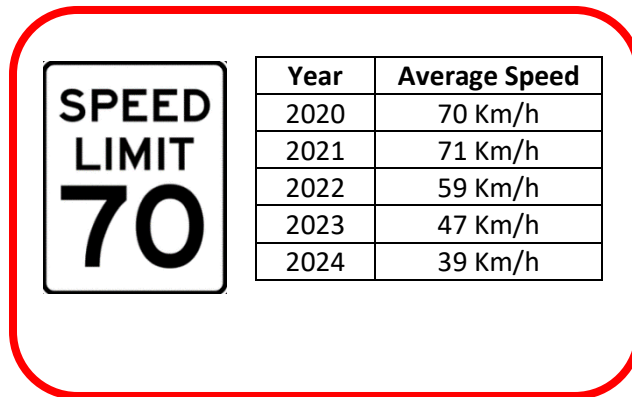
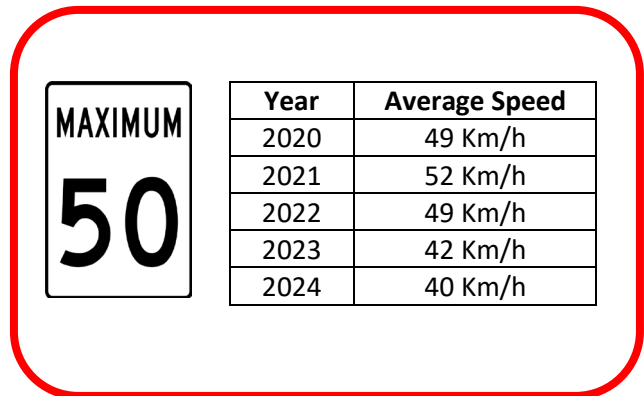
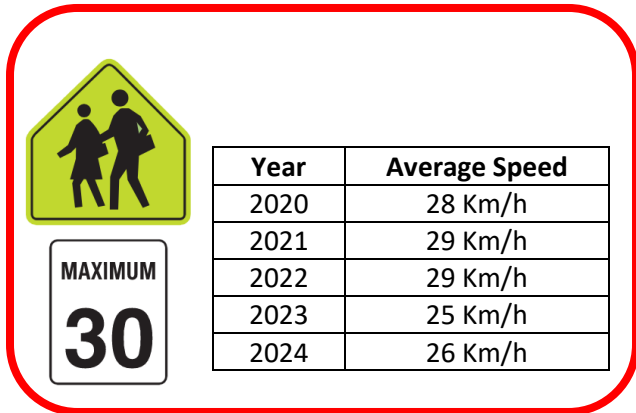
Research: Using traffic analyzer and traffic studies to determine if there is a problem or if it is merely the perception of a problem.

Education: Community outreach and education to improve compliance and safety. This is done through various methods including social media, traditional media, community presentations and engagements and officer contact.

Engineering: All new subdivision planning undergoes a traffic calming review to better design roadways for safety and the enjoyment of the community. "Problem" roadways are reviewed for engineering changes to improve safety and gain compliance, e.g., additional marked pedestrian crosswalks, re-engineered turn lanes on highways 3 and 845.

Enforcement: Enforcement is the last component in the Traffic Calming Plan. Targeted Enforcement blitzes are planned in conjunction with Traffic Calming initiatives, advertised and high profile to obtain the best "bang for the buck".

Average Speed of Monitored Vehicles



Note: Average speeds at monitored sites dropped again in 2024 over 2023. (*Traffic Safety outcome as per section D of the Automated Enforcement Guidelines*)

Average Speed of Offending Vehicles



Year	Average Speed
2020	42 Km/h
2021	46 Km/h
2022	45 Km/h
2023	44 Km/h
2024	44 Km/h



Year	Average Speed
2020	68 Km/h
2021	67 Km/h
2022	68 Km/h
2023	70 Km/h
2024	70 Km/h



Year	Average Speed
2020	88 Km/h
2021	89 Km/h
2022	89 Km/h
2023	89 Km/h
2024	89 Km/h

Note: The average speed of offenders remains relatively unchanged but the percentage of violations to traffic volume dropped from 5.48% to 5.15% (*Traffic Safety outcome as per section D of the Automated Enforcement Guidelines*)

