

November 29th, 2022

PROJECT: State of Hawaii Red Light Running Pilot Project

SUBJECT: Baseline Red Light Traffic-Control Signal Violations

I. Introduction

In an effort to supplement traditional police enforcement, the State of Hawaii Department of Transportation (HDOT) issued Hawaii Administrative Rules (HAR) HAR §19-151 for the implementation of a red-light safety camera system (RLSCS) at 17 approaches across 10 intersections. These 17 approaches are highlighted in green in Figure 1. RLSCS, in combination with other supplemental enforcement, have the ability to reduce severe collisions, injuries, and fatalities. The approaches were selected from an initial list provided by HDOT on the basis of approach factors, such as signal head visibility and signal timing, historical crash data, and traffic volumes. The goal for this pilot project is a successfully implemented system that will supplement traditional red light running (RLR) enforcement, reducing the occurrence of vehicle RLR, and improving the safety of all roadway users.

Figure 1: Selected Approaches for Installation of Red-Light Safety Camera Systems

Beretania Street at Piikoi Street	Kapiolani Boulevard at Kamakee Street	Vineyard Boulevard at Palama Street	Vineyard Boulevard at Pali Highway
NB Piikoi Street	WB Kapiolani Boulevard	NWB Vineyard Boulevard	NWB Vineyard Boulevard
WB Beretania Street	EB Kapiolani Boulevard	SEB Vineyard Boulevard	SEB Vineyard Boulevard
	NB Kamakee Street	NEB Palama Street	NEB Pali Highway
		SWB Palama Street	SWB Pali Highway
N. King Street at Beretania Street	S. King Street at Ward Avenue	Vineyard Boulevard at Liliha Street	Pali Highway at School Street
NB N. King Street	EB King Street	NWB Vineyard Boulevard	NEB Pali Highway
SB N. King Street	NB Ward Avenue	SEB Vineyard Boulevard	SWB Pali Highway
NWB Beretania Street	SB Ward Avenue	NEB Liliha Street	NWB School Street
		SWB Liliha Street	SEB School Street
Likelike Highway at School Street	N. King Street at River Street	N. King Street at Kohou Street	McCully Street at Algaroba Street
NEB Likelike Highway	SB N. King Street	NWB N. King Street	NEB McCully Street
SWB Likelike Highway	WB River Street	SEB N. King Street	SWB McCully Street
NWB School Street	EB River Street	NEB Kohou Street	NWB Algaroba Street
SEB School Street		SWB Kohou Street	SEB Algaroba Street
	N. King Street at Middle Street	Vineyard Boulevard at Nuuanu Avenue	
	SEB N. King Street	NWB Vineyard Boulevard	
	NEB Middle Street	SEB Vineyard Boulevard	
	SWB Middle Street	NEB Nuuanu Avenue	
		SWB Nuuanu Avenue	

II. Signal Violation Data

Prior to installation of the 17 RLSCS, baseline red light traffic-control signal violation data was required to be collected in accordance with Hawaii Revised Statutes (HRS) Section 291J-4 (c) and Hawaii HAR §19-151-5.

A. Data Collection Methodology

Vehicle RLR data was required to be collected for one-continuous week (24 hours a day for a period of seven days). To complete this, video cameras were temporarily installed to continuously record vehicle approaches for the study intersections. Recorded video was downloaded and separately processed in one-hour increments per approach and broken down by intersection movement (left-turn, straight-through, right-turn).

Initial RLR violation data collection was collected from 12:00 am on Thursday, May 19th, 2022, through 11:59 pm on Wednesday, May 25th, 2022, using 480p standard definition video cameras that were attached to an extendable pole secured to a street sign/pole (see Figure 2). Data was collected at the following study intersection approaches (limited by the number of available video cameras on-island at the time) during this data collection period:

1. Vineyard Boulevard at Palama Street (NWB) *
2. Vineyard Boulevard at Liliha Street (NWB, SEB)
3. Pali Highway at School Street (SWB)
4. Vineyard Boulevard at Pali Highway (NWB, SEB) *
5. Likelike Highway at School Street (NEB, SWB, SWB, SEB) *
6. Vineyard Boulevard at Nuuanu Avenue (SEB)

However, due to video data collection issues, one-continuous week of collection was not able to be obtained for the study approaches at some intersections (notated with an *), thereby requiring data collection to be redone at those locations.

RLR violation data for the remaining study intersection approaches, as well as for those that needed to be re-collected from the initial collection, was collected from 12:00 am on Thursday, August 25th, 2022, through 11:59 pm on Wednesday, August 31st, 2022. This data collection start date corresponded to a return to school for the majority of public and private schools, including the University of Hawaii, following summer break that occurred between May 27th and August 22nd. This was done as it is more representative of typical traffic patterns during the year. This process used a JVC camera system inside housings that were secured to a sign/pole using adjustable ratchet straps at approximately 12-15 feet above ground level (see Figure 3). The following study intersection approaches were collected during this data collection period:

1. Piikoi Street at Beretania Street (NB, WB)
2. Kapiolani Boulevard at Kamakee Street (WB)
3. Vineyard Boulevard at Palama Street (NWB)
4. Vineyard Boulevard at Pali Highway (NWB, SEB)
5. King Street at Ward Avenue (EB, SB)
6. Likelike Highway at School Street (NEB, SWB, SWB, SEB)
7. Vineyard Boulevard at Nuuanu Street (SEB)
8. McCully Street at Algaroba Street (SWB)



Figure 2: 480p Standard Definition Camera System Example



Figure 3: JVC Camera System Example

B. Definition of a RLR Violation

For this effort, RLR violations were counted when a vehicle passed the stop bar after the traffic signal turned red and proceeded to continue through the intersection. Therefore, in situations where a vehicle crossed the stop bar but did not continue into or through the intersection, RLR violations were not counted. Separately, if a vehicle did not come to a complete stop during a red light when making either a left- or right-turn-on-red (LTOR or RTOR), then that was classified as a violation. For example, in the case of Piikoi Street and Beretania Street, even though LTOR is permitted after a complete stop from NB Piikoi Street, and RTOR is permitted after a complete stop from WB Beretania Street, violations were still recorded when vehicles did not come to a complete stop on red prior to turning.

C. Tabulated RLR Data

RLR data was tabulated for vehicles at study intersection approaches and broken down by intersection movement. Complete RLR violation data for all collected approaches from both the May and August data collections can be found in Appendix A.

1. Intersection Approach RLR Data

When considering all study intersection approaches, the average weekly and daily RLR violation totals were 1,450 and 207, respectively (see Table 1). The highest number of RLR violations occurred for the WB Beretania Street approach at Piikoi Street which resulted in 4,505 violations over the week and 644 violations per day. Of those weekly violations, none (0) were from left-turning vehicles (with Piikoi Street being one-way in the NB direction, you can't turn left), 300 were from straight-through movements, and 4,205 (93%) were right-turning vehicles.

2. Intersection Approach Straight-Through Movement Results

Tabulated straight-through vehicle movement RLR results for each study intersection approach are provided in Table 2. The average weekly and daily totals for straight-through RLR violations were 205 and 29, respectively, 14% of the average total of all movement violations. In comparison, average right- and left-turn violations were 70% and 16% of the total, respectively. The NB Piikoi Street approach at Beretania Street had the highest number of straight-through vehicle movement RLR violations with 769 violations over the week and 110 violations per day.

Table 1: Intersection Approach (All Movements) RLR Violation Results

Approach	Thur	Fri	Sat	Sun	Mon	Tue	Wed	Avg Daily	Total Weekly
1) NB Piikoi St at Beretania St	364	517	365	354	554	566	574	471	3,294
2) WB Beretania St at Piikoi St	711	668	716	509	530	662	709	644	4,505
3) WB Kapiolani Blvd at Kamakee St	110	101	80	82	76	84	81	88	614
4) NWB N Vineyard Blvd at Palama St	176	181	165	122	137	112	116	144	1,009
5) NWB N Vineyard Blvd at Pali Hwy	137	146	98	51	146	145	220	135	943
6) SEB N Vineyard Blvd at Pali Hwy	192	194	157	121	162	199	226	179	1,251
7) EB S King St at Ward Ave	90	87	44	42	129	84	107	83	583
8) SB Ward Ave at S King St	298	413	563	428	405	389	373	410	2,869
9) NWB Vineyard Blvd at Liliha St	128	177	151	161	128	135	194	153	1,074
10) SEB Vineyard Blvd at Liliha St	211	309	382	338	272	241	271	289	2,024
11) SWB Pali Hwy at School St	8	9	2	6	5	3	12	6	45
12) NEB Likelike Hwy at School St	72	47	47	54	97	60	13	56	390
13) SWB Likelike Hwy at School St	25	23	20	17	21	36	10	22	152
14) NWB School St at Likelike Hwy	201	240	223	174	171	199	172	197	1,380
15) SEB School St at Likelike Hwy	419	556	506	452	467	455	521	482	3,376
16) SWB McCully St at Algaroba Street	42	63	72	48	48	58	60	56	391
17) SEB Vineyard Blvd at Nuuanu Ave	112	115	125	105	96	101	101	108	755
Average								207	1,450

Table 2: Intersection Approach (Straight-Through Movement) RLR Violation Results

Approach	Thur	Fri	Sat	Sun	Mon	Tue	Wed	Avg Daily	Total Weekly
1) NB Piikoi St at Beretania St	76	166	70	108	136	102	111	110	769
2) WB Beretania St at Piikoi St	21	53	41	32	32	56	65	43	300
3) WB Kapiolani Blvd at Kamakee St	67	67	47	43	46	44	54	53	368
4) NWB N Vineyard Blvd at Palama St	11	10	16	13	9	8	7	11	74
5) NWB N Vineyard Blvd at Pali Hwy	13	4	3	3	11	16	9	8	59
6) SEB N Vineyard Blvd at Pali Hwy	33	41	36	17	28	38	68	37	261
7) EB S King St at Ward Ave	62	78	37	36	93	67	81	65	454
8) SB Ward Ave at S King St	2	4	7	2	2	1	1	3	19
9) NWB Vineyard Blvd at Liliha St	12	5	4	6	6	5	3	6	41
10) SEB Vineyard Blvd at Liliha St	19	16	18	15	30	10	22	19	130
11) SWB Pali Hwy at School St	7	7	1	6	5	2	9	5	37
12) NEB Likelike Hwy at School St	52	41	45	45	64	39	11	42	297
13) SWB Likelike Hwy at School St	22	16	18	11	17	26	9	17	119
14) NWB School St at Likelike Hwy	11	12	6	9	12	8	10	10	68
15) SEB School St at Likelike Hwy	24	34	10	10	29	27	35	24	169
16) SWB McCully St at Algaroba Street	27	49	53	38	38	43	37	41	285
17) SEB Vineyard Blvd at Nuuanu Ave	11	7	7	2	8	3	3	6	41
Average								29	205

III. RLR Violation Trends

Study intersection approach RLR data was analyzed to determine general trends in violation data. This data can be used to inform future efforts as well as assist law enforcement in traditional vehicle RLR enforcement. As RLR violations within this pilot project focus on straight-through vehicle movements only, the majority of the analysis did not consider RLR violations from left- or right-turning vehicle movements.

Trends from this data are based upon a relatively small collection size of one week, which resulted in highly variable data when analyzed on an hourly basis. It is likely that some of this fluctuation may level out as more data is collected. Further analysis in the future may be done to better understand the variations in RLR offenses throughout a typical day through a variety of intersections.

1. Time of Day

Vehicle RLR data, broken into one-hour increments, was analyzed to determine the propensity of RLR violations throughout a standard day. Data represents the summation of all RLR violations that occurred for straight-through movements only throughout both the May and August data collections, at the study intersection approaches. Each approach was analyzed separately, as shown in Figure 4. The red-outlined box represents the typical commuter AM and PM peak hour ranges. The thick black trendline represents an average of all approaches, for better visualization of time-of-day trends across all intersections.

While vehicle RLR violations fluctuated greatly throughout the day, the highest number of RLR violations occurred during the PM peak commuter hours, specifically between 4:00 pm to 5:00 pm. This was followed by smaller peaks during both the AM peak commuter hour and MID peak.

Peak commuter hours have the highest vehicular volumes throughout the day, therefore providing greater opportunity for vehicles to commit RLR offenses. The PM peak hour is often the highest vehicle volume for the day. The smallest number of RLR violations were tabulated obtained between the hours of 12:00 am to 4:00 am. During this time, there is a much lower volume of vehicles on the roadway, and therefore less opportunities for vehicles to commit RLR violations.

2. Day of Week

Vehicle RLR violations summed into daily increments was analyzed to determine the propensity of RLR violations throughout a standard week. Data represents all RLR violations that occurred for straight-through movements only for both the May and August data collections (see Figure 5). The thick black trendline represents an average of all approaches, for better visualization of time-of-day trends across all intersections. This was analyzed to see if higher RLR occurred during weekdays, when large volumes of trips are commuter-related, or weekends when vehicle trips may be for recreation, as opposed to work, and in areas less familiar to the driver.

