



CITY OF KIRKLAND
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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: November 21, 2023
Subject: 2023 Third Quarter Automated Safety Camera Program Update

RECOMMENDATION:

City Council receives an update on the Automated Safety Camera Program

BACKGROUND DISCUSSION:

The last Automated Safety Camera Program update was from April 1, 2023-June 30, 2023.

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

September 1, 2023-September 30, 2023:

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

Between September 1, 2023-September 30, 2023 (Q3 2023), 3,863 citations were issued, using the eight cameras in the John Muir, Kamiakin, Rose Hill, Lakeview, Carl Sandburg, Finn Hill, and Henry David Thoreau school zones. There were nineteen school days during this period, which means that approximately 203.32 citations were issued per day. This is a significant increase in the number of citations issued per day during Q3 2023 (September 1, 2023-September 30, 2023). Citations issued per day in the John Muir, Kamiakin and Rose Hill school zones was 63.27 in Q3 2023 (September 1, 2023-September 30, 2023). Citations issued per day in the Lakeview, Carl Sandburg, Finn Hill, and Henry David Thoreau school zones was 98.65 in Q3 of 2023. September 2023 is the first month where all eight cameras were active for the entire month.

Location	Number of Citations Issued Q3 2023
NB 132 nd Ave NE	356
SB 132 nd Ave NE	955

EB NE 80 th St	209
WB NE 80 th St	161
SB State St	983
WB Lakeview Dr	194*
NB 84 th Ave Ne	256
SB 84 th Ave Ne	749

*In early September, an employee from Verra Mobility advised City of Kirkland Public Works Staff that there was a tree branch blocking the camera view of the flashing beacon on WB Lakeview Dr. Verra Mobility and Kirkland Police Officers rejected violations until Public Works trimmed the branch. It is expected that the number of violations on WB Lakeview Dr will increase during Q3.

Citation Data:

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

- 2,644 citations (68.44%) were issued to drivers traveling between 26-30 mph and were issued \$136 fines
- 1,219 citations (31.56%) were issued to drivers traveling 31 mph and faster and were issued \$250 fines
 - o **51 mph** is the fastest speed recorded in a school zone during the third quarter. That violation occurred on NB 132nd Ave NE
- The average daily citations per day per camera issued in the John Muir, Kamiakin and Rose Hill school zones were reported separately from the average daily citations per day per camera issued in the Lakeview, Carl Sandburg, Finn Hill, and Henry David Thoreau school zones in the second quarter of 2023 because of a warning period for the new cameras.

Starting with this report, the average daily citations per day per camera for all zones will be reported together.

- 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
 - September 2023: 25.42
- Vehicles registered to a 98033 or 98034 zip code accounted for 38.03% of the issued citations in the third quarter of 2023.
 - The city outside of Kirkland with the most citations issued was Redmond, which accounted for 5.95% of the total issued citations in the third quarter of 2023.
 - Recidivism Rate for Third Quarter of 2023:
 - 89.7% received one citation
 - 7.05% received two citations
 - 3.25% received three or more citations
 - During the third quarter of 2023, afternoon school zone enforcement accounted for 57.49% of the citations issued, with the morning hours accounting for 42.51%.

Mitigations and Hearings:

As of October 12, 2023, 443 people receiving citations in the third quarter of 2023 have requested mitigation hearings (11.47% of all citations) and 214 people have requested contested hearings (5.54% of all citations). In addition to the hearing requests, 187 people receiving citations submitted affidavits stating that they were not the driver of the vehicle (4.84% of all citations). 114 citations were dismissed when affidavits were submitted stating that the registered owner was not the driver (2.95% of all citations). Liability transferred in the remaining seventy-three instances where the registered owner asserted that they were not the driver (1.89% of all citations).

The court’s website offers 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.

Expenditures through the end Q3 2023:

Revenues	2019	2020	2021	2022	Jul-23	Aug-23	Sep-23	2023	LTD TOTAL
Citations	\$ 400,883	\$ 732,749	\$ 1,577,980	\$ 1,645,897	\$ 287,070	\$ 105,772	\$ 96,749	\$ 1,661,059	\$ 6,018,567
Expenditures	2019	2020	2021	2022	Jul-23	Aug-23	Sep-23	2023	LTD TOTAL
Construction	\$ 27,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,319
ATS Contract	\$ 26,871	\$ 17,579	\$ 176,679	\$ 170,000	\$ -	\$ 34,000	\$ 34,000	\$ 231,419	\$ 622,548
Utilities/Other	\$ 560	\$ 420	\$ 1,468	\$ 1,000	\$ 83	\$ 83	\$ 83	\$ 747	\$ 4,195
Police Staffing	\$ 50,284	\$ 166,864	\$ 167,452	\$ 341,722	\$ 34,983	\$ 46,874	\$ 45,502	\$ 292,076	\$ 1,018,397
Court Staffing	\$ 19,308	\$ 48,280	\$ 70,320	\$ 112,987	\$ 17,746	\$ 20,223	\$ 26,197	\$ 167,668	\$ 418,563
Total	\$ 124,342	\$ 233,143	\$ 415,919	\$ 625,709	\$ 52,811	\$ 101,180	\$ 105,782	\$ 691,910	\$ 2,091,022
Council Re-Approp./Other	2019	2020	2021	2022	Jul-23	Aug-23	Sep-23	2023	LTD TOTAL
Re-Appropriation	\$ -	\$ 123,157	\$ 335,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,978,157
Other Resources/Cost Offset	\$ (27,879)	\$ (417)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (28,296)
Total	\$ (27,879)	\$ 122,740	\$ 335,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,949,861
Balance	2019	2020	2021	2022	Jul-23	Aug-23	Sep-23	2023	LTD TOTAL
YTD/MTD	\$ 304,420	\$ 376,866	\$ 827,061	\$ 1,000,188	\$ 234,258	\$ 4,592	\$ (9,033)	\$ (530,851)	\$ 1,977,684
Ending Balance	\$ 304,420	\$ 681,286	\$ 1,508,347	\$ 2,508,536	\$ 1,982,125	\$ 1,986,717	\$ 1,977,684	\$ 1,977,684	

The ending cash balance as of 09/30/2023 is \$1,977,684.

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.*

Construction costs:

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

Ongoing costs:

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

Police staffing costs:

- Sustainment staffing costs 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 \$6,018,567 in total revenues through 09/30/2023. 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:

The next update to Council will cover the fourth quarter of 2023.