

**AGENDA ITEM 12**

- Public Hearing
- Ordinance
- Consent Calendar
- Discussion

WALNUT CITY COUNCIL**AGENDA DATE: JANUARY 8, 2013**

TO: Mayor Cartagena and Council Members

VIA: Rob Wishner, City Manager *RW*
Karen Ogawa, Administrative Services Director *KO*

FROM: Rosalea Layman, Senior Management Analyst *RL*

SUBJECT: Photo Enforcement Program

RECOMMENDATION:

It is recommended that the City Council review, discuss, and select one (1) of the following options regarding the City's Photo Enforcement Program:

1. Extend the City's contract with RedFlex for another two (2) year period and continue the Photo Enforcement Program; OR
2. Terminate the City's Photo Enforcement Program; OR
3. Extend the City's contract with RedFlex for another three (3) months (if additional information is necessary to make a determination).

BACKGROUND:

The City's Photo Enforcement Program was approved by the City Council on August 9, 2006 and was implemented at the southbound Grand Avenue at Amar Road and eastbound Amar Road at Grand Avenue approaches. The program went live in January 2007 with an initial 30-day warning period, then full enforcement thereafter.

The contract was extended for five (5) years in February 2009 with an expiration date of February 27, 2014. The contract does not have a roll-over provision, which means if the contract expires, RedFlex would remove the equipment, and the program would terminate. The current contract allows the City to extend the terms of the contract for up to two (2) additional consecutive and automatic two (2) year periods following the expiration of the initial term, as long as the City provides RedFlex with a written notice not less than thirty days prior to the last day of the contract.

The program produces digital photographic and digital video evidence of vehicles illegally running red lights. Two detection loops are installed under each monitored lane

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of travel. The system can detect a vehicle prior to it crossing the limit line, and due to the distance between the loops, the system is able to determine the speed of the vehicle. Activation only occurs when a vehicle is detected entering the intersection after the traffic signal has turned red.

The program complies with California Vehicle Code (C.V.C.) section 21455.5(a), Traffic Signal Automated Enforcement Photographic Records. The intersection is clearly identified with signs, which are visible to traffic approaching the intersection. The citations issued are based off of C.V.C section 21453(a), Circular Red or Red Arrow.

STAFF ANALYSIS:

Safety Review

The mission and focus of the Photo Enforcement Program is to improve vehicular and pedestrian safety, while improving traffic flow at the intersection at Grand Avenue/Amar Road.

Based on discussions with the Sheriff's Department, Staff believes that the Photo Enforcement Program provides for more efficient traffic flow at the intersection, and assists by alleviating deputies from having to spend additional patrol hours at this key intersection. If the City were to remove the cameras, the Sheriff's Department believes an increase in police service levels would be needed, which would amount to an additional cost of \$260,659 per year. They also believe there would be an increase in congestion within the intersection which would impede traffic flow in all directions.

The Sheriff's Department has also indicated that the cameras have been a great tool in helping to identify suspects and vehicles wanted in non-traffic related crimes. They have also indicated that due to the size and amount of traffic flow in the intersection, it is a very difficult intersection to conduct directed enforcement action near and around the vicinity.

Overall, the Walnut Station Captain strongly supports the continuation of the program as an effective public safety tool to maintain vehicular and pedestrian safety at the Grand/Amar intersection.

Traffic Engineer Review

Photo Enforcement Programs will typically cause an increase in rear-end type collisions and cause a decrease in broadside type collisions. Broadside type accidents are considered to be more severe than rear-end type accidents because broadside accidents have a greater probability of the motorists sustaining injuries as well as increased property damage costs.

For the seven (7) years leading up to the installation of the City's Photo Enforcement Program, there were an average of 5.7 rear-end type accidents per year and an average of 1.4 broadside type accidents per year. After the installation of the City's

Photo Enforcement Program, the average for rear-end type accidents increased to 8.7 accidents per year and the average for the broadside type accidents decreased to 1.1 per year.

Soon after the implementation of the Photo Enforcement Program, the City completed comprehensive improvements to the intersection including the construction of additional thru lanes and left-turn lanes as well as the installation of dedicated right-turn lanes. All improvements directly impacted traffic flow of vehicles traversing the intersection. The motorists were no longer forced to wait through two (2) and three (3) cycles to negotiate the intersection; they were past the intersection on the first cycle. This improved efficiency increased the overall speed of the vehicles entering and exiting the intersection. This factor is the most likely scenario to explain the increase in rear-end type collisions rather than the implementation of the Photo Enforcement Program. It should be noted that the broadside type accidents decreased in frequency after the completion of the intersection improvements, even though the traffic flows and the overall speeds increased. This improvement in the frequency of the broadside collisions can be directly attributable to the installation of the Photo Enforcement Program.