Vehicle RLR violations fluctuated greatly throughout the week, with no clear trends identifying what day of the week had the highest propensity for RLR. There appears to be some correlation between a higher number of RLR violations on weekdays, as compared to weekends, but this trend was not consistently observed. When averaged across all approaches, Fridays tended to have the highest number of RLR violations, while Sundays tended to have the least.

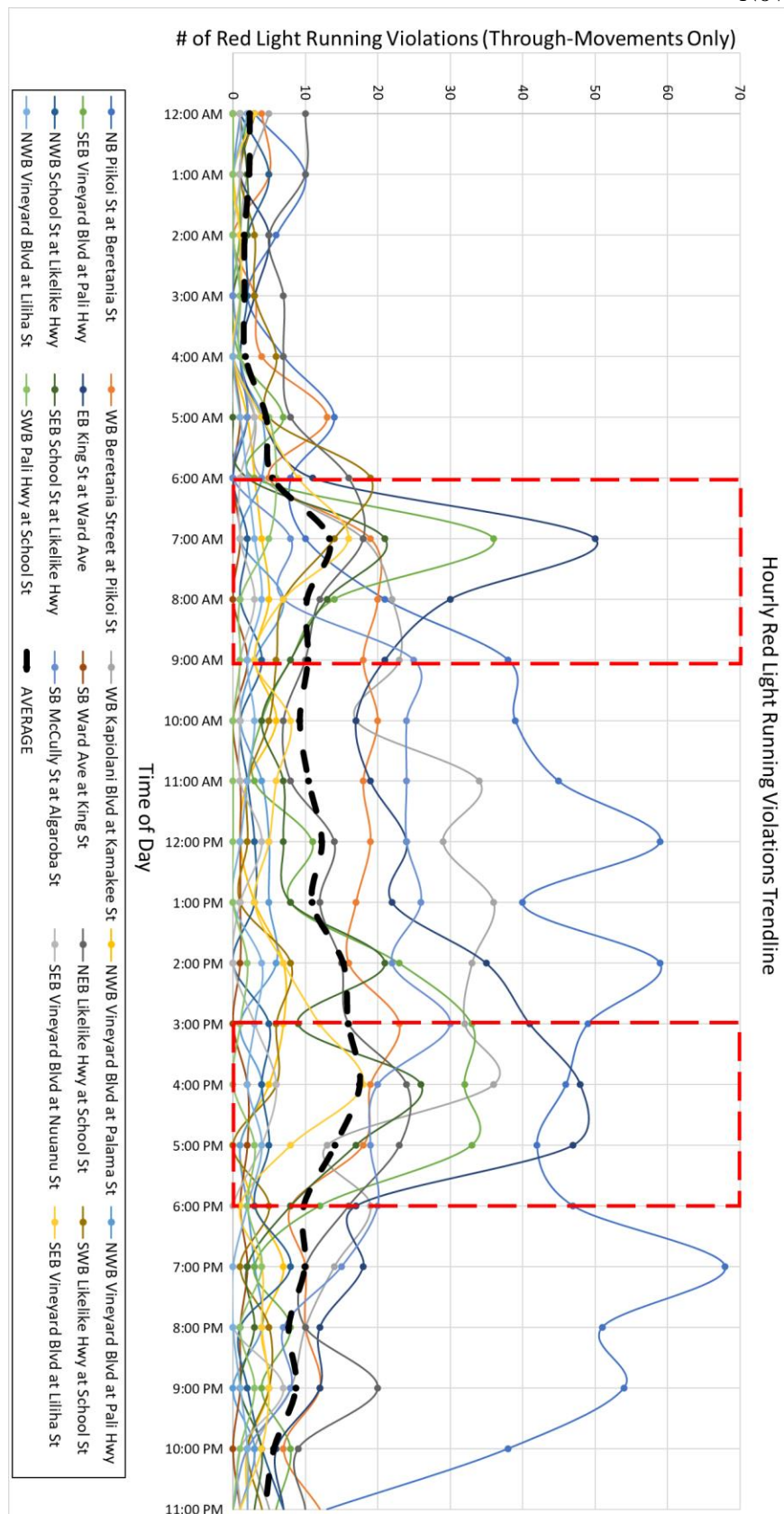


Figure 4: Hourly Red Light Running Violations Trendline

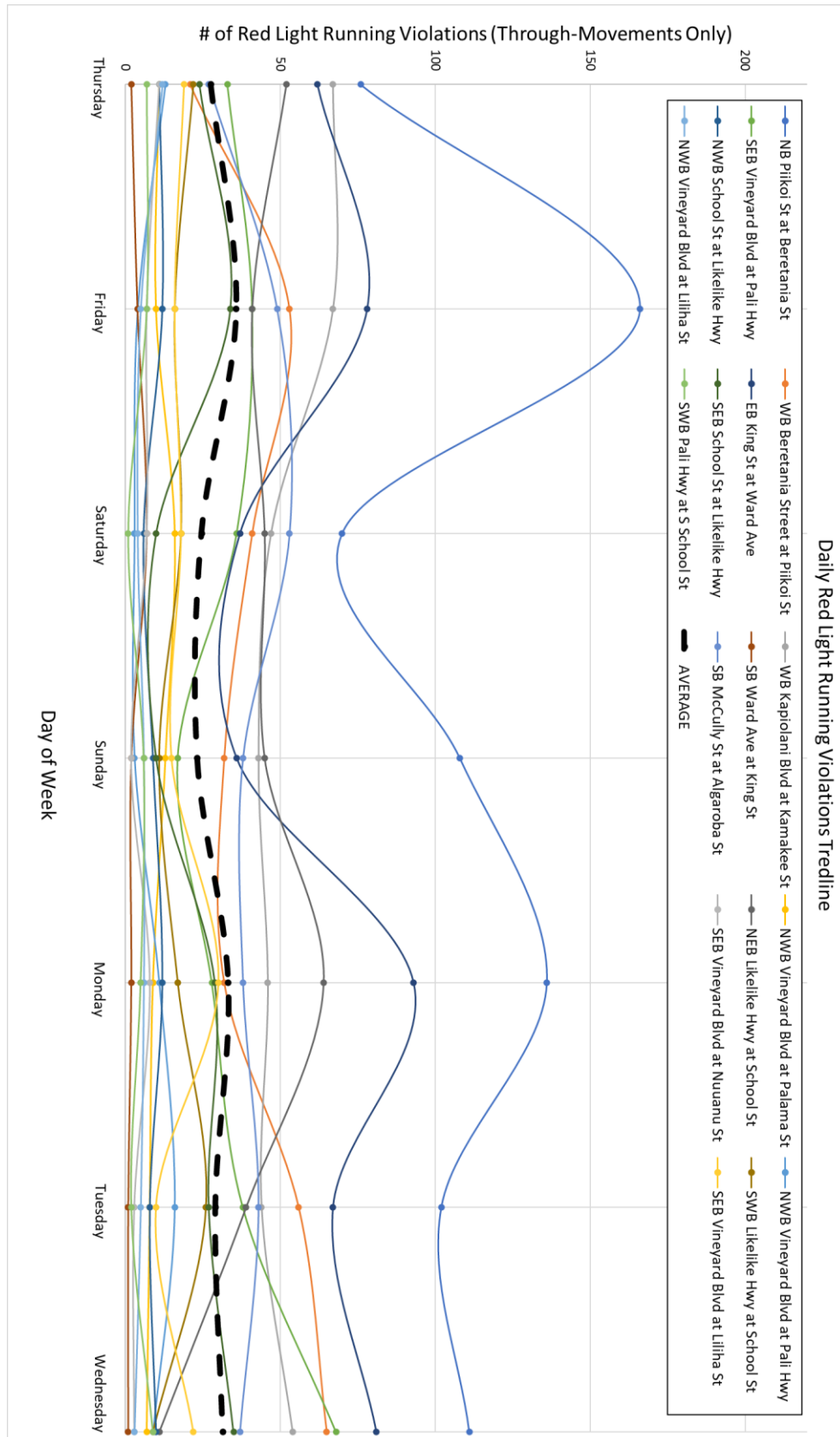


Figure 5: Daily Red Light Running Violations Trendline

3. Number of Approach Lanes

RLR violation data was assessed to see if there was a correlation between the number of approach lanes for through movements and the number of RLR violations. It was assumed that as the number of approach through lanes increases, so does the opportunity for violations to occur. Similarly, it can be expected that as the number of approach through lanes increases, so does the traffic volume, also increasing the opportunity for violations to occur. It was found that there appeared to be a correlation, with the number of RLR violations generally increasing as the number of approach lanes increased (see Table 3).

Table 3: Red Light Running Violation Data per Number of Approach Lanes

Number of Approach Through Lanes	Number of Occurrences	Average Weekly Violations	Average Violations per Day
<i>Two Lanes</i>	5	116	17
<i>Three Lanes</i>	9	154	22
<i>Four Lanes</i>	2	535	76
<i>Five Lanes</i>	1	454	65

While initial data collection showed corridors with four through movement lanes had more violations than five lane approaches, it should be noted that the sample size of each configuration is limited. It is also of note that four- and five-lane approaches had more than twice the number of violations than the two- or three-lane approaches, suggesting additional impacting variables.

4. Average Daily Traffic

Average daily traffic (ADT) volumes were used in the selection of sites for the installation of RLSCS based on literature review that noted ADT as having a direct correlation with the volume of RLR violations. Therefore, recently collected RLR violation data was assessed to confirm a correlation between the ADT along each study approach and the number of RLR violations (see Figure 6).

RLR violation data across all approaches confirmed a direct correlation with higher ADTs tending to have higher occurrences of straight-through RLR. Specifically, the approach with the highest ADT, NB Piikoi Street at Beretania Street (29,391 vpd), had the highest number of straight-through movement RLR violations (769), while the approach with the lowest ADT, SB Ward Avenue at S King Street (6,717 vpd), had the lowest number of straight-through movement RLR violations (19).

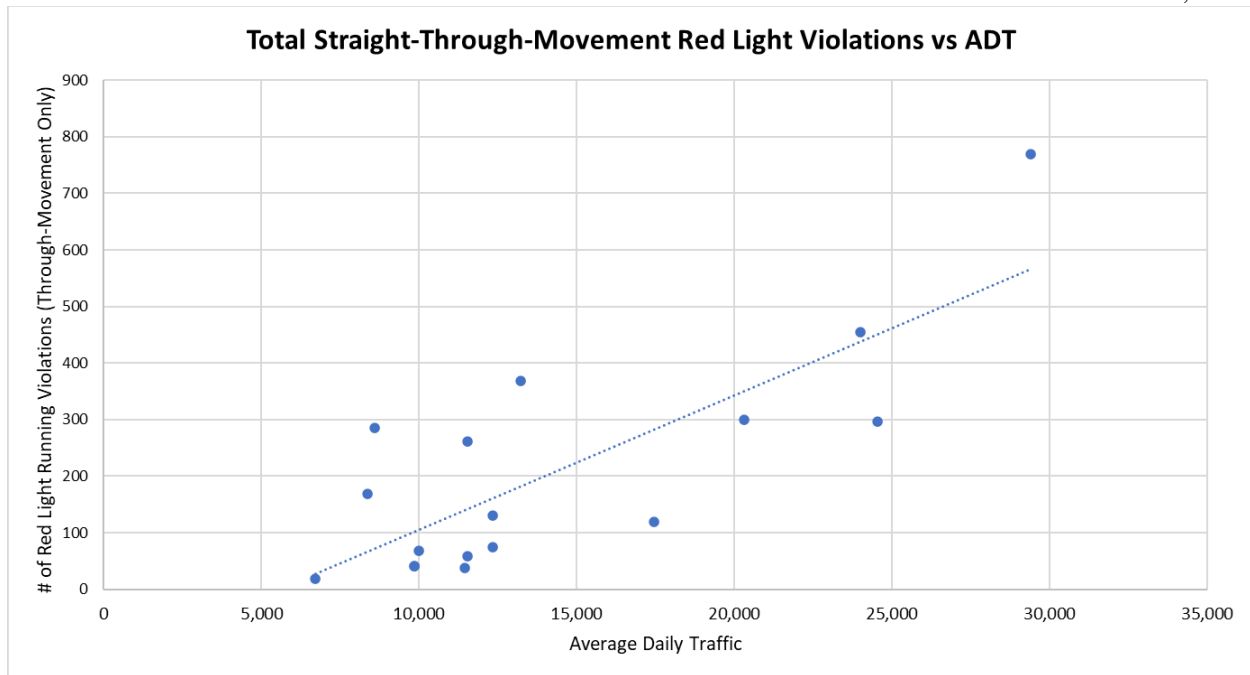


Figure 6: Total Straight-Through Movement Red Light Violations vs ADT

5. Posted Speed Limit

RLR violation data across all study intersection approaches was assessed to see if there was a direct correlation between posted speed limit and the number of RLR violations. Of the 17 study intersection approaches, 6 had a 25 mph posted speed limit, 10 had 30 mph, and 1 had 35 mph. Average RLR violations for through-movements only grouped by posted speed limit are summarized in Table 4.

