



## **CITY OF KIRKLAND**

### **Police Department**

**11750 NE 118<sup>th</sup> Street, Kirkland, WA 98034-7114 425.587.3400**

**[www.kirklandwa.gov](http://www.kirklandwa.gov)**

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## **MEMORANDUM**

**To:** Kurt Triplett, City Manager

**From:** Cherie Harris, Chief of Police  
Todd Akسدal, Deputy Chief of Police  
Veronica Hill, Senior Financial Analyst

**Date:** February 17, 2022

**Subject:** AUTOMATED SAFETY CAMERA PROGRAM UPDATE 2021

### **Recommendation:**

City Council receives an update on the implementation of the Automated Safety Camera Program.

### **Background:**

The last School Safety Zone Camera program update covered September 1, 2021 – September 30, 2021.

The following is a report on the School Safety Zone Camera program from January 1, 2021 – December 31, 2021.

### **January 1, 2021 – December 31, 2021:**

During the first quarter, Rose Hill Elementary and John Muir Elementary schools were open for in person learning four days per week. Kamiakin Middle School did not return to in person learning until after the first quarter of 2021.

During the second quarter, both Rose Hill Elementary and John Muir Elementary schools remained open for in person learning four days per week. Kamiakin Middle School returned to in person learning for four days per week starting on April 19<sup>th</sup>, 2021.

During the third and fourth quarters, Rose Hill Elementary, John Muir Elementary and Kamiakin Middle School all remained open for in person learning for five days per week.

Between January 1, 2021 – December 31, 2021, 13,846 total citations were issued, using the four cameras in both school zones. There were 134 school days during this time frame., which means that approximately 103.33 citations were issued per day.

As the charts below depict, southbound 132<sup>nd</sup> Ave NE was consistently the busiest camera of the four in 2021:

Location	Number of Citations Issued Q1
NB 132 <sup>nd</sup> Ave NE	795
SB 132 <sup>nd</sup> Ave NE	1,146
EB NE 80 <sup>th</sup> St	523
WB NE 80 <sup>th</sup> St	392
Location	Number of Citations Issued Q2
NB 132 <sup>nd</sup> Ave NE	1,244
SB 132 <sup>nd</sup> Ave NE	2,240
EB NE 80 <sup>th</sup> St	577
WB NE 80 <sup>th</sup> St	323
Location	Number of Citations Issued Q3
NB 132 <sup>nd</sup> Ave NE	597
SB 132 <sup>nd</sup> Ave NE	1,058
EB NE 80 <sup>th</sup> St	322
WB NE 80 <sup>th</sup> St	287
Location	Number of Citations Issued Q4
NB 132 <sup>nd</sup> Ave NE	1,068
SB 132 <sup>nd</sup> Ave NE	2,240
EB NE 80 <sup>th</sup> St	595
WB NE 80 <sup>th</sup> St	439
Location	Number of Citations Issued 2021 Total
NB 132 <sup>nd</sup> Ave NE	3,704
SB 132 <sup>nd</sup> Ave NE	6,684
EB NE 80 <sup>th</sup> St	2,017
WB NE 80 <sup>th</sup> St	1,441

**Citation Data:**

The following bullets are provided to further describe the type of citations that were issued between January 1, 2021 – December 31, 2021:

- 9,970 citations (72%) were issued to drivers traveling between 26-30 mph and were issued \$136 fines
- 3,866 citations (28%) were issued to drivers traveling 31 mph and faster and were issued \$250 fines
  - **51 mph** is the fastest speed that was recorded during 2021.
- The average citations issued per zone, per day in 2021 was 25.83. The average citations issued per zone per day dropped from 35.58 per day in February 2021 to 19.19 per day in December 2021.
  - October 2019: 35.57 average citations per zone per day
  - November 2019: 29.93
  - December 2019: 24.85

