

CITY OF KIRKLAND
Police Department
11750 NE 118th Street, Kirkland, WA 98034-7114 425.587.3400
www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

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

Date: November 28, 2022

Subject: AUTOMATED SAFETY CAMERA PROGRAM

Recommendation:

Council receives an update on the Automated Safety Camera Program for the third quarter of 2022.

Background:

The last Automated Safety Camera Program update covered the time period from April 1 - June 30, 2022.

The current school year started on September 6, 2022. The following is a report on the School Safety Zone Camera program from September 6 - September 30, 2022 (the only portion of the school year in the third Quarter).

September 6 - September 30, 2022:

During this timeframe, Kamiakin Middle School, Rose Hill Elementary School and John Muir Elementary School continued with a five day per week in-person school schedule. Between September 6 – September 30, 2022, 1,780 total citations were issued, using the four cameras in both school zones. There were 19 school days within this time frame, which means that approximately 93.68 citations were issued per day. In September 2021, approximately 107.81 citations were issued each day when the cameras were re-activated at the beginning of the 2021 school year.

As the chart below depicts, southbound 132nd Ave NE continues to be the busiest camera of the four:

Location	Number of Citations Issued
NB 132 nd Ave NE	426
SB 132 nd Ave NE	914
EB NE 80 th St	237

WB NE 80 th St	203
---------------------------	-----

Citation Data:

The following bullets are provided to further describe the type of citations that were issued between September 6 - September 30, 2022:

- 1,281 citations (72%) were issued to drivers traveling between 26-30 mph and were issued \$136 fines
- 499 citations (28%) were issued to drivers traveling 31 mph and faster and were issued \$250 fines
 - **49 MPH** was the fastest speed that was recorded during the third quarter.
- The average citations issued by each of the four cameras per day in the second quarter of 2022 was 17.65. The average citations issued by each of the four cameras per day in the third quarter of 2022 increased to 23.42 when the cameras were re-activated for the new school year but was lower than the September 2021 average of 26.95.

○ October	2019:	35.57 average citations per camera 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
○ January	2022:	16.43
○ February	2022:	13.93
○ March	2022:	14.51
○ April	2022:	17.94
○ May	2022:	16.79
○ June	2022:	18.21
○ September	2022:	23.42
- Those vehicles registered to a Kirkland zip code of 98033 or 98034 accounted for 24.9% of the citations issued in the third quarter of 2022.
 - The city outside of Kirkland with the most citations issued was Redmond which accounted for 9.4% of the total issued citations in the third quarter of 2022.

- Recidivism Rate Third Quarter of 2022:
 - 92.6% one citation
 - 5.4% two citations
 - 2.0% received three or more citations

Recidivism Rate Second Quarter of 2022:

- 93.9% one citation
 - 5.2% two citations
 - 0.9% received three or more citations
- During the third quarter of 2022, afternoon school zone enforcement accounted for 63.2% of the citations issued, with the morning hours accounting for 36.8% of the citations issued. During this reporting period, the cameras were active during the following hours on Mondays, Tuesday, Thursdays, and Fridays:
 - Rose Hill Elementary:
 - 8:20AM–9:20AM before school
 - 2:50PM–3:50PM after school.
 - John Muir Elementary / Kamiakin Middle School:
 - 8:05AM-9:50AM before school
 - 2:35PM-4:20PM after school.
 - All three schools have early dismissal on Wednesdays. During this reporting period, the cameras were active during the following hours on Wednesdays:
 - Rose Hill Elementary:
 - 8:20AM–9:20AM before school
 - 1:20PM–2:20PM after school.
 - John Muir Elementary / Kamiakin Middle School:
 - 8:05AM-9:50AM before school
 - 1:05PM-2:50PM after school.

Mitigations and Hearings:

As of October 3, 2022, 215 people receiving citations in the third quarter of 2022 have requested mitigation hearings (12.1% of total) and 64 have requested contested hearings (3.5% of total). In addition to the hearing requests, 63 people receiving citations submitted affidavits stating that they were not the driver of the vehicle (3.4% of total). There were 21 citations dismissed when affidavits were submitted saying that the registered owner was not the driver (1.2% of total). Liability was transferred in the remaining 42 instances where the registered owner asserted that they were not the driver (2.4% of total).

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.