Table 4: Red Light Running Violation Data per Posted Approach Speed Limit

Posted Speed Limit	Number of Occurrences	Average Weekly Violations	Average Violations per Day
25	6	254	36
30	10	160	23
35	1	368	53

Based on RLR violation data collected throughout this study, no direct correlation was found between the posted speed limit and the number of occurrences of RLR for through-movements. Corridors with posted speed limits of 30 mph had on average lower occurrences of RLR than corridors with 25 mph posted speed limits.

6. Yellow Clearance Interval

One potential explanation of the posted speed limit trend is the correlation between posted speed limit and the yellow clearance interval. As discussed in the *Engineering Study Report*, HDOT and DTS set yellow clearance intervals based on posted speed limits. Higher posted speed limits require longer distances to stop, resulting in longer calculated yellow clearance intervals. However, it should be noted that the posted speed limit is not necessarily reflective of actual travel speeds along a corridor. Of the analyzed study intersection approaches, 14 had a 4-second yellow

clearance interval while the remaining 3 had 5-second yellow clearance intervals. A comparison of these yellow clearance intervals with average occurrences of RLR can be seen in Table 5.

Table 5: Red Light Running Violation Data per Yellow Clearance Interval

Yellow Clearance Interval	Number of Occurrences	Average ADT	Average Weekly Violations	Average Violations per Day
4 seconds	14	15,231	230	33
5 seconds	3	9,402	93	13

Based on this small sample, approaches with longer yellow clearance intervals tended to have on average lower occurrences of RLR. This correlation was noted both for the raw data collection, as well as after normalizing for ADT, which as previously discussed is believed to be one of the factors most directly correlated with RLR occurrences.

The NWB Vineyard Boulevard study intersection approaches at Pali Highway, Liliha Street, and Palama Street are spaced within 1-mile of each other and have a similar number of approach lanes, ADT, and posted speed limit. The NWB approach at Liliha Street has 5 seconds of yellow clearance, while the other two approaches have 4 seconds of yellow clearance. While other factors may play a role, RLR violations at the NWB approach to Liliha Street (41 weekly violations) were lower than violations at the adjacent Palama Street (74 weekly violations) and Pali Highway (59 weekly violations) locations, representing another potential correlation between yellow clearance intervals and RLR occurrences.

IV. Summary

RLR violation data was successfully collected for one continuous week at the following study intersection approaches during May and August of 2022 (May data denoted with an *):

1. Piikoi Street at Beretania Street (NB, WB)
2. Kapiolani Boulevard at Kamakee Street (WB)
3. Vineyard Boulevard at Palama Street (NWB)
4. Vineyard Boulevard at Pali Highway (NWB, SEB) *
5. King Street at Ward Avenue (EB, SB)
6. Vineyard Boulevard at Liliha Street (NWB, SEB)
7. Pali Highway at School Street (SWB) *
8. Likelike Highway at School Street (NEB, SWB, SWB, SEB)
9. McCully Street at Algaroba Street (SWB)
10. Vineyard Boulevard at Nuuanu Avenue (SEB) *

Specific to straight-through movements only, RLR violations tended to be highest during the PM commuter peak hour, followed by AM and MID peak hours, and tended to be higher during weekdays than weekends. In general, RLR violations tended to increase for an approach in correlation with an increase in ADT and the number of straight-through lanes. It was also observed that shorter yellow clearance intervals may increase RLR occurrences.

Data analysis was primarily focused on straight-through movement violations only, as these are what constitutes a RLR violation in this pilot project. However, straight-through RLR violations reflected only 14% of the total approach violations. Left- and right-turning vehicle movements made up the balance with 70% and 16% of the total average RLR violations, respectively.

Data was found to be highly variable due to the small sample size of one week of data. Further analysis in the future may be beneficial to help understand the variations in vehicle RLR offenses, which has the potential to assist law enforcement in traditional RLR enforcement. It is the goal of this project that RLR offenses will go down with the installation of red-light safety camera systems, improving the safety of all roadway users.

Appendix A – Red Light Violation Data

Piikoi St and S Beretania St Red Light Violation Observation
25-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	4	1	0	0	0	34
1:00 AM	2	0	0	0	1	34
2:00 AM	1	1	0	0	0	11
3:00 AM	2	1	0	0	2	18
4:00 AM	9	2	0	0	0	24
5:00 AM	1	6	0	0	0	45
6:00 AM	7	0	0	0	2	18
7:00 AM	9	0	0	0	0	18
8:00 AM	11	0	0	0	0	15
9:00 AM	13	0	0	0	0	12
10:00 AM	9	4	0	0	0	11
11:00 AM	4	1	0	0	0	18
12:00 PM	25	2	0	0	1	35
1:00 PM	19	6	0	0	3	43
2:00 PM	26	5	0	0	0	47
3:00 PM	21	3	0	0	1	52
4:00 PM	26	3	0	0	0	60
5:00 PM	19	1	0	0	0	25
6:00 PM	26	6	0	0	2	28
7:00 PM	25	10	0	0	1	28
8:00 PM	9	7	0	0	3	21
9:00 PM	10	11	0	0	2	29
10:00 PM	8	5	0	0	2	29
11:00 PM	2	1	0	0	1	35
Totals	288	76	0	0	21	690

Piikoi St and S Beretania St Red Light Violation Observation
26-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	5	0	0	0	0	23
1:00 AM	2	2	0	0	1	27
2:00 AM	3	0	0	0	0	12
3:00 AM	1	0	0	0	0	23
4:00 AM	9	0	0	0	2	22
5:00 AM	6	2	0	0	2	35
6:00 AM	5	1	0	0	0	22
7:00 AM	14	2	0	0	5	26
8:00 AM	13	5	0	0	7	11
9:00 AM	19	12	0	0	4	9
10:00 AM	24	12	0	0	4	5
11:00 AM	26	26	0	0	1	17
12:00 PM	18	5	0	0	2	62
1:00 PM	20	6	0	0	4	36
2:00 PM	29	7	0	0	1	45
3:00 PM	19	9	0	0	3	41
4:00 PM	33	5	0	0	9	51
5:00 PM	18	3	0	0	0	34
6:00 PM	30	12	0	0	0	18
7:00 PM	13	13	0	0	1	19
8:00 PM	22	15	0	0	0	17
9:00 PM	13	13	0	0	2	18
10:00 PM	3	8	0	0	1	26
11:00 PM	6	8	0	0	4	16
Totals	351	166	0	0	53	615

Piikoi St and S Beretania St Red Light Violation Observation
27-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	1	0	0	0	2	28
1:00 AM	1	3	0	0	0	40
2:00 AM	6	4	0	0	0	39
3:00 AM	7	1	0	0	0	22
4:00 AM	4	3	0	0	1	26
5:00 AM	3	1	0	0	6	22
6:00 AM	5	1	0	0	0	32
7:00 AM	9	0	0	0	1	55
8:00 AM	11	0	0	0	1	26
9:00 AM	19	1	0	0	7	26
10:00 AM	12	2	0	0	8	50
11:00 AM	17	2	0	0	4	27
12:00 PM	6	1	0	0	2	38
1:00 PM	15	4	0	0	1	24
2:00 PM	21	3	0	0	1	28
3:00 PM	17	3	0	0	0	16
4:00 PM	10	0	0	0	0	24
5:00 PM	22	7	0	0	1	16
6:00 PM	40	8	0	0	1	19
7:00 PM	18	6	0	0	0	18
8:00 PM	24	6	0	0	2	20
9:00 PM	15	6	0	0	1	23
10:00 PM	8	7	0	0	0	29
11:00 PM	4	1	0	0	2	27
Totals	295	70	0	0	41	675

Piikoi St and S Beretania St Red Light Violation Observation
28-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	4	2	0	0	2	13
1:00 AM	4	2	0	0	0	24
2:00 AM	4	0	0	0	0	23
3:00 AM	5	0	0	0	1	21
4:00 AM	2	0	0	0	0	17
5:00 AM	5	1	0	0	1	21
6:00 AM	5	2	0	0	1	23
7:00 AM	3	0	0	0	4	30
8:00 AM	3	1	0	0	1	19
9:00 AM	6	1	0	0	1	28
10:00 AM	6	1	0	0	1	14
11:00 AM	12	1	0	0	0	20
12:00 PM	16	18	0	0	4	19
1:00 PM	32	9	0	0	0	18
2:00 PM	20	11	0	0	1	9
3:00 PM	26	15	0	0	0	3
4:00 PM	17	11	0	0	0	10
5:00 PM	14	5	0	0	0	9
6:00 PM	8	0	0	0	2	26
7:00 PM	15	7	0	0	6	9
8:00 PM	13	10	0	0	2	15
9:00 PM	6	7	0	0	2	34
10:00 PM	14	2	0	0	1	35
11:00 PM	6	2	0	0	2	37
Totals	246	108	0	0	32	477

Piikoi St and S Beretania St Red Light Violation Observation
29-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	2	0	0	0	0	12
1:00 AM	0	2	0	0	0	9
2:00 AM	2	0	0	0	0	7
3:00 AM	4	0	0	0	0	8
4:00 AM	4	0	0	0	1	17
5:00 AM	7	2	0	0	1	40
6:00 AM	12	2	0	0	0	10
7:00 AM	25	3	0	0	3	21
8:00 AM	17	2	0	0	0	17
9:00 AM	20	5	0	0	1	18
10:00 AM	26	4	0	0	4	25
11:00 AM	32	6	0	0	2	19
12:00 PM	20	18	0	0	2	26
1:00 PM	24	9	0	0	1	35
2:00 PM	26	17	0	0	1	33
3:00 PM	22	7	0	0	5	31
4:00 PM	22	21	0	0	2	32
5:00 PM	39	17	0	0	3	30
6:00 PM	63	9	0	0	0	8
7:00 PM	25	6	0	0	0	11
8:00 PM	10	1	0	0	1	22
9:00 PM	4	2	0	0	2	24
10:00 PM	4	3	0	0	2	20
11:00 PM	8	0	0	0	1	23
Totals	418	136	0	0	32	498

Piikoi St and S Beretania St Red Light Violation Observation
30-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	9	0	0	0	0	30
1:00 AM	3	1	0	0	1	25
2:00 AM	4	1	0	0	0	19
3:00 AM	5	0	0	0	0	15
4:00 AM	5	1	0	0	0	24
5:00 AM	13	0	0	0	1	34
6:00 AM	16	2	0	0	2	16
7:00 AM	16	4	0	0	4	17
8:00 AM	26	11	0	0	7	10
9:00 AM	18	7	0	0	5	9
10:00 AM	12	3	0	0	3	12
11:00 AM	20	6	0	0	4	23
12:00 PM	33	8	0	0	3	28
1:00 PM	29	2	0	0	4	38
2:00 PM	37	6	0	0	6	40
3:00 PM	28	6	0	0	3	21
4:00 PM	27	1	0	0	3	19
5:00 PM	34	3	0	0	4	33
6:00 PM	50	4	0	0	2	29
7:00 PM	24	16	0	0	0	26
8:00 PM	15	9	0	0	1	29
9:00 PM	14	4	0	0	1	33
10:00 PM	15	6	0	0	0	42
11:00 PM	11	1	0	0	2	34
Totals	464	102	0	0	56	606

Piikoi St and S Beretania St Red Light Violation Observation
31-08-2022

Start Time	Piikoi St at S Beretania St					
	NB			WB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	6	0	0	0	0	28
1:00 AM	3	0	0	0	2	17
2:00 AM	3	0	0	0	0	29
3:00 AM	0	0	0	0	0	21
4:00 AM	7	1	0	0	0	34
5:00 AM	16	2	0	0	2	50
6:00 AM	8	0	0	0	0	41
7:00 AM	16	1	0	0	2	35
8:00 AM	13	2	0	0	4	35
9:00 AM	25	12	0	0	0	45
10:00 AM	41	13	0	0	0	56
11:00 AM	52	3	0	0	7	34
12:00 PM	22	7	0	0	5	12
1:00 PM	25	4	0	0	4	10
2:00 PM	23	10	0	0	6	10
3:00 PM	24	6	0	0	11	16
4:00 PM	22	5	0	0	5	16
5:00 PM	29	6	0	0	10	11
6:00 PM	41	8	0	0	1	20
7:00 PM	38	10	0	0	2	17
8:00 PM	19	3	0	0	1	23
9:00 PM	15	11	0	0	2	24
10:00 PM	8	7	0	0	1	31
11:00 PM	7	0	0	0	0	29
Totals	463	111	0	0	65	644

