



**CITY OF KIRKLAND**  
**Police Department**  
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**MEMORANDUM**

**To:** Kurt Triplett, City Manager

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

**Date:** September 7, 2023

**Subject:** 2023 Second Quarter Automated Safety Camera Program Update

**RECOMMENDATION:**

City Council receives and update on the Automated Safety Camera Program

**BACKGROUND DISCUSSION:**

The last Automated Safety Camera Program update was from January 1, 2023-March 31, 2023.

The following is a report on the Automated Safety Camera Program from April 1, 2023-June 30, 2023.

**April 1, 2023-June 30, 2023:**

During this time frame, all schools were open for in-person learning for five days per week.

Between April 1, 2023-June 30, 2023, 3,227 citations were issued, using the four cameras in the John Muir, Kamiakin and Rose Hill school zones. There were fifty-one school days during this time frame, which means that approximately 63.27 citations were issued per day.

Location	Number of Citations Issued Q2 2023
NB 132 <sup>nd</sup> Ave NE	722
SB 132 <sup>nd</sup> Ave NE	1,722
EB NE 80 <sup>th</sup> St	461
WB NE 80 <sup>th</sup> St	322

**April 17, 2023-June 30, 2023:**

The Automated Traffic Safety Cameras covering Lakeview, Carl Sandburg, Finn Hill, and Henry David Thoreau were activated during Q1 in March 2023. However, the system did not begin issuing citations at this location until Q2 on April 17, 2023, following a 30-day warning period.

Between April 17-June 30, 2023, 4538 citations were issued, using the four cameras covering the Lakeview, Carl Sandburg, Finn Hill, and Henry David Thoreau school zones. There were forty-six school days during this time frame, which means that approximately 98.65 citations were issued per day by the new cameras.

As the cart below depicts, southbound State St was the busiest camera of the eight during the second quarter of 2023.

Location	Number of Citations Issued Q2 2023
SB State St	2,493
WB Lakeview Dr	701
NB 84 <sup>th</sup> Ave Ne	486
SB 84 <sup>th</sup> Ave Ne	858

**Citation Data:**

The following bullet points further describe the type of citations that were issued between April 1, 2023-June 30, 2023.

- 5,444 citations (70%) were issued to drivers traveling between 26-30 mph and were issued \$136 fines
- 2,321 citations (30%) were issued to drivers traveling 31 mph and faster and were issued \$250 fines
  - **49 mph** is the fastest speed recorded in a school zone during the second quarter. That violation occurred on SB 84<sup>th</sup> Ave NE
- The average citations issued by each of the four cameras, per school day in the John Muir, Kamiakin and Rose Hill school zones in the second quarter of 2023 was 15.81.
  - January 2022: 16.43 average citations per camera per day
  - February 2022: 13.93
  - March 2022: 14.51
  - April 2022: 17.94
  - May 2022: 16.79
  - June 2022: 18.21
  - September 2022: 23.42
  - October 2022: 19.20
  - November 2022: 16.79
  - December 2022: 14.33
  - January 2023: 15.26
  - February 2023: 14.04
  - March 2023: 14.31
  - April 2023: 14.70
  - May 2023: 15.70
  - June 2023: 17.01

- The average citations issued by each of the four cameras per school day in the Lakeview, Carl Sandburg, Finn Hill, and Henry David Thoreau school zones in the second quarter of 2023 was 23.57
  - April\*                    2023                    16.57 average citations per camera per day
  - May                        2023:                    25.65
  - June                        2023:                    28.48

*\*Cameras enforcement began on April 17, 2023, and citations were issued for 10 days that month.*

- Vehicles registered to a 98033 or 98034 zip code accounted for 38.51% of the issued citations in the second quarter of 2023.
  - The city outside of Kirkland with the most citations issued was Redmond, which accounted for 5.4% of the total issued citations in the second quarter of 2023.
- Recidivism Rate for Second Quarter of 2023:
  - 90.6% received one citation
  - 7.1% received two citations
  - 2.3% received three or more citations
- During the second quarter of 2023, afternoon school zone enforcement accounted for 56.3% of the citations issued, with the morning hours accounting for 43.7% of the citations issued.

All of the new locations have flashing beacons and signage to warn drivers of the automated photo enforcement. Drivers on 84<sup>th</sup> AVE NE who enter the school zone in the middle of the street would not be captured by the automated photo enforcement system. Violations only occur as a vehicle enters the school zones on each end of 84<sup>th</sup> AVE NE. In addition, there are flashing beacons and signage warning drivers of the school zone speed limit and the automated photo enforcement system. Public Works also updated all of the signage in the area to clearly identify the start and end of the school zones, including several side streets.