Citation Review

The City currently utilizes a Law Enforcement Technician (LET), under contract with the Los Angeles County Sheriff's Department, to review the alleged violations and to process the citations accordingly. In addition to issuing the citations, the LET attends court proceedings if and when alleged violators wish to challenge the citations.

The Customer Management Reports, which detail the number of citations issued per month, is attached for Council review. For calendar year 2013, the City issued 5,053 citations to alleged violators.

FISCAL IMPACT:

The annual cost to operate the City's Photo Enforcement Program is \$141,116. \$140,016 is the annual cost to RedFlex and \$1,100.00 is provided for annual training for the LET. The LET position is charged to the COPS Grant and does not come from General Fund sources.

It is difficult to determine the exact amount of revenue generated by the program because the City receives a lump sum from the county that includes all traffic violations, fines, and fees received. Staff has estimated the revenue from RedFlex by looking at the revenues received prior to the program implementation, and after, and concluded our annual revenue from the program, after all expenditures have been accounted for, to be approximately \$130,000. \$63,700 of this revenue is restricted, and may only be used for public safety purposes. The remainder can be used for General Fund purposes.

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While the program is intended to provide for a safer intersection for the Walnut community, if the program is eliminated, the City would realize a loss of associated revenue, in addition to potential increase cost for additional patrol deployment of \$260,659 per year.

RELATION TO MISSION STATEMENT:

We will enhance civic pride by promoting public safety.

Attachment 1: RedFlex Contract
Attachment 2: Traffic Collision Data
Attachment 3: Customer Management Report

**Los Angeles County Sheriff's Department
Walnut / Diamond Bar Sheriff Station**

Traffic Collision History Report

Attachment 2

Location: Amar Rd / Grand Av
Date Range Reported: 1/1/2005 - 11/15/2013
Total Number of Collisions: 101

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Seq. No.	Date	Time	Dist.	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	Kil
105-01596-2011-472	2/28/05	09:15	0	In Int.	Broadside	Other Motor Vehicle	East	Making Left Turn	North	Proceeding Straight	Unknown	0	0
105-03389-2012-471	4/30/05	15:45	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Other Unsafe Turning	Unsafe Speed	0	0
105-05683-2012-471	7/19/05	17:45	15	East	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	1	0
105-07058-2011-472	9/7/05	16:05	0	In Int.	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Following Too Closely	0	0
105-09232-2012-472	11/21/05	14:35	0	In Int.	Sideswipe	Other Motor Vehicle	North	Proceeding Straight	North	Proceeding Straight	Unsafe Lane Change	0	0
106-01984-2012-472	3/10/06	09:35	30	East	Sideswipe	Other Motor Vehicle	East	Changing Lanes	East	Proceeding Straight	Unsafe Lane Change	0	0
106-02377-2015-472	3/26/06	03:35	24	South	Hit Object	Fixed Object	South	Proceeding Straight	West	Stopped In Road	Wrong Side of Road	0	0
106-05177-2015-472	6/29/06	14:03	20	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Starting or Backing	0	0
106-05186-2011-472	6/29/06	21:15	0	In Int.	Rear-End	Other Motor Vehicle	West	Slowing/Stopping	West	Stopped In Road	Unsafe Speed	0	0
106-06806-2011-251	8/28/06	13:10	0	In Int.	Rear-End	Other Motor Vehicle	South	Changing Lanes	South	Proceeding Straight	Unsafe Lane Change	0	0
106-07779-2011-472	10/2/06	07:45	75	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Proceeding Straight	Following Too Closely	0	0
106-08356-2012-471	10/23/06	23:55	0	In Int.	Broadside	Other Motor Vehicle	West	Proceeding Straight	South	Proceeding Straight	Other Improper Driving	2	0
107-01899-2015-472	3/7/07	09:15	0	In Int.	Rear-End	Other Motor Vehicle	East	Stopped In Road	East	Proceeding Straight	Following Too Closely	0	0
107-02118-2011-251	3/15/07	14:20	50	North	Rear-End	Other Motor Vehicle	South	Changing Lanes	South	Proceeding Straight	Unknown	0	0
107-02575-2011-471	3/29/07	20:30	17	West	Broadside	Bicycle	West	Making Left Turn	West	Making Right Turn	Auto R/W Violation	1	0