Kamakee St and Kapiolani Blvd Red Light Violation Observation
25-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	2	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	1	0
6:00 AM	1	0	0
7:00 AM	3	6	0
8:00 AM	4	7	0
9:00 AM	4	2	0
10:00 AM	5	5	0
11:00 AM	4	7	0
12:00 PM	3	6	0
1:00 PM	3	7	0
2:00 PM	4	6	0
3:00 PM	0	2	0
4:00 PM	0	5	0
5:00 PM	0	3	0
6:00 PM	4	4	0
7:00 PM	1	2	0
8:00 PM	3	0	0
9:00 PM	0	1	0
10:00 PM	2	2	0
11:00 PM	0	1	0
Totals	43	67	0

Kamakee St and Kapiolani Blvd Red Light Violation Observation
26-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	0	1	0
1:00 AM	2	0	0
2:00 AM	0	0	0
3:00 AM	2	0	0
4:00 AM	0	0	0
5:00 AM	0	1	0
6:00 AM	1	0	0
7:00 AM	1	2	0
8:00 AM	2	1	0
9:00 AM	1	3	0
10:00 AM	3	3	0
11:00 AM	4	5	0
12:00 PM	1	8	0
1:00 PM	2	5	0
2:00 PM	4	7	0
3:00 PM	2	7	0
4:00 PM	1	8	0
5:00 PM	2	5	0
6:00 PM	3	1	0
7:00 PM	2	4	0
8:00 PM	0	2	0
9:00 PM	1	3	0
10:00 PM	0	0	0
11:00 PM	0	1	0
Totals	34	67	0

Kamakee St and Kapiolani Blvd Red Light Violation Observation
27-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	1	1	0
1:00 AM	0	1	0
2:00 AM	0	1	0
3:00 AM	0	1	0
4:00 AM	0	0	0
5:00 AM	1	0	0
6:00 AM	0	0	0
7:00 AM	0	2	0
8:00 AM	3	2	0
9:00 AM	1	3	0
10:00 AM	4	3	0
11:00 AM	1	4	0
12:00 PM	5	3	0
1:00 PM	2	4	0
2:00 PM	3	5	0
3:00 PM	2	4	0
4:00 PM	1	3	0
5:00 PM	3	2	0
6:00 PM	4	4	0
7:00 PM	1	2	0
8:00 PM	0	0	0
9:00 PM	1	1	0
10:00 PM	0	0	0
11:00 PM	0	1	0
Totals	33	47	0

Kamakee St and Kapiolani Blvd Red Light Violation Observation
28-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	1	0	0
1:00 AM	0	1	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	1	0	0
5:00 AM	0	0	0
6:00 AM	2	2	0
7:00 AM	3	2	0
8:00 AM	0	3	0
9:00 AM	3	6	0
10:00 AM	2	1	0
11:00 AM	5	3	0
12:00 PM	3	2	0
1:00 PM	3	5	0
2:00 PM	5	4	0
3:00 PM	1	4	0
4:00 PM	4	2	0
5:00 PM	0	0	0
6:00 PM	0	2	0
7:00 PM	3	4	0
8:00 PM	2	2	0
9:00 PM	0	0	0
10:00 PM	1	0	0
11:00 PM	0	0	0
Totals	39	43	0

Kamakee St and Kapiolani Blvd Red Light Violation Observation
29-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	1	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	1	0
8:00 AM	2	3	0
9:00 AM	2	3	0
10:00 AM	3	1	0
11:00 AM	4	4	0
12:00 PM	3	1	0
1:00 PM	4	9	0
2:00 PM	2	4	0
3:00 PM	2	5	0
4:00 PM	0	6	0
5:00 PM	0	2	0
6:00 PM	2	1	0
7:00 PM	1	1	0
8:00 PM	3	3	0
9:00 PM	1	1	0
10:00 PM	0	0	0
11:00 PM	0	1	0
Totals	30	46	0

Kamakee St and Kapiolani Blvd Red Light Violation Observation
30-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	1	1	0
6:00 AM	0	1	0
7:00 AM	0	4	0
8:00 AM	4	4	0
9:00 AM	2	2	0
10:00 AM	2	1	0
11:00 AM	7	7	0
12:00 PM	6	4	0
1:00 PM	5	1	0
2:00 PM	3	1	0
3:00 PM	3	7	0
4:00 PM	1	4	0
5:00 PM	0	0	0
6:00 PM	2	3	0
7:00 PM	2	0	0
8:00 PM	1	1	0
9:00 PM	0	1	0
10:00 PM	1	1	0
11:00 PM	0	1	0
Totals	40	44	0

Kamakee St and Kapiolani Blvd Red Light Violation Observation
31-08-2022

	Kamakee St at Kapiolani Blvd		
	WB		
Start Time	Left	Thru	Right
12:00 AM	0	3	0
1:00 AM	1	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	1	0	0
6:00 AM	0	1	0
7:00 AM	0	1	0
8:00 AM	0	2	0
9:00 AM	0	4	0
10:00 AM	3	3	0
11:00 AM	3	4	0
12:00 PM	4	5	0
1:00 PM	2	5	0
2:00 PM	2	6	0
3:00 PM	4	3	0
4:00 PM	0	8	0
5:00 PM	1	1	0
6:00 PM	1	4	0
7:00 PM	1	1	0
8:00 PM	1	2	0
9:00 PM	1	1	0
10:00 PM	1	0	0
11:00 PM	1	0	0
Totals	27	54	0

Vineyard Blvd and Palama St Red Light Violation Observation
25-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	1
3:00 AM	0	0	0
4:00 AM	0	0	1
5:00 AM	1	1	1
6:00 AM	0	1	9
7:00 AM	0	0	6
8:00 AM	0	2	4
9:00 AM	1	1	8
10:00 AM	0	3	9
11:00 AM	0	1	17
12:00 PM	0	0	8
1:00 PM	0	0	18
2:00 PM	0	0	5
3:00 PM	0	0	13
4:00 PM	0	0	11
5:00 PM	0	0	19
6:00 PM	1	0	7
7:00 PM	0	2	14
8:00 PM	0	0	8
9:00 PM	1	0	0
10:00 PM	0	0	1
11:00 PM	0	0	1
Totals	4	11	161

Vineyard Blvd and Palama St Red Light Violation Observation
26-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	0	0	2
1:00 AM	1	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	2
5:00 AM	0	0	0
6:00 AM	0	0	5
7:00 AM	0	0	5
8:00 AM	0	0	13
9:00 AM	0	0	10
10:00 AM	0	0	6
11:00 AM	0	0	15
12:00 PM	0	0	15
1:00 PM	1	0	18
2:00 PM	0	3	11
3:00 PM	0	1	12
4:00 PM	1	1	5
5:00 PM	0	0	8
6:00 PM	0	1	16
7:00 PM	0	1	13
8:00 PM	0	2	2
9:00 PM	0	1	5
10:00 PM	0	0	3
11:00 PM	0	0	2
Totals	3	10	168

Vineyard Blvd and Palama St Red Light Violation Observation
27-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	1	0
3:00 AM	0	1	0
4:00 AM	0	0	0
5:00 AM	0	0	1
6:00 AM	1	1	4
7:00 AM	0	0	2
8:00 AM	0	1	2
9:00 AM	0	1	8
10:00 AM	0	0	15
11:00 AM	0	1	8
12:00 PM	1	0	17
1:00 PM	0	2	24
2:00 PM	0	0	11
3:00 PM	0	2	13
4:00 PM	0	0	11
5:00 PM	0	0	9
6:00 PM	0	1	8
7:00 PM	1	2	6
8:00 PM	0	0	3
9:00 PM	0	0	1
10:00 PM	0	1	2
11:00 PM	0	2	1
Totals	3	16	146

Vineyard Blvd and Palama St Red Light Violation Observation
28-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	1	0	0
2:00 AM	0	0	0
3:00 AM	2	0	0
4:00 AM	0	0	0
5:00 AM	2	0	0
6:00 AM	0	1	3
7:00 AM	0	0	1
8:00 AM	0	0	5
9:00 AM	0	1	7
10:00 AM	0	0	10
11:00 AM	0	0	4
12:00 PM	0	1	22
1:00 PM	0	1	10
2:00 PM	0	1	5
3:00 PM	0	1	4
4:00 PM	0	0	5
5:00 PM	0	0	10
6:00 PM	0	1	5
7:00 PM	0	1	5
8:00 PM	0	2	4
9:00 PM	0	3	2
10:00 PM	0	0	1
11:00 PM	1	0	0
Totals	6	13	103

Vineyard Blvd and Palama St Red Light Violation Observation
29-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	1	0	0
1:00 AM	0	0	0
2:00 AM	0	0	3
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	1	0
6:00 AM	0	0	3
7:00 AM	0	1	6
8:00 AM	0	0	7
9:00 AM	0	0	5
10:00 AM	0	1	7
11:00 AM	0	0	11
12:00 PM	0	0	12
1:00 PM	0	0	13
2:00 PM	0	2	8
3:00 PM	0	1	8
4:00 PM	0	1	10
5:00 PM	0	1	12
6:00 PM	0	0	6
7:00 PM	0	0	3
8:00 PM	0	0	9
9:00 PM	0	1	2
10:00 PM	0	0	1
11:00 PM	0	0	1
Totals	1	9	127

Vineyard Blvd and Palama St Red Light Violation Observation
30-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	1	0	0
3:00 AM	0	0	1
4:00 AM	0	0	0
5:00 AM	0	0	1
6:00 AM	0	0	3
7:00 AM	0	2	8
8:00 AM	0	1	8
9:00 AM	0	0	2
10:00 AM	0	1	6
11:00 AM	2	0	5
12:00 PM	0	0	10
1:00 PM	1	0	3
2:00 PM	0	0	5
3:00 PM	0	2	5
4:00 PM	0	1	4
5:00 PM	0	0	12
6:00 PM	0	0	10
7:00 PM	0	0	9
8:00 PM	0	0	3
9:00 PM	0	0	2
10:00 PM	0	1	2
11:00 PM	0	0	1
Totals	4	8	100

Vineyard Blvd and Palama St Red Light Violation Observation
31-08-2022

Start Time	Vineyard Blvd at Palama St		
	NWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	1	0	1
5:00 AM	0	0	1
6:00 AM	0	0	1
7:00 AM	0	1	4
8:00 AM	0	1	3
9:00 AM	0	0	7
10:00 AM	0	1	7
11:00 AM	0	0	6
12:00 PM	0	0	13
1:00 PM	0	0	14
2:00 PM	0	1	8
3:00 PM	0	0	4
4:00 PM	0	2	6
5:00 PM	0	0	8
6:00 PM	0	0	9
7:00 PM	0	1	7
8:00 PM	0	0	3
9:00 PM	0	0	6
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	1	7	108

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
25-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	4	0	0	0
1:00 AM	0	0	3	0	0	0
2:00 AM	0	0	2	0	0	0
3:00 AM	0	0	1	1	0	0
4:00 AM	0	0	8	0	0	3
5:00 AM	0	1	16	0	0	7
6:00 AM	0	0	3	2	0	8
7:00 AM	0	5	8	0	0	4
8:00 AM	0	4	5	0	2	2
9:00 AM	0	1	8	0	1	4
10:00 AM	0	1	4	0	0	8
11:00 AM	0	0	3	0	1	5
12:00 PM	3	0	1	3	2	5
1:00 PM	1	2	6	7	1	6
2:00 PM	3	1	4	1	3	3
3:00 PM	1	7	14	0	0	8
4:00 PM	4	4	13	3	1	7
5:00 PM	3	0	8	8	0	4
6:00 PM	0	3	6	0	0	9
7:00 PM	0	0	3	0	0	7
8:00 PM	1	3	4	2	1	2
9:00 PM	0	0	8	1	0	2
10:00 PM	0	0	5	0	0	1
11:00 PM	0	1	6	1	1	0
Totals	16	33	143	29	13	95

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
26-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	4	0	0	0
1:00 AM	0	0	1	0	0	1
2:00 AM	0	0	0	0	0	0
3:00 AM	0	0	4	0	0	0
4:00 AM	0	0	9	0	0	7
5:00 AM	0	1	5	0	0	6
6:00 AM	0	0	5	3	1	9
7:00 AM	2	7	6	6	0	5
8:00 AM	0	3	8	0	0	8
9:00 AM	0	0	10	0	1	7
10:00 AM	0	0	6	1	0	6
11:00 AM	0	0	5	2	0	9
12:00 PM	1	1	4	4	1	9
1:00 PM	2	1	1	0	1	6
2:00 PM	0	3	6	0	0	4
3:00 PM	0	4	9	1	0	7
4:00 PM	0	3	12	2	0	3
5:00 PM	1	7	8	5	0	9
6:00 PM	1	5	5	3	0	7
7:00 PM	1	1	9	0	0	4
8:00 PM	0	1	9	0	0	4
9:00 PM	0	0	6	1	0	0
10:00 PM	1	1	6	0	0	1
11:00 PM	1	3	5	0	0	2
Totals	10	41	143	28	4	114