- January 2020: 18.63
  - February 2020: 22.90
  - March 2020: 23.47
  - February 2021: 35.58
  - March 2021: 29.44
  - April 2021: 27.46
  - May 2021: 30.28
  - June 2021: 27.21
  - September 2021: 26.95
  - October 2021: 23.15
  - November 2021: 19.63
  - December 2021: 19.19
- Those vehicles registered to a 98033 or 98034 zip code accounted for 28.3% of the issued citations in 2021.
    - The city outside of Kirkland with the most citations issued was Woodinville which accounted for 12.5% of the total issued citations year to date.
  - Recidivism Rate for 2021:
    - 88.8% one citation
    - 8.3% two citations
    - 2.9% have received three or more citations
  - In 2021, afternoon school zone enforcement accounted for 65.7% of the citations issued, with the morning hours accounting for 34.3% of the citations issued. As mentioned above, school schedules fluctuated during 2021 as the schools transitioned back to in person learning.

**2021 School Zone Collision Data:**

Location	Collisions in School Zone
12600 – 13100 Blk NE 80 <sup>th</sup> ST	1
13900 – 14200 Blk 132 <sup>nd</sup> Ave Ne	0

**Mitigations and Hearings:**

As of January 12, 2021, 1,026 people receiving citations in 2021 have requested mitigation hearings (7.4% of total) and 681 people have requested contested hearings (4.9% of total). In addition to the hearing requests, 750 people receiving citations have submitted affidavits stating that they were not the driver of the vehicle (5.4% of total citations). 518 citations were dismissed when affidavits were submitted stating that the registered owner was not the driver (3.7% of all citations). Liability was transferred in the remaining 232 instances where the registered owner asserted that they were not the driver (1.7% of all citations).

The court's website offers customers the ability to electronically submit a written statement and any attachments for the consideration by the Judge or they can still file by mail or drop-box. Contested and Mitigation hearings are currently occurring on Mondays and Tuesdays.

**Expenditures through the end Q4 2021\*:**

Expenditures	2019	2020	Oct-21	Nov-21	Dec-21	2021	TOTAL
Construction	\$ 27,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,319
ATS Contract	\$ 26,871	\$ 17,579	\$ 17,000	\$ 17,000	\$ 17,000	\$ 176,679	\$ 221,129
Utilities	\$ 560	\$ 420	\$ 140	\$ 140	\$ 140	\$ 1,466	\$ 2,446
Police Staffing	\$ 50,284	\$ 166,864	\$ 13,686	\$ 14,616	\$ 13,728	\$ 170,585	\$ 387,733
Court Staffing	\$ 19,308	\$ 60,611	\$ 5,598	\$ 5,822	\$ 6,591	\$ 70,320	\$ 150,239
<b>Total</b>	<b>\$ 124,342</b>	<b>\$ 245,474</b>	<b>\$ 36,424</b>	<b>\$ 37,577</b>	<b>\$ 37,459</b>	<b>\$ 419,051</b>	<b>\$ 788,866</b>

*\*Costs continue to be updated with actual expenses as they are incurred, which is why expenditures from prior months may differ from memo to memo.*

*Construction costs:*

- No additional construction costs beyond the initial set-up costs are anticipated.

*Ongoing costs:*

- Costs for monitoring of the cameras resumed in February 2021 (prorated).
- Utility costs allocated from February 2021 (prorated).

*Police staffing costs:*

- Sustainment staffing costs for 1 FTE Traffic Officer.