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107-03843-2011-472	5/12/07	12:15	11	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Following Too Closely	0	0
107-04426-2011-472	5/31/07	19:00	0	In Int.	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Slowing/Stopping	Following Too Closely	0	0
108-05457-2011-472	7/10/07	10:30	0	In Int.	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Following Too Closely	0	0
107-07012-2011-251	9/2/07	02:20	0	In Int.	Broadside	Other Motor Vehicle	West	Proceeding Straight	South	Proceeding Straight	Other Improper Driving	0	0
107-08678-2011-472	11/1/07	08:12	107	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	0	0
107-09495-2012-472	11/28/07	17:50	0	In Int.	Head-On	Fixed Object	East	Making Right Turn	East	Stopped In Road	Unsafe Speed	0	0
107-09944-2011-472	12/12/07	07:15	27	West	Sideswipe	Other Motor Vehicle	East	Changing Lanes	East	Proceeding Straight	Unsafe Lane Change	0	0
108-01736-2012-471	2/25/08	18:53	0	In Int.	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Slowing/Stopping	Other Improper Driving	3	0
108-02048-2011-472	3/3/08	20:00	0	In Int.	Sideswipe	Other Motor Vehicle	South	Making Right Turn	South	Proceeding Straight	Improper Turning	0	0
108-02624-2011-251	3/25/08	22:15	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Unsafe Lane Change	0	0
108-03279-2012-472	4/15/08	22:30	0	In Int.	Rear-End	Other Motor Vehicle	West	Stopped In Road	West	Stopped In Road	Unsafe Starting or Backing	0	0
108-03751-2011-472	4/30/08	09:09	34	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	0	0
108-03934-2011-471	5/6/08	07:55	20	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	1	0
108-04571-2011-472	5/27/08	17:00	48	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Speed	1	0
108-04831-2012-472	6/4/08	16:55	33	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0

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108-05544-2017.250	7/1/08	15:05	0	In Int.	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Making Right Turn	Unsafe Speed	0	0
108-08201-2011.472	7/22/08	12:40	0	In Int.			North	Proceeding Straight	North	Proceeding Straight	Unsafe Speed	0	0
108-07830-2015.472	9/23/08	14:55	17	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Slowing/Stopping	Following Too Closely	0	0
108-07839-2017.472	9/23/08	21:20	25	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Slowing/Stopping	Following Too Closely	0	0
108-09432-2015.250	11/24/08	12:15	0	In Int.	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Slowing/Stopping	Following Too Closely	0	0
108-09688-2011.472	12/4/08	09:15	0	In Int.	Head-On	Fixed Object	South	Changing Lanes	North	Stopped In Road	Unsafe Lane Change	0	0
109-00350-2016.250	1/14/09	10:35	0	In Int.	Sideswipe	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0
109-00773-2012.472	1/29/09	07:00	14	Not Stated	Rear-End	Other Motor Vehicle	West	Changing Lanes	West	Proceeding Straight	Unsafe Lane Change	0	0
109-02115-2012.472	3/19/09	06:30	0	In Int.	Broadside	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Unsafe Speed	0	0
409-02689-2015.242	4/6/09	16:30	0	In Int.	Broadside	Other Motor Vehicle	North	Proceeding Straight	North	Proceeding Straight	Other Improper Driving	0	0
109-04774-2016.472	6/16/09	15:00	0	In Int.	Rear-End	Other Motor Vehicle	North	Proceeding Slowing/Stopping	East	Proceeding Straight	Driving Under Influence	0	0
109-05856-2011.472	7/22/09	18:50	30	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Proceeding Straight	Following Too Closely	0	0
109-05887-2012.472	7/23/09	11:35	100	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Speed	0	0
109-07631-2011.472	9/26/09	15:00	0	In Int.	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Proceeding Straight	Unsafe Speed	0	0
109-07867-2012.471	10/7/09	19:43	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Unsafe Starting or Backing	1	0

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109-08011-2011-242	10/12/09	23:05	0	In Int.	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	1	0
109-08358-2012-471	10/26/09	18:35	50	East	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Following Too Closely	1	0
109-08600-2012-472	11/5/09	13:20	42	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Unsafe Speed	0	0
109-09307-2011-250	12/2/09	18:30	0	In Int.	Sideswipe	Other Motor Vehicle	East	Making Left Turn	East	Proceeding Straight	Improper Turning	0	0
910-01565-2011-471	2/25/10	11:35	50	West	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Unsafe Lane Change	0	0
910-01971-2015-472	3/12/10	22:10	34	West	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Stopped In Road	Unsafe Speed	0	0
910-02349-2012-472	3/27/10	15:17	3	South	Rear-End	Other Motor Vehicle	North	Making Right Turn	North	Proceeding Straight	Improper Turning	0	0
910-03111-2011-472	4/23/10	15:58	0	In Int.	Broadside	Other Motor Vehicle	West	Proceeding Straight	North	Proceeding Straight	Other Improper Driving	0	0
910-03451-2011-472	5/8/10	12:05	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Following Too Closely	0	0
910-03452-2015-471	5/8/10	12:40	63	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	1	0
910-03617-2011-472	5/12/10	17:49	43	North	Rear-End	Other Motor Vehicle	South	Slowing/Stopping	South	Slowing/Stopping	Unsafe Speed	0	0
910-03675-2012-472	5/15/10	13:50	37	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
910-03971-2012-472	5/27/10	07:43	30	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0
910-05249-2020-472	7/17/10	18:27	150	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	0	0
910-05430-2012-472	7/24/10	10:00	0	In Int.	Broadside	Other Motor Vehicle	North	Entering Traffic	West	Making Left Turn	Other Improper Driving	0	0