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
27-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	7	0	0	1
1:00 AM	0	0	3	0	0	0
2:00 AM	0	0	1	0	0	0
3:00 AM	1	0	1	0	0	0
4:00 AM	0	0	7	0	0	0
5:00 AM	0	0	9	0	1	1
6:00 AM	1	0	7	0	0	3
7:00 AM	0	0	4	1	0	7
8:00 AM	0	0	4	0	0	11
9:00 AM	0	2	5	0	0	14
10:00 AM	0	0	5	0	0	8
11:00 AM	2	1	2	0	1	11
12:00 PM	0	4	4	1	0	4
1:00 PM	0	3	2	0	0	5
2:00 PM	0	9	8	0	0	4
3:00 PM	0	9	6	0	0	4
4:00 PM	0	2	3	0	0	3
5:00 PM	0	3	4	0	0	3
6:00 PM	0	1	3	0	0	2
7:00 PM	0	0	4	0	0	3
8:00 PM	0	0	8	0	0	1
9:00 PM	0	0	8	1	0	3
10:00 PM	0	2	7	0	1	2
11:00 PM	0	0	5	0	0	2
Totals	4	36	117	3	3	92

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
28-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	1	4	0	0	0
1:00 AM	0	0	2	0	0	0
2:00 AM	0	1	3	1	0	1
3:00 AM	0	0	2	0	0	0
4:00 AM	0	0	2	0	0	0
5:00 AM	0	0	11	0	1	0
6:00 AM	0	0	1	0	0	1
7:00 AM	0	0	3	0	0	1
8:00 AM	2	0	5	0	0	2
9:00 AM	0	1	10	0	0	7
10:00 AM	0	1	9	0	0	7
11:00 AM	0	0	1	0	0	5
12:00 PM	1	0	5	0	0	3
1:00 PM	0	0	10	0	1	4
2:00 PM	0	3	3	0	0	2
3:00 PM	0	2	4	0	0	2
4:00 PM	0	0	5	0	0	1
5:00 PM	0	1	4	0	1	2
6:00 PM	0	2	1	0	0	2
7:00 PM	0	1	4	0	0	3
8:00 PM	0	3	1	0	0	2
9:00 PM	0	1	6	0	0	2
10:00 PM	0	0	1	0	0	0
11:00 PM	0	0	4	0	0	0
Totals	3	17	101	1	3	47

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
29-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	3	0	0	0
1:00 AM	0	0	2	0	0	0
2:00 AM	0	0	1	1	0	0
3:00 AM	0	0	2	0	0	0
4:00 AM	0	1	9	0	0	6
5:00 AM	0	1	7	0	1	8
6:00 AM	1	2	6	3	0	11
7:00 AM	0	0	11	0	0	4
8:00 AM	0	0	12	2	2	13
9:00 AM	0	0	8	3	1	13
10:00 AM	0	1	5	0	0	4
11:00 AM	0	0	4	2	1	6
12:00 PM	0	0	2	1	0	9
1:00 PM	1	0	2	0	0	8
2:00 PM	0	1	1	1	1	3
3:00 PM	3	3	7	1	0	3
4:00 PM	3	9	13	2	0	10
5:00 PM	0	6	8	2	0	6
6:00 PM	0	0	3	0	2	7
7:00 PM	0	0	4	1	1	0
8:00 PM	1	1	9	0	2	1
9:00 PM	0	1	1	1	0	1
10:00 PM	0	1	3	0	0	2
11:00 PM	0	1	2	0	0	0
Totals	9	28	125	20	11	115

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
30-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	3	0	0	0
1:00 AM	0	1	3	0	0	1
2:00 AM	0	0	0	0	0	0
3:00 AM	0	0	4	0	0	0
4:00 AM	0	0	6	0	0	7
5:00 AM	0	3	14	2	0	7
6:00 AM	0	0	12	5	1	3
7:00 AM	0	12	5	2	0	4
8:00 AM	1	1	10	1	2	7
9:00 AM	0	0	12	2	0	8
10:00 AM	0	1	3	1	1	6
11:00 AM	0	0	2	4	1	6
12:00 PM	1	1	4	0	2	5
1:00 PM	0	1	3	0	0	7
2:00 PM	1	3	7	0	2	7
3:00 PM	4	1	9	0	0	6
4:00 PM	3	4	4	2	2	5
5:00 PM	0	7	7	3	0	6
6:00 PM	3	1	6	2	0	6
7:00 PM	0	1	5	4	2	2
8:00 PM	0	0	6	1	1	6
9:00 PM	2	0	9	0	0	0
10:00 PM	0	1	8	0	2	1
11:00 PM	1	0	3	0	0	0
Totals	16	38	145	29	16	100

S Vineyard Blvd and Pali Hwy Red Light Violation Observation
31-08-2022

Start Time	Vineyard Blvd at Pali Hwy					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	1	0	0	0	0
1:00 AM	0	0	0	1	0	0
2:00 AM	0	0	2	0	0	0
3:00 AM	0	0	6	1	0	0
4:00 AM	0	0	8	1	0	5
5:00 AM	0	1	19	0	1	9
6:00 AM	0	1	13	6	2	5
7:00 AM	0	12	5	9	1	2
8:00 AM	0	6	8	8	1	9
9:00 AM	1	4	8	14	0	10
10:00 AM	0	0	7	5	0	8
11:00 AM	0	2	0	15	0	4
12:00 PM	2	5	3	6	0	14
1:00 PM	3	1	6	3	2	5
2:00 PM	0	3	0	1	0	7
3:00 PM	2	7	9	4	1	8
4:00 PM	1	10	11	6	1	4
5:00 PM	0	9	5	6	0	9
6:00 PM	3	0	9	1	0	8
7:00 PM	0	0	3	2	0	8
8:00 PM	2	0	3	0	0	4
9:00 PM	1	2	3	1	0	0
10:00 PM	0	3	7	0	0	1
11:00 PM	0	1	8	0	0	1
Totals	15	68	143	90	9	121

Ward Ave and S King St Red Light Violation Observation
25-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	1	0	0	0
1:00 AM	0	0	0	1	0	0
2:00 AM	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0
4:00 AM	0	0	6	0	0	0
5:00 AM	0	0	20	0	0	0
6:00 AM	0	0	2	0	2	0
7:00 AM	0	0	5	0	2	0
8:00 AM	0	0	4	0	1	0
9:00 AM	0	0	14	1	2	0
10:00 AM	0	0	17	2	0	0
11:00 AM	0	0	29	0	0	0
12:00 PM	0	0	25	2	4	0
1:00 PM	0	0	20	7	1	0
2:00 PM	0	0	12	5	7	0
3:00 PM	0	0	24	2	14	0
4:00 PM	0	1	32	6	8	0
5:00 PM	0	0	25	2	14	0
6:00 PM	0	1	23	0	1	0
7:00 PM	0	0	23	0	4	0
8:00 PM	0	0	7	0	1	0
9:00 PM	0	0	4	0	0	0
10:00 PM	0	0	2	0	1	0
11:00 PM	0	0	1	0	0	0
Totals	0	2	296	28	62	0

Ward Ave and S King St Red Light Violation Observation
26-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	1	0	1	0
1:00 AM	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0
3:00 AM	0	1	0	0	0	0
4:00 AM	0	0	3	0	0	0
5:00 AM	0	0	15	0	2	0
6:00 AM	0	0	6	0	4	0
7:00 AM	0	0	5	2	11	0
8:00 AM	0	0	14	1	8	0
9:00 AM	0	0	26	0	2	0
10:00 AM	0	0	15	0	4	0
11:00 AM	0	1	19	0	4	0
12:00 PM	0	0	21	0	5	0
1:00 PM	0	1	26	0	8	0
2:00 PM	0	1	23	0	2	0
3:00 PM	0	0	32	1	6	0
4:00 PM	0	0	37	1	11	0
5:00 PM	0	0	36	0	4	0
6:00 PM	0	0	39	1	2	0
7:00 PM	0	0	38	1	2	0
8:00 PM	0	0	22	1	0	0
9:00 PM	0	0	16	0	1	0
10:00 PM	0	0	9	1	1	0
11:00 PM	0	0	6	0	0	0
Totals	0	4	409	9	78	0

Ward Ave and S King St Red Light Violation Observation
27-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	2	0	2	0
1:00 AM	0	0	1	0	0	0
2:00 AM	0	0	1	1	4	0
3:00 AM	0	0	1	0	1	0
4:00 AM	0	0	3	0	0	0
5:00 AM	0	0	12	0	0	0
6:00 AM	0	0	19	0	0	0
7:00 AM	0	0	26	0	0	0
8:00 AM	0	0	29	1	2	0
9:00 AM	0	2	32	1	3	0
10:00 AM	0	0	30	1	2	0
11:00 AM	0	0	31	1	1	0
12:00 PM	0	1	41	1	3	0
1:00 PM	0	0	42	0	0	0
2:00 PM	0	0	23	0	1	0
3:00 PM	0	0	37	0	1	0
4:00 PM	0	0	29	0	2	0
5:00 PM	0	2	38	0	1	0
6:00 PM	0	0	46	0	2	0
7:00 PM	0	2	37	0	3	0
8:00 PM	0	0	34	0	2	0
9:00 PM	0	0	20	0	3	0
10:00 PM	0	0	15	0	1	0
11:00 PM	0	0	7	1	3	0
Totals	0	7	556	7	37	0

Ward Ave and S King St Red Light Violation Observation
28-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	2	0	0	0
1:00 AM	0	0	0	0	1	0
2:00 AM	0	0	3	0	1	0
3:00 AM	0	0	1	0	1	0
4:00 AM	0	0	0	0	0	0
5:00 AM	0	0	6	0	0	0
6:00 AM	0	0	11	0	2	0
7:00 AM	0	0	19	2	3	0
8:00 AM	0	0	27	0	0	0
9:00 AM	0	0	34	0	1	0
10:00 AM	0	0	39	0	2	0
11:00 AM	0	0	34	1	0	0
12:00 PM	0	0	36	0	1	0
1:00 PM	0	0	34	0	3	0
2:00 PM	0	0	24	0	3	0
3:00 PM	0	0	32	0	3	0
4:00 PM	0	1	37	0	4	0
5:00 PM	0	0	28	0	2	0
6:00 PM	0	0	22	3	2	0
7:00 PM	0	0	18	0	1	0
8:00 PM	0	1	7	0	3	0
9:00 PM	0	0	8	0	2	0
10:00 PM	0	0	1	0	1	0
11:00 PM	0	0	3	0	0	0
Totals	0	2	426	6	36	0

Ward Ave and S King St Red Light Violation Observation
29-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	2	0	0	0
1:00 AM	0	0	1	0	0	0
2:00 AM	0	0	1	1	0	0
3:00 AM	0	0	1	0	1	0
4:00 AM	0	0	4	0	0	0
5:00 AM	0	0	22	0	0	0
6:00 AM	0	0	8	0	2	0
7:00 AM	0	0	15	1	11	0
8:00 AM	0	0	25	2	7	0
9:00 AM	0	0	35	1	5	0
10:00 AM	0	0	34	2	2	0
11:00 AM	0	0	25	2	5	0
12:00 PM	0	0	24	4	6	0
1:00 PM	0	0	22	1	4	0
2:00 PM	0	0	19	7	12	0
3:00 PM	0	0	24	2	8	0
4:00 PM	0	0	33	3	12	0
5:00 PM	0	0	26	4	8	0
6:00 PM	0	0	37	1	3	0
7:00 PM	0	0	25	2	3	0
8:00 PM	0	0	11	1	1	0
9:00 PM	0	1	5	0	1	0
10:00 PM	0	0	2	1	1	0
11:00 PM	0	1	2	1	1	0
Totals	0	2	403	36	93	0

Ward Ave and S King St Red Light Violation Observation
30-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	3	0	0	0
1:00 AM	0	0	0	0	0	0
2:00 AM	0	0	1	0	0	0
3:00 AM	0	0	0	1	0	0
4:00 AM	0	0	2	0	1	0
5:00 AM	0	0	27	0	2	0
6:00 AM	0	0	5	1	0	0
7:00 AM	0	1	4	2	15	0
8:00 AM	0	0	14	2	5	0
9:00 AM	0	0	21	1	3	0
10:00 AM	0	0	23	0	0	0
11:00 AM	0	0	20	0	2	0
12:00 PM	0	0	32	1	0	0
1:00 PM	0	0	27	0	4	0
2:00 PM	0	0	34	0	7	0
3:00 PM	0	0	27	2	7	0
4:00 PM	0	0	37	1	3	0
5:00 PM	0	0	27	1	7	0
6:00 PM	0	0	34	0	3	0
7:00 PM	0	0	26	3	2	0
8:00 PM	0	0	15	2	2	0
9:00 PM	0	0	7	0	2	0
10:00 PM	0	0	2	0	1	0
11:00 PM	0	0	0	0	1	0
Totals	0	1	388	17	67	0