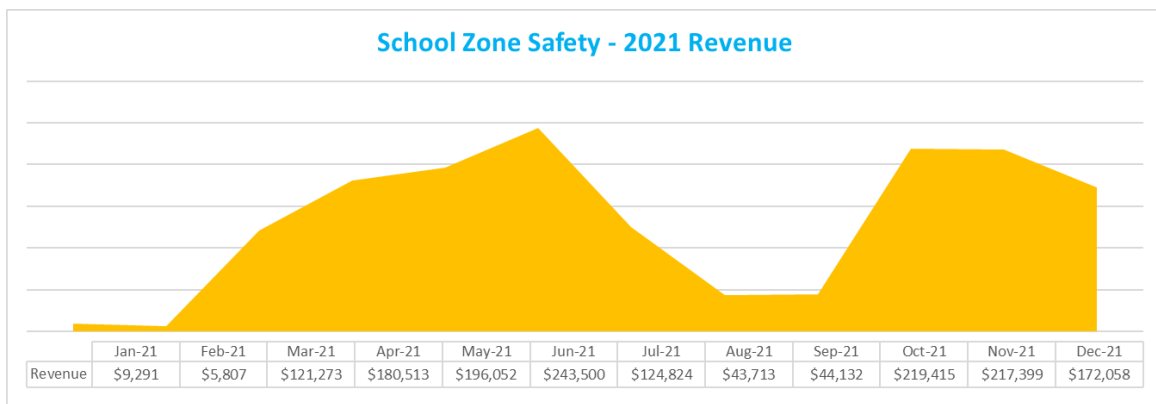
*Court staffing costs:*

- Sustainment staffing costs for .75 FTE JSA II.
- Professional services charges for court commissioner.

**Revenues:**

Revenues	2019	2020	Oct-21	Nov-21	Dec-21	2021	TOTAL
Citations	\$ 400,883	\$ 732,749	\$ 219,415	\$ 217,399	\$ 172,058	\$ 1,577,980	\$ 2,711,611

The City has generated \$2,711,611 in school zone safety citation revenues from the program’s inception through 12/31/2021. Revenue collection continues during months when the cameras are inactive. The average monthly collection for this quarter was \$202,958.



**Cash Flow Analysis:**

	2019	2020	Oct-21	Nov-21	Dec-21	2021
<b>Expenditures</b>						
Construction	\$ 27,319	\$ -				\$ -
ATS Contract	\$ 26,871	\$ 17,579	\$ 17,000	\$ 17,000	\$ 17,000	\$ 176,679
Utilities	\$ 560	\$ 420	\$ 140	\$ 140	\$ 140	\$ 1,466
Police Staffing	\$ 50,284	\$ 166,864	\$ 13,686	\$ 14,616	\$ 13,728	\$ 170,585
Court Staffing	\$ 19,308	\$ 60,611	\$ 5,598	\$ 5,822	\$ 6,591	\$ 70,320
<b>Total Expenditures</b>	<b>\$ 124,342</b>	<b>\$ 245,474</b>	<b>\$ 36,424</b>	<b>\$ 37,577</b>	<b>\$ 37,459</b>	<b>\$ 419,051</b>
<b>Revenues</b>						
Citations	\$ 400,883	\$ 732,749	\$ 219,415	\$ 217,399	\$ 172,058	\$ 1,577,980
<b>Total Revenues</b>	<b>\$ 400,883</b>	<b>\$ 732,749</b>	<b>\$ 219,415</b>	<b>\$ 217,399</b>	<b>\$ 172,058</b>	<b>\$ 1,577,980</b>
<b>Council Appropriations</b>						
Re-appropriations			\$ 135,469	\$ -	\$ -	\$ 335,469
Balance	\$ 276,541	\$ 487,275	\$ 47,522	\$ 179,822	\$ 134,600	
<b>LTD Balance</b>	<b>\$ 276,541</b>	<b>\$ 763,816</b>	<b>\$ 1,272,855</b>	<b>\$ 1,452,677</b>	<b>\$ 1,587,276</b>	<b>\$ 1,587,276</b>

Included in this quarter is a Council approved re-appropriation of \$135,469, in support of other school zone safety projects.

The program balance as of 12/31/2021 is \$1,587,276.

<b>CHANGE IN PROGRAM BALANCE</b>	
Beg. Program Balance - April 1, 2020	\$ 760,665
Add: Revenue Apr. '20-Dec. '21	\$ 1,769,966
Less: Operational Costs Apr. '20-Dec. '21	\$ (607,885)
Less: Re-Appropriations Apr. '20-Dec. '21	\$ (335,469)
<b>Ending Program Balance - December 31, 2021</b>	<b>\$ 1,587,276</b>

Staff will be providing the Council options to invest the revenues beyond operating expenses into pedestrian and bicycle safety projects during the 2023-2024 budget and CIP development process in 2022.

**Next Steps:**

The next school zone safety camera program update will be reported for the 1<sup>st</sup> Quarter of 2022 after March 31, 2022. Transportation Engineers have conducted traffic studies in additional City of Kirkland school zones. City staff from multiple departments are working collaboratively to expand the Automated Safety Camera program.