Signage and flashing beacons are also prominent on SB State Street and WB Lake View Drive.

**Mitigations and Hearings:**

As of July 24, 2023, 281 people receiving citations in the second quarter of 2023 have requested mitigation hearings (3.6% of all citations) and 108 people have requested contested hearings (1.4% of all citations). In addition to the hearing requests, 177 people receiving citations submitted affidavits stating that they were not the driver of the vehicle (2.3% of all citations). 116 citations were dismissed when affidavits were submitted stating that the registered owner was not the driver (1.5% of all citations). Liability transferred in the remaining sixty-one instances where the registered owner asserted that they were not the driver (0.8% of all citations).

The court’s website offers customers the ability to electronically submit a written hearing statement and any attachments for consideration by the Judge or they can file by mail or drop-box.

## **Revenue & Expenditure Analysis through the end of Q2 2023:**

<b>Revenues</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>2023</b>	<b>LTD TOTAL</b>
Citations	\$ 400,883	\$ 732,749	\$ 1,577,980	\$ 1,645,897	\$ 127,613	\$ 216,656	\$ 382,445	\$ 1,171,467	\$ 5,528,976
<b>Expenditures</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>2023</b>	<b>LTD TOTAL</b>
Construction	\$ 27,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,319
ATS Contract	\$ 26,871	\$ 17,579	\$ 176,679	\$ 170,000	\$ 34,000	\$ 34,000	\$ 34,000	\$ 163,419	\$ 554,548
Utilities/Other	\$ 560	\$ 420	\$ 1,468	\$ 1,000	\$ 83	\$ 83	\$ 83	\$ 498	\$ 3,946
Police Staffing	\$ 50,284	\$ 166,864	\$ 167,452	\$ 341,722	\$ 28,536	\$ 28,536	\$ 44,538	\$ 178,235	\$ 904,556
Court Staffing	\$ 19,308	\$ 48,280	\$ 70,320	\$ 112,987	\$ 20,868	\$ 21,004	\$ 34,773	\$ 128,568	\$ 379,463
<i>Total</i>	\$ 124,342	\$ 233,143	\$ 415,919	\$ 625,709	\$ 83,487	\$ 83,623	\$ 113,394	\$ 470,720	\$ 1,869,832
<b>Council Re-Approp./Other</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>2023</b>	<b>LTD TOTAL</b>
Re-Appropriation	\$ -	\$ 123,157	\$ 335,000	\$ 20,000	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 1,978,157
Other Resources/Cost Offsets	\$ (27,879)	\$ (417)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (28,296)
<i>Total</i>	\$ (27,879)	\$ 122,740	\$ 335,000	\$ 20,000	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 1,949,861
<b>Balance</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>2023</b>	<b>LTD TOTAL</b>
YTD/MTD	\$ 304,420	\$ 376,866	\$ 827,061	\$ 1,000,188	\$ 44,126	\$ 133,033	\$ (1,230,949)	\$ (799,253)	\$ 1,709,283
Ending Balance	\$ 304,420	\$ 681,286	\$ 1,508,347	\$ 2,508,536	\$ 2,807,199	\$ 2,940,232	\$ 1,709,283	\$ 1,709,283	

The ending cash balance as of June 30, 2023, is \$1,709,283.

### **Expenditures\*:**

\*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.

#### *Constructions costs:*

- Construction cost covered by REET funds.
- cost for new cameras included in the RE-Appropriation line item.

#### *Ongoing costs:*

- ATS Contract – Costs for monitoring of cameras.
- Utilities/Other – Costs for electricity to operate the cameras.

#### *Police Staffing costs:*

- Sustainment staffing for 2 FTE Traffic Officers.

#### *Court staffing costs:*

- Sustainment staffing costs for 1.0 FTE JSA Lead.
- Sustainment staffing costs for 1.50 FTE JSA II.
- Professional services charges for court commissioner.

### **Revenues:**

The Program has generated \$5,528,976 in total revenues through 06/30/2023. All revenues will either pay for operating costs of the camera and staffing costs of court and police personnel or be invested in school zone pedestrian and bicycle safety projects as required by the ordinance authorizing the cameras.

### **Next Steps:**

Automated Safety Cameras were inactive during July and August. The City's communication team conducted significant outreach as the cameras were re-activated this week. The next update to Council will cover the third quarter of 2023.