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910-05566-2012,471	7/29/10	17:30	9	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Slowing/Stopping	Following Too Closely	2	0
910-05566-2012,471	7/29/10	17:30	9	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Slowing/Stopping	Following Too Closely	2	0
910-06977-2012,251	9/17/10	17:55	60	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	1	0
910-07497-2012,471	10/7/10	15:10	65	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Following Too Closely	1	0
910-07497-2012,471	10/7/10	15:10	65	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Following Too Closely	1	0
910-07619-2011,472	10/12/10	09:38	0	In Int.	Sideswipe	Other Motor Vehicle	South	Making Left Turn	South	Making Left Turn	Improper Turning	0	0
910-08009-2011,472	10/26/10	11:45	93	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Slowing/Stopping	Following Too Closely	0	0
910-08604-2015,472	11/15/10	14:30	30	West	Not Stated	Other Motor Vehicle	East	Making Right Turn	East	Slowing/Stopping	Unsafe Speed	0	0
910-08096-2012,471	12/8/10	14:05	46	North	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Slowing/Stopping	Unsafe Speed	1	0
911-00145-2011,251	1/7/11	15:20	60	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Speed	0	0
911-01093-2011,472	2/12/11	15:30	30	West	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Starting or Backing	0	0
911-01641-2011,251	2/17/11	19:30	0	In Int.	Not Stated	Not Stated						1	0
911-02375-2021,251	4/7/11	06:45	0	In Int.	Not Stated	Not Stated						0	0
911-02879-2015,472	4/29/11	22:20	0	In Int.	Head-On	Other Motor Vehicle	North	Making Left Turn	South	Proceeding Straight	Auto RMV Violation	0	0
911-03120-2011,471	5/10/11	14:30	0	In Int.	Head-On	Bicycle	North	Proceeding Straight	East	Making Right Turn	Other Hazardous Movement	1	0

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911-03293-2012-472	5/17/11	11:10	69	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Following Too Closely	0	0
911-05736-2011-250	8/30/11	15:30	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Unsafe Speed	0	0
911-06067-2012-250	9/14/11	18:45	0	In Int.	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0
911-06243-2011-472	9/21/11	14:45	110	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Following Too Closely	0	0
911-06903-2011-250	10/18/11	09:45	0	In Int.									
911-06971-2011-471	10/21/11	11:45	50	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Following Too Closely	1	0
911-07020-2015-241	10/23/11	04:40	0	In Int.	Broadside	Other Motor Vehicle	East	Proceeding Straight	South	Proceeding Straight	Driving Under Influence	2	0
911-07391-2012-472	11/8/11	11:30	0	In Int.	Head-On	Other Motor Vehicle	East	Making Left Turn	West	Stopped In Road	Improper Turning	0	0
912-00789-2011-250	1/18/12	07:20	10	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Following Too Closely	1	0
912-01507-2011-472	3/21/12	08:25	61	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	0	0
912-01681-2011-472	3/8/12	18:00	0	In Int.	Rear-End	Other Motor Vehicle	South	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
912-02301-2015-472	4/2/12	19:45	6	West	Sideswipe	Other Motor Vehicle	East	Changing Lanes	East	Stopped In Road	Unsafe Lane Change	0	0
912-02537-2012-472	4/13/12	12:20	0	In Int.	Sideswipe	Other Motor Vehicle	North	Making Right Turn	North	Proceeding Straight	Other Improper Driving	0	0
912-03291-2012-250	5/15/12	11:45	80	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Following Too Closely	0	0
912-03316-2011-472	5/16/12	14:25	50	North	Broadside	Other Motor Vehicle	South	Changing Lanes	South	Proceeding Straight	Unsafe Lane Change	0	0

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912-04954-2015-472	7/16/12	17:00	0	In Int.	Rear-End	Other Motor Vehicle	West	Making Right Turn	South	Making Right Turn	Following Too Closely	0	0
912-06322-2012-25N	7/31/12	12:31	45	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0
912-08071-2011-472	11/14/12	14:10	0	In Int.	Sideswipe	Other Motor Vehicle	South	Changing Lanes	South	Proceeding Straight	Unsafe Lane Change	0	0
912-08358-2012-472	11/26/12	22:19	54	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Unsafe Speed	0	0
912-08491-2012-25N	12/1/12	10:17	28	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
913-01286-2000-25N	2/21/13	19:00	0	In Int.	Rear-End	Non-Collision	East	Proceeding Straight	East	Stopped In Road	Following Too Closely	0	0
913-01701-2016-472	3/7/13	13:00	100	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
913-03477-2011-472	5/10/13	12:45	39	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Following Too Closely	0	0
913-05923-2012-25N	8/27/13	07:20	53	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
913-06232-2011-472	9/9/13	18:30	50	North	Sideswipe	Other Motor Vehicle	South	Changing Lanes	South	Proceeding Straight	Unsafe Lane Change	0	0
913-07152-2011-472	10/19/13	12:00	25	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Following Too Closely	0	0

