



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: November 22, 2021

Subject: SAFETY CAMERA PROGRAM UPDATE – Q3 2021

Recommendation:

City Council receives an update on the implementation of the School Safety Zone Camera program.

Background:

The last School Safety Zone Camera program update covered April 1 - June 15, 2022.

The current school year started on September 1, 2021. The following is a report on the School Safety Zone Camera program from September 1 - September 30, 2021.

September 1 - September 30, 2021:

During this timeframe, Rose Hill Elementary, Kamiakin and John Muir Elementary schools resumed a five day per week in-person school schedule. Between September 1 – September 30, 2021, 2,264 total citations have been issued, using the four cameras in both school zones. There were 21 school days within this time frame, which means that approximately 107.81 citations were issued per day. In contrast, there were 38 school days in the second quarter (April 1 – June 15, 2021) and approximately 114.39 citations were issued each day. The average number of citations issued per day dropped by 6.58 between Q2 and Q3.

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	597
SB 132 nd Ave NE	1,058
EB NE 80 th St	322
WB NE 80 th St	287

Citation Data:

The following bullets are provided to further describe the type of citations that were issued between September 1 - September 30, 2021:

- 1,677 citations (74%) were issued to drivers traveling between 26-30 mph and were issued \$136 fines
- 587 citations (26%) were issued to drivers traveling 31 mph and faster and were issued \$250 fines
 - **51 mph** is the fastest speed that was recorded during the third quarter.
- The average citations issued per zone, per day in the second quarter (April - June) was 28.31. The average citations issued per zone per day in the third quarter (September) declined to 26.95.
 - 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**
- Those vehicles registered to a 98033 or 98034 zip code accounted for 28.7% of the issued citations year to date 2021.
 - The city outside of Kirkland with the most citations issued was Woodinville which accounted for 14.3% of the total issued citations year to date.
- Recidivism Rate Year to Date 2021:
 - 90.1% one citation
 - 7.8% two citations
 - 2.1% have received three of more citations
- Afternoon school zone enforcement accounted for 61.5% of the citations issued, with the morning hours accounting for 38.5% 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:

There were no court hearings scheduled for the month of September. The cameras were activated on September 1, 2021. Hearings for tickets that were issued in September will be scheduled for October.

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 occur on Mondays and Tuesdays.

Expenditures through the end Q3 2021*:

Expenditures	2019	2020	Jul-21	Aug-21	Sep-21	2021	TOTAL
Construction	\$ 27,319	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,319
ATS Contract	\$ 26,871	\$ 17,579	\$ 17,000	\$ 17,000	\$ 17,000	\$ 125,679	\$ 170,129
Utilities	\$ 560	\$ 420	\$ 140	\$ 140	\$ 140	\$ 1,046	\$ 2,026
Police Staffing	\$ 50,284	\$ 166,864	\$ 15,318	\$ 17,475	\$ 14,684	\$ 135,396	\$ 352,544
Court Staffing	\$ 19,308	\$ 60,611	\$ 6,733	\$ 7,423	\$ 2,542	\$ 58,934	\$ 138,853
<i>Total</i>	<i>\$ 124,342</i>	<i>\$ 245,474</i>	<i>\$ 39,191</i>	<i>\$ 42,038</i>	<i>\$ 34,366</i>	<i>\$ 321,055</i>	<i>\$ 690,871</i>

**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.

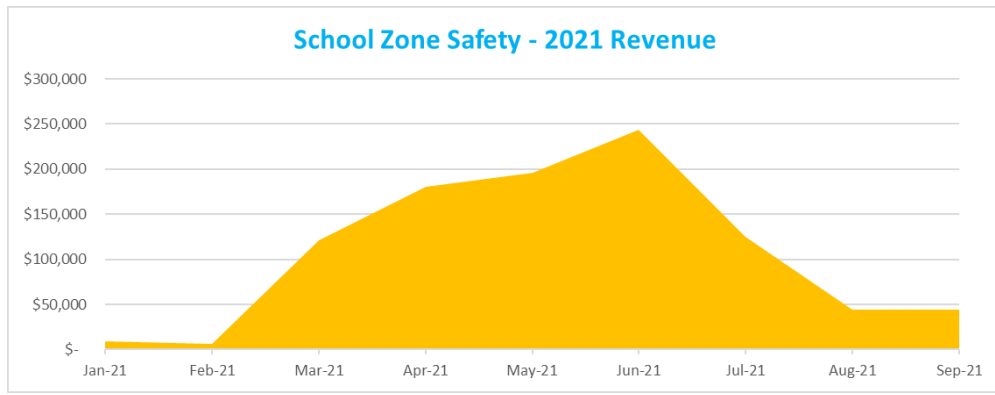
Court staffing costs:

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

Revenues:

Revenues	2019	2020	Jul-21	Aug-21	Sep-21	2021	TOTAL
Citations	\$ 400,883	\$ 732,749	\$ 124,824	\$ 43,713	\$ 44,132	\$ 969,107	\$ 2,102,738

The City has generated \$2,102,738 in school zone safety citation revenues from the program’s inception through 6/30/2021. Revenue collection continues during months when the cameras are inactive. The average monthly collection for this quarter was \$70,890.



Cash Flow Analysis:

	2019	2020	Jul-21	Aug-21	Sep-21	2021
Expenditures						
Construction	\$ 27,319	\$ -				\$ -
ATS Contract	\$ 26,871	\$ 17,579	\$ 17,000	\$ 17,000	\$ 17,000	\$ 125,679
Utilities	\$ 560	\$ 420	\$ 140	\$ 140	\$ 140	\$ 1,046
Police Staffing	\$ 50,284	\$ 166,864	\$ 15,318	\$ 17,475	\$ 14,684	\$ 135,396
Court Staffing	\$ 19,308	\$ 60,611	\$ 6,733	\$ 7,423	\$ 2,542	\$ 58,934
Total Expenditures	\$ 124,342	\$ 245,474	\$ 39,191	\$ 42,038	\$ 34,366	\$ 321,055
Revenues						
Citations	\$ 400,883	\$ 732,749	\$ 124,824	\$ 43,713	\$ 44,132	\$ 969,107
Total Revenues	\$ 400,883	\$ 732,749	\$ 124,824	\$ 43,713	\$ 44,132	\$ 969,107
Council Appropriations						
Re-appropriations			\$ -			\$ 200,000
Balance	\$ 276,541	\$ 487,275	\$ 85,633	\$ 1,675	\$ 9,766	
LTD Balance	\$ 276,541	\$ 763,816	\$ 1,200,426	\$ 1,202,101	\$ 1,211,867	\$ 1,211,867

The program balance as of 9/30/2021 is \$1,211,867.

CHANGE IN PROGRAM BALANCE	
Beg. Program Balance - April 1, 2020	\$ 760,665
Add: Revenue Apr. '20-Sept. '21	\$ 1,161,093
Less: Operational Costs Apr. '20-Sept. '21	\$ (509,890)
Less: Re-Appropriations Apr. '20-Sept. '21	\$ (200,000)
Ending Program Balance - September 30, 2021	\$ 1,211,867

Next Steps:

The next school zone safety camera program update will be reported for the 4th Quarter after December 31, 2021. In addition, Public Works Transportation Engineers are scheduling additional traffic studies in City of Kirkland school zones. The purpose of additional traffic studies is to gather data on vehicle speeds and traffic volumes to determine what locations additional automated safety cameras could improve the safety of students and pedestrians.