Ward Ave and S King St Red Light Violation Observation
31-08-2022

Start Time	Ward Ave at S King St					
	SB			EB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0
3:00 AM	0	0	1	0	0	0
4:00 AM	0	0	1	0	0	0
5:00 AM	0	1	16	0	0	0
6:00 AM	0	0	13	1	1	0
7:00 AM	0	0	11	1	8	0
8:00 AM	0	0	25	2	7	0
9:00 AM	0	0	27	3	5	0
10:00 AM	0	0	22	2	7	0
11:00 AM	0	0	29	5	7	0
12:00 PM	0	0	20	1	5	0
1:00 PM	0	0	27	0	2	0
2:00 PM	0	0	23	0	3	0
3:00 PM	0	0	26	1	2	0
4:00 PM	0	0	24	1	8	0
5:00 PM	0	0	21	1	11	0
6:00 PM	0	0	41	1	4	0
7:00 PM	0	0	19	2	3	0
8:00 PM	0	0	11	3	3	0
9:00 PM	0	0	8	1	3	0
10:00 PM	0	0	4	1	0	0
11:00 PM	0	0	3	0	2	0
Totals	0	1	372	26	81	0

N Vineyard Blvd and Liliha St Red Light Violation Observation
19-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	4	1	1	1
1:00 AM	0	0	3	0	0	1
2:00 AM	2	0	0	0	0	0
3:00 AM	0	0	3	0	0	1
4:00 AM	0	0	5	0	0	3
5:00 AM	0	0	7	0	0	3
6:00 AM	1	7	13	0	0	3
7:00 AM	7	10	10	4	1	6
8:00 AM	5	1	16	2	1	7
9:00 AM	0	0	5	0	1	5
10:00 AM	4	0	14	2	1	4
11:00 AM	0	0	8	2	1	8
12:00 PM	0	0	5	1	0	3
1:00 PM	1	0	6	1	0	5
2:00 PM	1	0	4	1	1	12
3:00 PM	0	1	3	1	0	6
4:00 PM	0	0	6	2	1	4
5:00 PM	1	0	4	0	1	1
6:00 PM	0	0	6	2	0	9
7:00 PM	0	0	12	0	0	1
8:00 PM	1	0	8	0	0	3
9:00 PM	0	0	9	2	1	3
10:00 PM	0	0	10	0	1	2
11:00 PM	0	0	8	1	1	3
Totals	23	19	169	22	12	94

N Vineyard Blvd and Liliha St Red Light Violation Observation
20-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	1	8	0	0	3
1:00 AM	0	0	5	0	0	2
2:00 AM	0	1	3	0	0	1
3:00 AM	0	0	4	0	0	2
4:00 AM	0	0	9	0	0	3
5:00 AM	0	1	8	0	0	6
6:00 AM	0	0	9	1	0	2
7:00 AM	6	0	12	0	0	11
8:00 AM	6	0	6	1	1	6
9:00 AM	2	0	8	0	0	3
10:00 AM	0	0	3	0	0	3
11:00 AM	0	0	10	0	0	4
12:00 PM	5	2	17	2	0	16
1:00 PM	3	1	22	1	0	18
2:00 PM	1	4	21	2	1	14
3:00 PM	4	1	7	1	1	10
4:00 PM	2	3	12	1	0	14
5:00 PM	2	1	15	0	2	16
6:00 PM	3	0	12	0	0	7
7:00 PM	0	0	21	0	0	5
8:00 PM	0	0	10	0	0	2
9:00 PM	1	1	15	0	0	7
10:00 PM	0	0	13	0	0	5
11:00 PM	0	0	8	0	0	3
Totals	35	16	258	9	5	163

N Vineyard Blvd and Liliha St Red Light Violation Observation

21-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	2	0	7	0	0	4
1:00 AM	0	0	2	1	0	1
2:00 AM	0	0	1	0	0	0
3:00 AM	0	0	0	0	0	1
4:00 AM	0	0	1	0	0	0
5:00 AM	0	0	0	0	0	2
6:00 AM	0	0	14	0	0	2
7:00 AM	0	0	12	0	0	4
8:00 AM	0	0	24	1	0	11
9:00 AM	1	0	15	1	0	10
10:00 AM	8	4	31	2	0	13
11:00 AM	12	0	34	0	0	19
12:00 PM	7	1	22	3	0	7
1:00 PM	6	1	21	2	0	5
2:00 PM	2	0	19	0	0	4
3:00 PM	2	1	16	0	2	6
4:00 PM	2	3	8	0	0	7
5:00 PM	1	1	15	0	0	5
6:00 PM	0	1	16	0	1	10
7:00 PM	2	0	15	0	0	5
8:00 PM	0	1	6	0	0	5
9:00 PM	0	2	13	0	0	9
10:00 PM	1	2	19	0	0	5
11:00 PM	0	1	7	0	1	2
Totals	46	18	318	10	4	137

N Vineyard Blvd and Liliha St Red Light Violation Observation

22-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	1	11	0	1	1
1:00 AM	0	0	7	0	0	4
2:00 AM	0	0	6	0	0	2
3:00 AM	0	0	3	0	1	0
4:00 AM	0	0	3	0	0	2
5:00 AM	0	0	6	0	0	2
6:00 AM	2	2	9	0	1	9
7:00 AM	3	0	11	1	0	4
8:00 AM	1	3	16	1	1	9
9:00 AM	1	2	26	0	0	18
10:00 AM	2	3	32	3	0	18
11:00 AM	3	3	18	0	1	10
12:00 PM	4	0	19	2	0	9
1:00 PM	0	0	15	0	0	7
2:00 PM	0	0	17	0	0	8
3:00 PM	1	0	20	0	0	9
4:00 PM	0	0	15	0	0	3
5:00 PM	0	0	11	0	0	7
6:00 PM	0	0	9	0	1	2
7:00 PM	0	1	4	0	0	9
8:00 PM	1	0	11	0	0	3
9:00 PM	1	0	6	0	0	3
10:00 PM	1	0	12	0	0	5
11:00 PM	0	0	16	0	0	4
Totals	20	15	303	7	6	148

N Vineyard Blvd and Liliha St Red Light Violation Observation

23-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	9	1	0	4
1:00 AM	0	0	6	1	0	1
2:00 AM	0	0	1	0	0	0
3:00 AM	0	1	0	0	0	2
4:00 AM	2	0	3	0	0	2
5:00 AM	0	1	9	0	1	1
6:00 AM	2	0	4	0	0	0
7:00 AM	3	5	15	0	0	8
8:00 AM	3	0	11	3	0	6
9:00 AM	0	1	6	0	0	3
10:00 AM	2	1	7	0	1	3
11:00 AM	1	3	18	1	0	3
12:00 PM	0	2	7	1	1	10
1:00 PM	1	1	18	0	0	13
2:00 PM	6	1	8	0	1	9
3:00 PM	2	4	18	0	0	8
4:00 PM	1	3	7	0	0	12
5:00 PM	3	2	3	0	1	7
6:00 PM	0	0	7	1	0	3
7:00 PM	0	1	18	0	0	5
8:00 PM	1	2	9	0	0	9
9:00 PM	1	1	9	0	0	3
10:00 PM	0	1	10	0	1	2
11:00 PM	0	0	11	0	0	0
Totals	28	30	214	8	6	114

N Vineyard Blvd and Liliha St Red Light Violation Observation
24-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	1	10	0	0	3
1:00 AM	0	0	8	0	0	0
2:00 AM	0	0	4	0	0	2
3:00 AM	1	0	6	0	0	1
4:00 AM	0	0	6	0	0	4
5:00 AM	0	0	12	0	0	4
6:00 AM	6	0	12	0	0	5
7:00 AM	7	1	12	0	2	8
8:00 AM	1	2	15	3	1	10
9:00 AM	1	0	6	0	0	7
10:00 AM	0	0	12	0	1	5
11:00 AM	2	0	7	0	0	16
12:00 PM	0	0	8	0	0	5
1:00 PM	0	0	7	1	0	12
2:00 PM	0	1	14	0	1	3
3:00 PM	0	2	4	0	0	6
4:00 PM	1	1	6	0	0	3
5:00 PM	0	1	5	0	0	5
6:00 PM	1	0	6	0	0	9
7:00 PM	2	0	9	0	0	7
8:00 PM	0	0	9	0	0	3
9:00 PM	0	1	12	0	0	3
10:00 PM	0	0	12	0	0	1
11:00 PM	0	0	7	0	0	4
Totals	22	10	209	4	5	126

N Vineyard Blvd and Liliha St Red Light Violation Observation
25-05-2022

Start Time	Vineyard Blvd at Liliha St					
	SEB			NWB		
	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	7	0	0	2
1:00 AM	0	0	5	0	0	0
2:00 AM	0	0	1	0	0	0
3:00 AM	0	0	4	0	0	3
4:00 AM	1	0	1	0	0	1
5:00 AM	0	2	10	0	0	3
6:00 AM	2	0	14	1	1	7
7:00 AM	4	0	8	0	0	10
8:00 AM	6	1	9	0	0	14
9:00 AM	2	0	10	0	1	4
10:00 AM	0	0	16	0	0	7
11:00 AM	2	0	10	1	0	5
12:00 PM	1	0	4	1	0	15
1:00 PM	0	0	11	0	0	6
2:00 PM	0	1	4	0	0	9
3:00 PM	1	3	8	0	0	8
4:00 PM	0	8	7	0	1	8
5:00 PM	1	3	3	0	0	3
6:00 PM	1	0	7	0	0	16
7:00 PM	2	2	32	0	0	24
8:00 PM	1	1	19	0	0	14
9:00 PM	2	0	7	0	0	12
10:00 PM	0	1	8	0	0	11
11:00 PM	2	0	16	0	0	6
Totals	28	22	221	3	3	188

S School St and Pali Hwy Red Light Violation Observation
19-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	2	0
6:00 AM	0	3	0
7:00 AM	0	1	0
8:00 AM	0	1	0
9:00 AM	0	0	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	0	0	0
3:00 PM	0	0	0
4:00 PM	1	0	0
5:00 PM	0	0	0
6:00 PM	0	0	0
7:00 PM	0	0	0
8:00 PM	0	0	0
9:00 PM	0	0	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	1	7	0

S School St and Pali Hwy Red Light Violation Observation
20-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	1	0
5:00 AM	0	1	0
6:00 AM	0	0	0
7:00 AM	0	4	0
8:00 AM	0	0	0
9:00 AM	0	0	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	1	0	0
3:00 PM	0	0	0
4:00 PM	0	0	0
5:00 PM	0	1	0
6:00 PM	0	0	0
7:00 PM	0	0	0
8:00 PM	0	0	0
9:00 PM	1	0	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	2	7	0

S School St and Pali Hwy Red Light Violation Observation
21-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	0	0
8:00 AM	1	0	0
9:00 AM	0	1	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	0	0	0
3:00 PM	0	0	0
4:00 PM	0	0	0
5:00 PM	0	0	0
6:00 PM	0	0	0
7:00 PM	0	0	0
8:00 PM	0	0	0
9:00 PM	0	0	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	1	1	0

S School St and Pali Hwy Red Light Violation Observation
22-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	0	0
8:00 AM	0	0	0
9:00 AM	0	0	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	0	1	0
3:00 PM	0	0	0
4:00 PM	0	0	0
5:00 PM	0	1	0
6:00 PM	0	0	0
7:00 PM	0	2	0
8:00 PM	0	1	0
9:00 PM	0	0	0
10:00 PM	0	1	0
11:00 PM	0	0	0
Totals	0	6	0

S School St and Pali Hwy Red Light Violation Observation
23-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	0	0
8:00 AM	0	0	0
9:00 AM	0	0	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	0	0	0
3:00 PM	0	0	0
4:00 PM	0	0	0
5:00 PM	0	0	0
6:00 PM	0	2	0
7:00 PM	0	0	0
8:00 PM	0	0	0
9:00 PM	0	3	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	0	5	0

S School St and Pali Hwy Red Light Violation Observation
24-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	1	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	1	0
7:00 AM	0	0	0
8:00 AM	0	0	0
9:00 AM	0	0	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	0	0	0
3:00 PM	0	0	0
4:00 PM	0	0	0
5:00 PM	0	0	0
6:00 PM	0	0	0
7:00 PM	0	1	0
8:00 PM	0	0	0
9:00 PM	0	0	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	1	2	0