**Los Angeles County Sheriff's Department
Walnut / Diamond Bar Sheriff Station
Traffic Collision History Report**

Location: Amar Rd / Grand Av
Date Range Reported: 1/1/2005 - 11/15/2013
Total Number of Collisions: 101

11/15/2013
Page 8

Seq. No.	Date	Time	Dist.	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	KII
Total Number of Collisions: 101													

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
Street Name	AMAR RD
Cross Street	GRAND AV
Starting Date	1/1/2005
Ending Date	11/15/2013
Intersection	Intersection Related

**Los Angeles County Sheriff's Department
Walnut / Diamond Bar Sheriff Station**

Traffic Collision History Report

12/12/2013
Page 1

Location: Grand Av / Amar Rd
Date Range Reported: 1/1/2000 - 12/31/2004
Total Number of Collisions: 52

Seq. No.	Date	Time	Dist.	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	Kil
100-03630-2911-472	4/16/00	16:50	32	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0
100-03636-291N-472	4/20/00	16:48	70	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Speed	0	0
100-04700-2915-472	5/22/00	15:10	0	In Int.	Sideswipe	Other Motor Vehicle	East	Changing Lanes	East	Proceeding Straight	Unsafe Lane Change	0	0
100-05000-2912-472	5/31/00	16:47	10	West	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Unsafe Speed	0	0
100-05401-2912-472	6/14/00	10:15	36	East	Rear-End	Other Motor Vehicle	West	Making Right Turn	West	Stopped In Road	Following Too Closely	0	0
100-05554-2915-472	6/19/00	06:00	35	West	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Stopped In Road	Unsafe Speed	0	0
400-05817-2912-471	6/28/00	07:20	0	In Int.	Broadside	Other Motor Vehicle	North	Proceeding Straight	West	Proceeding Straight	Auto RWV Violation	3	0
100-07352-2912-472	8/17/00	17:50	15	West	Broadside	Other Motor Vehicle	West	Proceeding Straight	North	Proceeding Straight	Traffic Signals and Signs	0	0
100-09253-2912-471	10/23/00	16:22	70	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Unsafe Speed	2	0
400-09807-2912-251	11/14/00	00:30	0	In Int.	Broadside	Other Motor Vehicle	East	Proceeding Straight	North	Proceeding Straight	Driving Under Influence	1	0
100-10920-2912-471	12/25/00	14:16	0	In Int.	Broadside	Other Motor Vehicle	South	Making Left Turn	North	Proceeding Straight	Auto RWV Violation	5	0
101-00673-2912-472	1/23/01	19:02	35	East	Rear-End	Other Motor Vehicle	East	Passing Other Vehicle	East	Proceeding Straight	Unsafe Speed	0	0
101-01685-2911-251	2/28/01	07:40	15	East	Rear-End	Other Motor Vehicle	West	Stopped In Road	West	Proceeding Straight	Unsafe Speed	1	0
101-03095-2911-472	4/18/01	16:20	0	In Int.	Rear-End	Other Motor Vehicle	West	Slowing/Stopping	West	Stopped In Road	Unsafe Speed	0	0
101-03947-2916-251	5/15/01		40	South	Hit Object	Fixed Object	South	Making Left Turn			Unsafe Speed	0	0

**Los Angeles County Sheriff's Department
Walnut / Diamond Bar Sheriff Station**

Traffic Collision History Report

12/12/2013
Page 2

Location: Grand Av / Amar Rd
Date Range Reported: 1/1/2000 - 12/31/2004
Total Number of Collisions: 52

Seq. No.	Date	Time	Dist.	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	Kill
101-04584-2911-472	5/29/01	13:44	0	In Int.	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Speed	0	0
101-05318-2911-472	7/3/01	13:50	0	In Int.	Sideswipe	Other Motor Vehicle	South	Making Right Turn	South	Making Right Turn	Unsafe Speed	0	0
101-05735-2911-472	7/19/01	15:00	0	In Int.	Broadside	Other Motor Vehicle	South	Proceeding Straight	West	Proceeding Straight	Traffic Signals and Signs	0	0
101-06886-2915-472	8/30/01	12:55	36	West	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Stopped In Road	Unsafe Speed	0	0
101-07014-2911-471	9/5/01	18:55	25	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Slowing/Stopping	Following Too Closely	1	0
101-09226-2912-471	11/20/01	15:35	30	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Starting or Backing	1	0
101-09444-2912-472	11/28/01	14:50	81	East	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Following Too Closely	0	0
102-00401-2912-472	1/14/02	18:30	0	In Int.	Rear-End	Other Motor Vehicle	East	Making Left Turn	East	Proceeding Straight	Following Too Closely	0	0
102-01296-2911-471	2/14/02	08:40	120	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Starting or Backing	1	0
102-02412-2915-472	3/21/02	17:50	75	West	Rear-End	Non-Collision	East	Slowing/Stopping	East	Stopped In Road	Unsafe Starting or Backing	0	0
102-03260-2912-472	4/23/02	17:19	0	In Int.	Hit Object	Fixed Object	North	Proceeding Straight	North	Stopped In Road	Wrong Side of Road	0	0
402-04365-2912-471	6/4/02	07:38	23	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	2	0
102-05871-2916-472	7/30/02	17:16	0	In Int.	Sideswipe	Other Motor Vehicle	South	Changing Lanes	South	Proceeding Straight	Unsafe Lane Change	0	0
102-05971-2912-471	8/4/02	08:45	53	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	2	0
102-06264-2912-472	8/14/02	07:50	0	In Int.	Rear-End	Other Motor Vehicle	East	Making Left Turn	East	Making Left Turn	Following Too Closely	0	0