Expenditures through the end Q3 2022:

Cash Flow Analysis:

Revenues	2019	2020	2021	Jul-22	Aug-22	Sep-22	2022	LTD TOTAL
Citations	\$ 400,883	\$ 732,749	\$ 1,577,980	\$ 107,722	\$ 53,122	\$ 47,732	\$ 1,156,066	\$ 3,867,678
Expenditures	2019	2020	2021	Jul-22	Aug-22	Sep-22	2022	LTD TOTAL
Construction	\$ 27,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,319
ATS Contract	\$ 26,871	\$ 17,579	\$ 176,679	\$ 17,000	\$ 17,000	\$ 17,000	\$ 153,000	\$ 374,128
Utilities/Other	\$ 560	\$ 420	\$ 1,468	\$ 100	\$ 100	\$ 100	\$ 900	\$ 3,348
Police Staffing	\$ 50,284	\$ 166,864	\$ 167,452	\$ 33,107	\$ 29,264	\$ 30,969	\$ 277,345	\$ 661,945
Court Staffing	\$ 19,308	\$ 48,280	\$ 70,320	\$ 6,678	\$ 10,204	\$ 10,707	\$ 74,819	\$ 212,727
Total	\$ 124,342	\$ 233,143	\$ 415,919	\$ 56,885	\$ 56,568	\$ 58,776	\$ 506,064	\$ 1,279,467
Council Re-Approp./Other	2019	2020	2021	Jul-22	Aug-22	Sep-22	2022	LTD TOTAL
Re-Appropriation	\$ -	\$ 123,157	\$ 335,000	\$ -	\$ -	\$ -	\$ -	\$ 458,157
Other Resources/Cost Offset	\$ (27,879)	\$ (417)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (28,296)
Total	\$ (27,879)	\$ 122,740	\$ 335,000	\$ -	\$ -	\$ -	\$ -	\$ 429,861
Balance	2019	2020	2021	Jul-22	Aug-22	Sep-22	2022	LTD TOTAL
YTD/MTD	\$ 304,420	\$ 376,866	\$ 827,061	\$ 50,837	\$ (3,445)	\$ (11,044)	\$ 650,002	\$ 2,158,349
Ending Balance	\$ 304,420	\$ 681,286	\$ 1,508,347	\$ 2,172,839	\$ 2,169,394	\$ 2,158,349		

The ending cash balance as of 09/30/2022 is \$2,158,349. Staff has proposed options for Council consideration during the 2023-2024 budget process to invest nearly all of this balance into Safer Route to School Action Plan and Active Transportation Plan project implementation.

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.
- No additional construction costs were incurred.

Ongoing costs:

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

Police staffing costs:

- Sustainment staffing costs for 2 FTE Traffic Officers.

Court staffing costs:

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

Revenues:

The Program has generated \$3,867,678 in total revenues through 09/30/2022. All revenues will either pay for operating costs for the cameras, court, and police, or be invested in school pedestrian and bicycle safety projects as required by the ordinance authorizing the cameras.

Next Steps:

Staff are continuing to work towards expanding the Automated Safety Camera Program at Lakeview Elementary, and Finn Hill Middle School which covers Henry David Thoreau Elementary, Carl Sandburg Elementary and Finn Hill Middle School. The new Lakeview Elementary location includes one camera focused on westbound NE 68th Street, and another camera captures southbound on State Street near 7th Avenue South. The Lakeview Elementary school zone had the highest traffic volume and the highest percentage of vehicles traveling faster than 26 MPH, or about 33% of vehicles. The new Finn Hill school zone, has one camera on southbound 84th Avenue NE, and one is focused on northbound 84th Avenue NE. The posted speed limit along the entire 84th Avenue NE corridor on Finn Hill from NE 124th Street to Simonds Road has been lowered. The Cities of Kirkland and Kenmore permanently changed the speed limit on 84th Ave NE from 35 to 30 MPH, which became effective July 5, 2022.

The vendor has experienced delays in installing the new camera equipment due to supply chain issues. Their most recent updated "tentative" installation completion date is scheduled for November 30, 2022. The word "tentative" continues to be emphasized by the vendor due to the uncertainties of supply chain issues that impact the construction and installation of their equipment.

Based on the updated installation timeline, the new cameras will not go live until January 2023. Warnings will be issued for violations that occur in the new zones for the first 30 days after the cameras are activated. Due to school schedules and various holidays in January, Staff expect the automated safety camera system to begin issuing violations on February 7, 2023.

The next Automated Safety Camera Program update will be reported for the fourth quarter of 2022 after December 31, 2022.