Statistics by Location Monitored in 2024

Site ID [e.g. "247"]	Location Description [e.g. Segment length or Intersection type]	Speed Limit (km/h) [e.g. "80"]	Deployment Hours [e.g. "34"]	Number of Vehicles Monitored [e.g. "25,000"]	Average Traffic Speed - All Vehicles (km/h) [e.g. "75"]	Total Number of Speeding Contraventions [e.g. "12,00"]	Total Number of Speed Notices Issued [e.g. "1000"]
26	8 St - Hwy 3 to 20 Av	50					
27	Hwy 3 from 800-1200 Blk	70	122.77	42079	36.96	1909	1588
88	20 St 2000-2100 Blk	30	121.92	16358	26.61	766	672
92	11 St 2100-2300 Blk	30	10.07	352	25.98	6	6
93	13 St 2000-2200 Blk	30	9.66	281	25.04	7	6
95	16 St 2200-2300 Blk	30					
99	21 St 2100-2200 Blk	30					
100	22 Ave 1100 Blk	30					
101	22 Ave 1200-1500 Blk	30	1.92	46	25.96	0	
103	23 Ave 1300-1600 Blk	30	0.87	18	27	0	
104	23 Ave 2000-2200 Blk	30	26.99	1142	27.56	52	47
105	24 St 2100-2200 Blk	30					
107	Hwy #3 1700-1900 Blks	50	112.73	38586	39.33	1837	1541
125	20 St 2100-2300 Blks	50	0.98	129	39	1	1
130	20 St 1400-1600 Blks	50	10.71	1092	45.32	19	16
280	Hwy #3 2200-3000	70	47.96	21115	41.81	589	529
644	Hwy 845 2400-3000 Blks	50	144.79	16268	37.01	1895	1644
Totals			611.37	137466		7081	6050
							Excludes Out of Province

Fine Revenues – Disbursements

2024 Total violation ticket issued (Including out of Province)	6474
2024 Average violation ticket fine amount	\$ 164.44
2024 Gross Revenue	\$ 1,064,584.66
2024 Victim Fine Surcharge 20%	\$ 212,916.91
2024 Province of Alberta 40%	\$ 340,667.10
2024 Anticipated un-collectables 20%	\$ 102,200.13
2024 Anticipated revenue to Town	<u>\$ 408,800.52</u>

Note: Revenues are based solely on tickets issued during the calendar year 2024. Revenue may vary based on when fines are received from the Province and may not be within the calendar year of issue.

2024 Fine revenues received by the Town (Not available at the time of this report)

\$ xxx,xxx.xx

Note: Actual fine revenues received includes Automated Enforcement fine revenues and Traditional Enforcement Revenues. Breakdown of dollars returned from the Province to the Town is not broken down to highlight the different fine revenue streams.

2024 Expenditures

Cost to operate Bylaw Enforcement	\$ 417,960.00
Including Photo Radar equipment costs, backend software & vehicle Maintenance.	\$ 61,800.00

Traffic Safety Enhancements

Line Painting \$ 13,000.00

- Crosswalks - White - Zebra style - 35
- Crosswalks w/Stop bar - White - Zebra style - 33
- Stop bars - White - 7
- Center Line - Yellow - 4278 m
- Street Arrow Markings - White - 13
- Lane Lines - White - 243 m
- Shoulder Line - White - 775 m

Signs

\$ 10,000.00

- Changed intersection, installed 4 way stop signs at 17th street and 22nd avenue
- Changed Intersection, installed 2 way stop signs at 17th street and 23rd avenue
- Cottonwood Drive traffic calming installed
- Relocated stop sign at 2050 30a avenue for visibility issues
- Installed 14 30km/h speed bump signs (WA-7)
- Changed 18th avenue to "No Parking" for traffic safety
- 2 new crosswalks, Land O' Lakes Drive and Parkside, line painting and signs
- Replaced approximately a dozen faded traffic signs

#3/845 Land O' Lakes Dr (Pedestrian Crossing)

\$ 1,400,000.00

This was a complex redesign of the crossing of Highway #3 and of the CPKC track lines providing safe access for pedestrians to the newly opened Prairie Winds High School and the Shift Recreation Centre

Community Grants

Community investment grants from ATE revenues

\$ 35,000.00

Fine Revenues minus Expenditures

Total Fine Revenues (Not available at the time of this report)

\$ xxx.xxx.xx

Operating Costs

\$ 417,960.00

Traffic Safety and Improvements

\$ 1,458,000.00

Performance Indicators - Automated Enforcement Guidelines**ATE Enforcement**

Year	Total Vehicles Monitored	Total Violations	Alberta Violations Issued	Out of Province Issued
2020	119785	4574	3038	350
2021	139642	7814	5937	535
2022	161438	7326	5879	239
2023	142580	7817	6693	250
2024	137741	7090	6058	424

Total Collisions

Five Year Summary	2020	2021	2022	2023	2024
Fatal Collisions	0	0	0	0	1
Injury Collisions	1	12	0	11	15
Property Damage	59	56	87	80	63
Total Collisions	60	68	87	91	79

In 2024 1 fatal accident occurred at the intersection of Cottonwood Drive and highway 845, a cyclist entered #845 from Cottonwood Dr, into the path of an oncoming vehicle with the right of way on #845.

15 injury accidents occurred, (5 due to careless driving, 8 failing to proceed in safety from a stop or yield, and 2 follow to close)

The remaining property damage collisions were for similar reasons, 3 collision reported speed as a contributing factor.

Total Collisions were down over 2023.