**Los Angeles County Sheriff's Department
Walnut / Diamond Bar Sheriff Station**

Traffic Collision History Report

12/12/2013
Page 3

Location: Grand Av / Amnar Rd
Date Range Reported: 1/1/2000 - 12/31/2004
Total Number of Collisions: 52

Seq. No.	Date	Time	Dist.	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	Kill
102-07965-2911-477	10/18/02	19:20	0	In Int.	Broadside	Other Motor Vehicle	East	Proceeding Straight	South	Proceeding Straight	Auto R/W Violation	0	0
102-09504-2912-25N	12/18/02	07:40	29	East	Sideswipe	Other Motor Vehicle	West	Making Left Turn	West	Stopped In Road	Unsafe Lane Change	0	0
103-00393-2911-477	1/17/03	13:37	21	North	Rear-End	Other Motor Vehicle	South	Slowing/Stopping	South	Slowing/Stopping	Unsafe Speed	0	0
103-03744-2912-477	5/14/03	15:30	0	In Int.	Sideswipe	Other Motor Vehicle	West	Changing Lanes	West	Proceeding Straight	Unsafe Lane Change	0	0
103-05097-2911-25N	7/1/03	21:00	0	In Int.	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
103-05530-2911-477	7/16/03	14:06	63	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Speed	1	0
103-05636-2911-477	7/21/03	10:50	11	South	Not Stated	Fixed Object	South	Making Left Turn			Wrong Side of Road	0	0
103-06042-2911-471	8/4/03	16:45	118	West	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Proceeding Straight	Unsafe Speed	1	0
103-07438-2911-477	9/24/03	08:30	18	North	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Unsafe Starting or Backing	0	0
103-07908-2911-477	10/9/03	07:30	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Slowing/Stopping	Unsafe Speed	0	0
103-08658-2912-477	11/3/03	08:30	0	In Int.	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Following Too Closely	0	0
103-08681-2912-477	11/4/03	07:15	0	In Int.	Rear-End	Other Motor Vehicle	West	Making Left Turn	West	Making Left Turn	Following Too Closely	0	0
103-08695-2911-477	11/8/03	18:30	0	In Int.	Rear-End	Other Motor Vehicle	South	Proceeding Straight	South	Stopped In Road	Following Too Closely	0	0
103-09263-2911-477	11/24/03	19:10	0	In Int.	Sideswipe	Other Motor Vehicle	East	Entering Traffic	South	Proceeding Straight	Auto R/W Violation	0	0
104-02106-2912-477	3/15/04	13:10	40	South	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped In Road	Unsafe Speed	0	0

**Los Angeles County Sheriff's Department
Walnut / Diamond Bar Sheriff Station**

Traffic Collision History Report

12/12/2013
Page 4

Location: Grand Av / Amar Rd
Date Range Reported: 1/1/2000 - 12/31/2004
Total Number of Collisions: 52

Seq. No.	Date	Time	Dist.	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	Kil
104-04634-2012-472	6/13/04	18:15	38	East	Rear-End	Other Motor Vehicle	West	Making Left Turn	West	Making Left Turn	Unsafe Starting or Backing	0	0
104-05038-2012-472	6/28/04	13:50	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Unsafe Starting or Backing	0	0
104-06368-2012-472	8/17/04	12:45	0	In Int.	Sideswipe	Other Motor Vehicle	South	Entering Traffic	West	Proceeding Straight	Auto RAW Violation	0	0
104-06686-2012-472	8/30/04	08:00	0	In Int.	Broadside	Other Motor Vehicle	East	Proceeding Straight	North	Proceeding Straight	Traffic Signals and Signs	0	0
104-07115-2012-25N	9/15/04	15:55	0	In Int.	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Making Left Turn	Unsafe Speed	0	0
104-07144-2011-472	9/16/04	10:45	15	North	Broadside	Other Motor Vehicle	West	Making Right Turn	South	Proceeding Straight	Improper Turning	0	0
104-08208-2011-25N	10/22/04	17:00	0	In Int.	Sideswipe	Other Motor Vehicle	East		South		Other Improper Driving	0	0