S School St and Pali Hwy Red Light Violation Observation
25-05-2022

Start Time	Pali Hwy at S School St		
	SWB		
	Left	Thru	Right
12:00 AM	1	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	1	0
4:00 AM	0	0	0
5:00 AM	0	2	0
6:00 AM	0	2	0
7:00 AM	0	0	0
8:00 AM	0	0	0
9:00 AM	0	0	0
10:00 AM	0	0	0
11:00 AM	0	0	0
12:00 PM	0	0	0
1:00 PM	0	0	0
2:00 PM	0	1	0
3:00 PM	0	1	0
4:00 PM	0	0	0
5:00 PM	1	1	0
6:00 PM	0	0	0
7:00 PM	0	1	0
8:00 PM	0	0	0
9:00 PM	0	0	0
10:00 PM	0	0	0
11:00 PM	1	0	0
Totals	3	9	0

Likeline Hwy and N School St Red Light Violation Observation
25-08-2022

Start Time	Likeline Hwy at N School St											
	NEB			SWB			SEB			NWB		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	0	0	0	0	0	0	10	1	0	2
1:00 AM	0	2	0	0	0	0	0	0	6	1	2	2
2:00 AM	0	1	0	0	0	0	0	1	3	0	0	1
3:00 AM	0	1	0	0	0	0	0	0	8	0	0	1
4:00 AM	0	2	0	0	0	0	0	0	15	0	0	7
5:00 AM	0	1	0	0	1	0	0	0	18	0	0	4
6:00 AM	2	4	0	0	5	0	0	0	17	0	0	9
7:00 AM	3	3	0	2	8	0	0	4	11	0	0	10
8:00 AM	2	6	0	0	4	0	0	5	25	0	0	13
9:00 AM	0	2	0	0	1	0	0	0	21	0	0	17
10:00 AM	2	2	0	0	1	0	0	0	27	0	0	7
11:00 AM	0	1	0	0	1	0	0	1	15	1	1	16
12:00 PM	0	4	0	0	0	0	0	0	23	1	0	7
1:00 PM	0	2	0	0	0	0	0	0	15	0	1	5
2:00 PM	5	3	0	0	0	0	0	3	28	2	0	4
3:00 PM	1	2	0	0	0	0	0	2	19	2	1	11
4:00 PM	1	5	0	0	0	0	0	5	18	3	1	6
5:00 PM	1	3	0	0	0	0	0	2	13	1	3	11
6:00 PM	0	1	0	0	0	0	0	0	31	9	1	4
7:00 PM	0	0	0	1	0	0	0	0	20	1	1	5
8:00 PM	1	0	0	0	0	0	0	0	17	1	0	7
9:00 PM	1	4	0	0	0	0	0	0	13	1	0	5
10:00 PM	0	2	0	0	1	0	0	1	8	1	0	5
11:00 PM	1	1	0	0	0	0	0	0	14	1	0	5
Totals	20	52	0	3	22	0	0	24	395	26	11	164

Likeline Hwy and N School St Red Light Violation Observation
26-08-2022

Start Time	Likeline Hwy at N School St											
	NEB			SWB			SEB			NWB		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	2	0	0	0	0	0	1	12	0	0	8
1:00 AM	1	0	0	0	1	0	0	0	9	0	1	5
2:00 AM	2	0	0	0	0	0	0	0	6	0	1	3
3:00 AM	2	3	0	0	0	0	0	0	8	0	0	2
4:00 AM	0	4	0	0	0	0	0	0	5	0	0	3
5:00 AM	0	2	0	0	0	0	0	0	15	0	0	7
6:00 AM	0	4	0	0	1	0	0	0	29	5	0	8
7:00 AM	1	2	0	1	2	0	0	0	20	8	1	16
8:00 AM	0	3	0	1	3	0	0	0	30	3	0	19
9:00 AM	0	1	0	0	0	0	0	1	30	0	0	10
10:00 AM	0	0	0	0	1	0	0	1	53	1	0	7
11:00 AM	0	1	0	1	0	0	0	1	32	0	0	7
12:00 PM	0	1	0	0	1	0	0	2	42	0	0	7
1:00 PM	0	2	0	0	0	0	0	1	26	0	2	10
2:00 PM	0	1	0	1	0	0	0	7	36	0	0	7
3:00 PM	0	2	0	1	1	0	0	2	27	0	2	14
4:00 PM	0	5	0	0	1	0	0	8	10	0	1	15
5:00 PM	0	5	0	2	0	0	0	4	13	0	1	9
6:00 PM	0	0	0	0	2	0	0	4	28	3	0	7
7:00 PM	0	1	0	0	0	0	0	0	30	9	0	4
8:00 PM	0	0	0	0	1	0	0	1	11	3	0	5
9:00 PM	0	1	0	0	1	0	0	0	19	3	0	4
10:00 PM	0	0	0	0	1	0	0	1	14	7	0	3
11:00 PM	0	1	0	0	0	0	0	0	17	0	3	6
Totals	6	41	0	7	16	0	0	34	522	42	12	186

Likelylike Hwy and N School St Red Light Violation Observation
27-08-2022

	Likelylike Hwy at N School St											
	NEB			SWB			SEB			NWB		
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	2	0	0	0	0	0	0	17	0	1	4
1:00 AM	0	2	0	0	0	0	0	1	18	0	0	4
2:00 AM	1	1	0	0	2	0	0	1	15	0	1	7
3:00 AM	0	1	0	0	1	0	0	0	16	0	0	5
4:00 AM	0	0	0	0	1	0	0	0	13	0	0	5
5:00 AM	0	1	0	0	4	0	0	0	21	1	0	2
6:00 AM	0	3	0	0	0	0	0	0	24	0	0	8
7:00 AM	0	3	0	0	0	0	0	0	27	0	0	9
8:00 AM	0	0	0	0	0	0	0	1	25	0	0	11
9:00 AM	0	0	0	0	0	0	0	2	41	0	2	10
10:00 AM	0	0	0	0	0	0	0	1	27	0	0	6
11:00 AM	0	0	0	0	0	0	0	1	33	0	0	11
12:00 PM	0	0	0	0	1	0	0	0	17	4	0	6
1:00 PM	1	3	0	0	0	0	0	0	30	2	0	18
2:00 PM	0	2	0	0	2	0	0	1	27	6	0	11
3:00 PM	0	4	0	0	0	0	0	0	25	0	1	10
4:00 PM	0	5	0	0	0	0	0	0	14	0	0	5
5:00 PM	0	3	0	0	0	0	0	2	15	0	0	5
6:00 PM	0	5	0	1	1	0	0	0	17	0	0	23
7:00 PM	0	2	0	0	0	0	0	0	16	1	0	5
8:00 PM	0	2	0	0	2	0	0	0	9	0	0	10
9:00 PM	0	3	0	0	2	0	0	0	13	0	0	13
10:00 PM	0	0	0	0	0	0	1	0	21	0	0	8
11:00 PM	0	3	0	1	2	0	0	0	14	1	1	6
Totals	2	45	0	2	18	0	1	10	495	15	6	202

Likeline Hwy and N School St Red Light Violation Observation
28-08-2022

Start Time	Likeline Hwy at N School St											
	NEB			SWB			SEB			NWB		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	1	3	0	1	1	0	0	0	5	0	0	8
1:00 AM	0	3	0	0	0	0	0	1	17	0	0	7
2:00 AM	0	1	0	0	0	0	0	0	11	0	0	8
3:00 AM	0	1	0	0	0	0	0	0	3	0	0	4
4:00 AM	0	0	0	0	0	0	0	0	12	1	0	3
5:00 AM	1	1	0	1	0	0	0	0	14	1	0	6
6:00 AM	1	0	0	0	3	0	0	0	22	0	0	7
7:00 AM	0	5	0	1	0	0	0	1	23	0	0	6
8:00 AM	0	1	0	1	0	0	0	1	20	0	0	10
9:00 AM	0	2	0	0	1	0	0	1	13	0	1	9
10:00 AM	0	1	0	0	1	0	0	0	20	0	1	11
11:00 AM	0	1	0	0	0	0	0	0	15	0	0	9
12:00 PM	0	1	0	2	0	0	0	0	32	0	1	4
1:00 PM	2	1	0	0	0	0	0	1	19	0	0	9
2:00 PM	1	0	0	0	3	0	0	2	28	0	0	5
3:00 PM	0	3	0	0	0	0	0	0	24	0	1	1
4:00 PM	0	2	0	0	2	0	0	0	19	0	0	7
5:00 PM	0	3	0	0	0	0	0	1	11	0	0	5
6:00 PM	2	4	0	0	0	0	0	1	24	0	1	5
7:00 PM	0	2	0	0	0	0	0	1	17	0	2	9
8:00 PM	0	2	0	0	0	0	0	0	19	0	1	2
9:00 PM	1	4	0	0	0	0	0	0	26	0	0	5
10:00 PM	0	2	0	0	0	0	0	0	22	0	1	10
11:00 PM	0	2	0	0	0	0	0	0	26	0	0	13
Totals	9	45	0	6	11	0	0	10	442	2	9	163

Likelylike Hwy and N School St Red Light Violation Observation
29-08-2022

Start Time	Likelylike Hwy at N School St											
	NEB			SWB			SEB			NWB		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	0	0	0	1	0	0	0	8	0	0	1
1:00 AM	1	0	0	0	0	0	0	0	6	0	1	2
2:00 AM	0	0	0	0	0	0	0	0	11	0	0	2
3:00 AM	0	0	0	0	1	0	0	0	11	0	1	0
4:00 AM	0	0	0	0	1	0	0	0	9	1	1	1
5:00 AM	0	1	0	0	0	0	0	0	23	0	0	5
6:00 AM	2	3	0	0	1	0	0	1	28	0	0	3
7:00 AM	3	3	0	3	2	0	0	6	26	0	0	12
8:00 AM	3	1	0	0	0	0	0	4	23	0	0	3
9:00 AM	0	3	0	0	1	0	0	2	18	0	1	5
10:00 AM	0	3	0	0	0	0	0	0	23	0	0	5
11:00 AM	0	3	0	0	0	0	0	0	24	0	0	4
12:00 PM	0	7	0	0	0	0	1	0	15	0	1	11
1:00 PM	2	2	0	0	0	0	0	0	13	0	0	21
2:00 PM	4	7	0	1	1	0	0	3	29	0	0	13
3:00 PM	4	5	0	0	3	0	0	2	19	0	0	10
4:00 PM	2	7	0	0	3	0	1	3	12	0	1	9
5:00 PM	6	8	0	0	0	0	1	3	7	0	0	15
6:00 PM	0	1	0	0	1	0	0	1	29	0	0	2
7:00 PM	0	2	0	0	0	0	1	1	18	0	2	4
8:00 PM	3	0	0	0	2	0	1	1	22	0	0	5
9:00 PM	2	4	0	0	0	0	0	0	19	0	1	8
10:00 PM	1	3	0	0	0	0	0	1	21	0	3	8
11:00 PM	0	1	0	0	0	0	0	1	19	0	0	9
Totals	33	64	0	4	17	0	5	29	433	1	12	158

Likeline Hwy and N School St Red Light Violation Observation
30-08-2022

Start Time	Likeline Hwy at N School St											
	NEB			SWB			SEB			NWB		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	1	0	0	0	0	0	0	14	0	0	8
1:00 AM	0	3	0	0	0	0	0	0	7	0	0	10
2:00 AM	0	2	0	0	1	0	0	0	12	0	0	1
3:00 AM	0	1	0	0	1	0	0	0	9	0	0	4
4:00 AM	2	1	0	0	4	0	0	0	15	0	0	2
5:00 AM	1	2	0	0	0	0	0	0	18	0	2	4
6:00 AM	0	2	0	2	7	0	0	1	27	1	0	7
7:00 AM	2	2	0	6	2	0	0	7	21	0	0	11
8:00 AM	3	1	0	0	0	0	0	1	18	0	0	9
9:00 AM	0	2	0	0	3	0	0	1	22	0	0	13
10:00 AM	0	1	0	0	2	0	0	1	11	0	0	7
11:00 AM	3	2	0	0	1	0	0	1	29	0	1	11
12:00 PM	0	1	0	0	0	0	0	2	14	0	1	7
1:00 PM	0	0	0	1	0	0	0	3	17	0	0	12
2:00 PM	2	2	0	0	2	0	0	1	20	0	0	11
3:00 PM	0	0	0	0	2	0	0	3	17	0	0	14
4:00 PM	0	0	0	0	0	0	0	4	25	0	1	13
5:00 PM	0	1	0	1	0	0	0	1	7	0	0	13
6:00 PM	4	5	0	0	0	0	0	1	23	0	1	8
7:00 PM	1	0	0	0	0	0	0	0	17	0	0	3
8:00 PM	1	4	0	0	0	0	0	0	26	0	0	4
9:00 PM	0	3	0	0	1	0	0	0	21	1	1	6
10:00 PM	1	1	0	0	0	0	0	0	17	0	0	3
11:00 PM	1	2	0	0	0	0	0	0	21	1	1	7
Totals	21	39	0	10	26	0	0	27	428	3	8	188