Los Angeles County Sheriff's Department
 Walnut / Diamond Bar Sheriff Station
 Traffic Collision History Report

Location: Grand Av / Amar Rd
 Date Range Reported: 1/1/2000 - 12/31/2004
 Total Number of Collisions: 52

12/12/2013
 Page 5

Seq. No.	Date	Time	Dist	Dir.	Collision Pattern	Motor Veh. Involved With	Direct of Travel 1	Movement Prec. Coll. 1	Direct of Travel 2	Movement Prec. Coll. 2	PCF	Inj.	Kill
Total Number of Collisions: 52													

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
Street Name	GRAND AV
Cross Street	AMAR RD
Starting Date	1/1/2000
Ending Date	12/31/2004
Intersection	Intersection Related

Customer Management Report (Walnut) All Detection Types

01-Jan-2013 to 31-Jan-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		364	476	840
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	5	4	9
	Motor Cycle Helmet	1	2	3
	Plate Obstruction	13	9	22
	Vehicle Obstruction	10	2	12
Police Rejects	Emergency Vehicle Responding	5	5	10
	Incorrect/Incomplete DMV	0	2	2
	Invalid Offense	1	5	6
	Police Discretion	107	96	203
	Sun Glare	0	2	2
Policy/Weather	Extended Vehicle	3	0	3
	Sun Glare	6	1	7
	Weather/Nature	1	0	1
Registration Issues	Paper Plates	11	28	39
	Wrong or No DMV	0	1	1
Total		163	157	320
Sub Total Violations		201	319	520
Less in Progress		0	0	0
Available For Prosecution		201	319	520
Less Rejects				
Camera Malfunction	Face Not in Frame	1-00%	1-00%	2-00%
	Image Missing	1-00%	0-00%	1-00%
	Plate Not in Frame	1-00%	0-00%	1-00%
	Rear Plate Camera Blurry	2-01%	2-01%	4-01%
Police Rejects	Driver Unidentifiable images poor	5-02%	0-00%	5-01%
	Unclear Scene Image	25-12%	0-00%	25-05%
Process Issues	Too Old	13-06%	20-06%	33-06%
Total		48-24%	23-07%	71-14%
Approved Violations		153-76%	266-83%	449-86%
Total Notices Printed		153-76%	266-83%	449-86%

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Customer Management Report (Walnut) All Detection Types

01-Jan-2013 to 31-Jan-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Feb-2013 to 28-Feb-2013 Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		461	404	865
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	8	9	17
	Motor Cycle Helmet	0	2	2
	Plate Obstruction	15	3	18
	Vehicle Obstruction	27	3	30
Police Rejects	Emergency Vehicle Responding	11	3	14
	Incorrect/Incomplete DMV	0	1	1
	Invalid Offense	5	1	6
	Police Discretion	128	32	160
	Sun Glare	1	0	1
Policy/Weather	Sun Glare	18	3	21
	Weather/Nature	1	0	1
Registration Issues	Paper Plates	15	11	26
Total		229	68	297
Sub Total Violations		232	336	568
Less in Progress		0	0	0
Available For Prosecution		232	336	568
Less Rejects				
Camera Malfunction	Face Camera Flash	2-01%	0-00%	2-00%
	Face Not in Frame	2-01%	0-00%	2-00%
	Image Missing	0-00%	2-01%	2-00%
	Misc Camera Issue	0-00%	40-12%	40-07%
	Plate Bum Out	1-00%	1-00%	2-00%
	Rear Plate Camera Blurry	1-00%	2-01%	3-01%
Police Rejects Process Issues	Driver Unidentifiable images poor	4-02%	0-00%	4-01%
	Too Old	46-20%	61-18%	107-19%
Total		56-24%	106-32%	162-29%
Approved Violations		176-76%	230-68%	406-71%
Total Notices Printed		176-76%	230-68%	406-71%

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Customer Management Report (Walnut) All Detection Types