Likelike Hwy and N School St Red Light Violation Observation

31-08-2022

Start Time	Likelike Hwy at N School St											
	NEB			SWB			SEB			NWB		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
12:00 AM	0	2	0	0	1	0	1	0	8	0	0	3
1:00 AM	0	0	0	0	0	0	0	0	8	1	1	0
2:00 AM	0	0	0	0	0	0	0	0	5	0	0	2
3:00 AM	0	0	0	0	0	0	0	0	11	0	1	2
4:00 AM	1	0	0	0	0	0	0	0	13	0	0	6
5:00 AM	0	0	0	0	0	0	0	0	18	4	0	8
6:00 AM	1	0	0	0	2	0	0	0	23	0	0	8
7:00 AM	0	0	0	0	0	0	0	3	25	0	1	19
8:00 AM	0	0	0	0	0	0	0	1	14	0	1	3
9:00 AM	0	0	0	0	0	0	0	1	28	0	0	14
10:00 AM	0	0	0	0	0	0	0	1	25	0	0	7
11:00 AM	0	0	0	0	0	0	0	3	27	0	0	11
12:00 PM	0	0	0	1	0	0	0	3	30	0	0	7
1:00 PM	0	2	0	0	1	0	0	3	35	0	0	7
2:00 PM	0	0	0	0	0	0	0	4	40	0	0	6
3:00 PM	0	0	0	0	0	0	0	0	43	0	0	6
4:00 PM	0	0	0	0	0	0	0	6	21	0	0	8
5:00 PM	0	0	0	0	0	0	0	4	11	0	1	5
6:00 PM	0	0	0	0	1	0	0	1	14	0	0	7
7:00 PM	0	3	0	0	1	0	0	0	26	3	3	4
8:00 PM	0	2	0	0	0	0	0	1	15	1	0	8
9:00 PM	0	1	0	0	1	0	0	1	15	3	0	4
10:00 PM	0	1	0	0	0	0	0	1	14	1	0	2
11:00 PM	0	0	0	0	2	0	0	2	16	0	2	2
Totals	2	11	0	1	9	0	1	35	485	13	10	149

McCully St and Algaroba St Red Light Violation Observation
25-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	1	0
8:00 AM	0	1	0
9:00 AM	0	5	0
10:00 AM	0	5	0
11:00 AM	0	1	0
12:00 PM	0	3	2
1:00 PM	0	2	2
2:00 PM	0	1	3
3:00 PM	0	1	1
4:00 PM	0	1	1
5:00 PM	1	1	1
6:00 PM	0	2	2
7:00 PM	0	3	0
8:00 PM	0	0	1
9:00 PM	0	0	0
10:00 PM	0	0	1
11:00 PM	0	0	0
Totals	1	27	14

McCully St and Algaroba St Red Light Violation Observation
26-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	1
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	1	0
6:00 AM	0	0	0
7:00 AM	0	0	0
8:00 AM	0	1	0
9:00 AM	0	4	0
10:00 AM	0	2	2
11:00 AM	0	8	0
12:00 PM	0	5	1
1:00 PM	0	3	1
2:00 PM	0	7	1
3:00 PM	0	8	1
4:00 PM	0	2	0
5:00 PM	0	2	3
6:00 PM	1	2	1
7:00 PM	0	1	0
8:00 PM	0	0	0
9:00 PM	0	3	0
10:00 PM	0	0	2
11:00 PM	0	0	0
Totals	1	49	13

McCully St and Algaroba St Red Light Violation Observation
27-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	2
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	5	0
8:00 AM	0	1	1
9:00 AM	0	4	1
10:00 AM	0	3	0
11:00 AM	1	3	1
12:00 PM	1	5	0
1:00 PM	0	6	1
2:00 PM	0	4	3
3:00 PM	1	9	0
4:00 PM	1	2	1
5:00 PM	0	4	0
6:00 PM	0	2	1
7:00 PM	1	2	1
8:00 PM	0	1	1
9:00 PM	0	1	1
10:00 PM	0	1	0
11:00 PM	0	0	0
Totals	5	53	14

McCully St and Algaroba St Red Light Violation Observation
28-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	1	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	1
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	0	0
8:00 AM	0	3	1
9:00 AM	0	5	0
10:00 AM	0	3	0
11:00 AM	0	2	1
12:00 PM	0	3	2
1:00 PM	0	2	2
2:00 PM	0	4	2
3:00 PM	0	5	1
4:00 PM	0	2	0
5:00 PM	0	2	0
6:00 PM	0	5	0
7:00 PM	0	0	0
8:00 PM	0	1	0
9:00 PM	0	0	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	0	38	10

McCully St and Algaroba St Red Light Violation Observation
29-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	2	0
8:00 AM	0	0	0
9:00 AM	0	0	0
10:00 AM	0	7	0
11:00 AM	0	3	0
12:00 PM	0	3	2
1:00 PM	1	4	0
2:00 PM	0	4	0
3:00 PM	0	0	0
4:00 PM	0	6	3
5:00 PM	0	2	0
6:00 PM	1	2	1
7:00 PM	0	3	1
8:00 PM	0	1	1
9:00 PM	0	0	0
10:00 PM	0	1	0
11:00 PM	0	0	0
Totals	2	38	8

McCully St and Algaroba St Red Light Violation Observation
30-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	1
3:00 AM	0	0	0
4:00 AM	0	1	0
5:00 AM	0	1	0
6:00 AM	0	0	0
7:00 AM	0	0	1
8:00 AM	0	1	1
9:00 AM	0	2	1
10:00 AM	0	2	0
11:00 AM	0	4	1
12:00 PM	0	5	1
1:00 PM	1	4	1
2:00 PM	0	0	0
3:00 PM	1	6	1
4:00 PM	0	3	1
5:00 PM	0	4	3
6:00 PM	0	2	0
7:00 PM	0	4	0
8:00 PM	0	2	1
9:00 PM	0	2	0
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	2	43	13

McCully St and Algaroba St Red Light Violation Observation
31-08-2022

Start Time	McCully St at Algaroba St		
	SWB		
	Left	Thru	Right
12:00 AM	0	0	0
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	0	0	0
7:00 AM	0	0	2
8:00 AM	0	0	3
9:00 AM	1	5	0
10:00 AM	0	2	3
11:00 AM	0	3	1
12:00 PM	0	0	1
1:00 PM	0	5	2
2:00 PM	0	2	1
3:00 PM	0	1	3
4:00 PM	0	4	2
5:00 PM	0	4	0
6:00 PM	0	5	1
7:00 PM	1	2	0
8:00 PM	0	2	1
9:00 PM	0	2	1
10:00 PM	0	0	0
11:00 PM	0	0	0
Totals	2	37	21

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
19-05-2022

	Vineyard Blvd at Nuuanu Ave		
	SEB		
Start Time	Left	Thru	Right
12:00 AM	0	0	1
1:00 AM	0	0	0
2:00 AM	1	0	0
3:00 AM	1	0	1
4:00 AM	0	0	0
5:00 AM	0	1	4
6:00 AM	2	0	4
7:00 AM	4	0	6
8:00 AM	1	1	3
9:00 AM	1	0	2
10:00 AM	0	0	10
11:00 AM	0	1	3
12:00 PM	2	0	4
1:00 PM	0	1	3
2:00 PM	3	0	2
3:00 PM	2	0	1
4:00 PM	8	0	1
5:00 PM	2	2	5
6:00 PM	0	0	2
7:00 PM	0	0	6
8:00 PM	1	0	8
9:00 PM	0	4	6
10:00 PM	0	0	0
11:00 PM	0	1	1
Totals	28	11	73

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
20-05-2022

	Vineyard Blvd at Nuuanu Ave		
	SEB		
Start Time	Left	Thru	Right
12:00 AM	2	0	1
1:00 AM	0	0	0
2:00 AM	0	0	0
3:00 AM	0	1	0
4:00 AM	0	0	0
5:00 AM	0	2	6
6:00 AM	0	0	6
7:00 AM	7	0	5
8:00 AM	2	0	0
9:00 AM	3	0	4
10:00 AM	0	0	3
11:00 AM	0	0	9
12:00 PM	0	0	4
1:00 PM	4	0	2
2:00 PM	0	0	5
3:00 PM	1	2	4
4:00 PM	5	2	4
5:00 PM	3	0	3
6:00 PM	1	0	2
7:00 PM	3	0	1
8:00 PM	0	0	3
9:00 PM	0	0	5
10:00 PM	0	0	7
11:00 PM	0	0	3
Totals	31	7	77

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
21-05-2022

Start Time	Vineyard Blvd at Nuuanu Ave		
	SEB		
	Left	Thru	Right
12:00 AM	0	0	1
1:00 AM	0	0	4
2:00 AM	0	0	4
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	0
6:00 AM	1	0	7
7:00 AM	1	0	4
8:00 AM	1	2	5
9:00 AM	1	0	7
10:00 AM	0	0	8
11:00 AM	2	0	9
12:00 PM	2	2	7
1:00 PM	2	0	0
2:00 PM	1	0	5
3:00 PM	1	0	3
4:00 PM	2	1	1
5:00 PM	1	1	6
6:00 PM	2	0	5
7:00 PM	0	0	7
8:00 PM	0	0	3
9:00 PM	1	1	3
10:00 PM	2	0	4
11:00 PM	1	0	4
Totals	21	7	97

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
22-05-2022

	Vineyard Blvd at Nuuanu Ave		
	SEB		
Start Time	Left	Thru	Right
12:00 AM	0	0	3
1:00 AM	0	0	3
2:00 AM	0	0	2
3:00 AM	0	0	5
4:00 AM	0	0	2
5:00 AM	0	0	6
6:00 AM	0	0	6
7:00 AM	0	0	1
8:00 AM	0	0	9
9:00 AM	1	0	4
10:00 AM	0	0	4
11:00 AM	0	0	3
12:00 PM	3	0	4
1:00 PM	0	0	4
2:00 PM	0	0	5
3:00 PM	1	0	3
4:00 PM	1	1	3
5:00 PM	0	0	1
6:00 PM	0	0	3
7:00 PM	1	0	5
8:00 PM	0	0	7
9:00 PM	1	1	5
10:00 PM	0	0	4
11:00 PM	0	0	3
Totals	8	2	95

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
23-05-2022

Start Time	Vineyard Blvd at Nuuanu Ave		
	SEB		
	Left	Thru	Right
12:00 AM	0	0	2
1:00 AM	0	1	0
2:00 AM	0	0	1
3:00 AM	1	0	1
4:00 AM	0	0	1
5:00 AM	0	0	4
6:00 AM	0	0	5
7:00 AM	5	0	4
8:00 AM	1	0	9
9:00 AM	0	1	5
10:00 AM	0	0	1
11:00 AM	2	0	1
12:00 PM	0	1	6
1:00 PM	1	0	1
2:00 PM	0	0	3
3:00 PM	4	1	0
4:00 PM	3	2	2
5:00 PM	1	1	3
6:00 PM	4	0	2
7:00 PM	3	0	3
8:00 PM	0	0	2
9:00 PM	0	1	2
10:00 PM	0	0	5
11:00 PM	0	0	0
Totals	25	8	63

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
24-05-2022

	Vineyard Blvd at Nuuanu Ave		
	SEB		
Start Time	Left	Thru	Right
12:00 AM	2	1	1
1:00 AM	0	0	0
2:00 AM	0	0	1
3:00 AM	0	0	2
4:00 AM	0	0	1
5:00 AM	0	0	4
6:00 AM	1	0	3
7:00 AM	2	1	2
8:00 AM	1	0	8
9:00 AM	0	0	4
10:00 AM	1	0	7
11:00 AM	0	0	6
12:00 PM	0	0	5
1:00 PM	0	0	3
2:00 PM	1	0	2
3:00 PM	0	0	4
4:00 PM	0	0	6
5:00 PM	1	0	5
6:00 PM	4	0	6
7:00 PM	0	0	0
8:00 PM	0	0	5
9:00 PM	0	0	3
10:00 PM	0	1	3
11:00 PM	1	0	3
Totals	14	3	84

Vineyard Blvd and Nuuanu Ave Red Light Violation Observation
25-05-2022

	Vineyard Blvd at Nuuanu Ave		
	SEB		
Start Time	Left	Thru	Right
12:00 AM	0	0	2
1:00 AM	0	0	1
2:00 AM	0	0	0
3:00 AM	0	0	0
4:00 AM	0	0	0
5:00 AM	0	0	6
6:00 AM	1	1	9
7:00 AM	7	0	3
8:00 AM	3	0	3
9:00 AM	1	0	2
10:00 AM	1	1	7
11:00 AM	2	0	4
12:00 PM	0	1	3
1:00 PM	1	0	7
2:00 PM	4	0	3
3:00 PM	4	0	1
4:00 PM	4	0	0
5:00 PM	2	0	3
6:00 PM	0	0	1
7:00 PM	1	0	2
8:00 PM	0	0	4
9:00 PM	0	0	0
10:00 PM	1	0	5
11:00 PM	0	0	0
Totals	32	3	66