01-Feb-2013 to 28-Feb-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Mar-2013 to 31-Mar-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents	541	506	1047
Less Uncontrollable Factors			
Obstruction			
Driver Obstruction/Duckers	14	5	19
Plate Obstruction	31	11	42
Vehicle Obstruction	13	2	15
Police Rejects			
Emergency Vehicle Responding	14	3	17
Incorrect/Incomplete DMV	1	4	5
Invalid Offense	6	9	15
Multiple vehicles in frame	1	1	2
Police Discretion	160	64	224
Policy/Weather			
Extended Vehicle	2	0	2
Sun Glare	9	1	10
Weather/Nature	3	2	5
Registration Issues			
Can Not Identify State	0	1	1
Paper Plates	14	21	35
Wrong or No DMV	0	1	1
Total	268	125	393
Sub Total Violations	273	381	654
Less In Progress	0	0	0
Available For Prosecution	273	381	654
Less Rejects			
Camera Malfunction			
Face Camera Flash	12-04%	0-00%	12-02%
Misc Camera Issue	0-00%	21-06%	21-03%
Plate Not in Frame	2-01%	0-00%	2-00%
Rear Plate Camera Blurry	0-00%	3-01%	3-00%
Rear Plate Flash Inappropriate	0-00%	3-01%	3-00%
Police Rejects			
Driver Unidentifiable Images poor	23-08%	5-01%	28-04%
Red-light not visible in	0-00%	1-00%	1-00%
Unclear Scene Image	2-01%	1-00%	3-00%
Process Issues			
Too Old	15-05%	14-04%	29-04%
Total	54-20%	48-13%	102-16%
Approved Violations	219-80%	333-87%	552-84%
Total Notices Printed	219-80%	333-87%	552-84%

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Customer Management Report (Walnut) All Detection Types

01-Mar-2013 to 31-Mar-2013

Operator Id: %

	VAL-AMGR-01	VAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Apr-2013 to 30-Apr-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		493	413	906
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	6	2	8
	Motor Cycle Helmet	2	0	2
	Plate Obstruction	14	5	19
	Vehicle Obstruction	12	0	12
Police Rejects	Driver Obstructed	2	0	2
	Emergency Vehicle Responding	16	4	20
	Incorrect/Incomplete DMV	3	8	11
	Invalid Offense	2	2	4
	Multiple vehicles in frame	3	0	3
	Non-violation - Late Stop	43	39	82
	Police Discretion	38	17	55
	Safe Turn On Red	2	15	17
	Sun Glare	25	2	27
Policy/Weather	Extended Vehicle	4	0	4
	Sun Glare	5	1	6
	Weather/Nature	0	2	2
Registration Issues	Paper Plates	10	16	26
Total		187	113	300
Sub Total Violations		306	300	606
Less in Progress		0	0	0
Available For Prosecution		306	300	606
Less Rejects				
Camera Malfunction	Face Camera Flash	16-05%	0-00%	16-03%
	Face Camera Focus Blurry	1-00%	0-00%	1-00%
	Face Camera No Flash	3-01%	0-00%	3-00%
	Image Missing	0-00%	3-01%	3-00%
	Misc Camera Issue	3-01%	0-00%	3-00%
	Plate Not in Frame	3-01%	0-00%	3-00%
	Rear Plate Camera Blurry	2-01%	1-00%	3-00%
	Rear Plate Flash Inappropriate	0-00%	1-00%	1-00%
Police Rejects	Driver Unidentifiable images poor	46-15%	7-02%	53-09%
	Unclear Scene Image	3-01%	0-00%	3-00%
Process Issues	Too Old	8-03%	11-04%	19-03%

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Customer Management Report (Walnut) All Detection Types

01-Apr-2013 to 30-Apr-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total	85-28%	23-08%	108-18%
Approved Violations	221-72%	277-82%	498-82%
Total Notices Printed	221-72%	277-82%	498-82%

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Customer Management Report (Walnut) All Detection Types

01-May-2013 to 31-May-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		567	434	1001
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	8	4	12
	Motor Cycle Helmet	1	1	2
	Plate Obstruction	11	9	20
	Vehicle Obstruction	5	3	8
Police Rejects	Driver Obstructed	6	1	7
	Emergency Vehicle Responding	11	3	14
	Gender Mismatch	1	0	1
	Incorrect/Incomplete DMV	2	4	6
	Invalid Offense	1	3	4
	Non-violation - Late Stop	37	33	70
	Police Discretion	2	3	5
	Safe Turn On Red	4	1	5
	Sun Glare	9	0	9
	Policy/Weather	Extended Vehicle	2	0
Sun Glare		15	1	16
Weather/Nature		0	1	1
Registration Issues	Out of Country Plate	1	0	1
	Paper Plates	19	19	38
Total		135	86	221
Sub Total Violations		432	348	780
Less in Progress		0	0	0
Available For Prosecution		432	348	780
Less Rejects				
Camera Malfunction	Face Camera Focus Blurry	6-01%	0-00%	6-01%
	Face Camera No Flash	1-00%	0-00%	1-00%
	Face Not in Frame	1-00%	0-00%	1-00%
	Plate Not in Frame	2-00%	0-00%	2-00%
	Rear Plate Camera Blurry	1-00%	2-01%	3-00%
Police Rejects	Driver Unidentifiable images poor	220-51%	34-10%	254-33%
Total		231-53%	36-10%	267-34%
Approved Violations		201-47%	312-90%	513-66%
Total Notices Printed		201-47%	312-90%	513-66%

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Customer Management Report (Walnut) All Detection Types

01-May-2013 to 31-May-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Jun-2013 to 30-Jun-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		553	411	964
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	5	2	7
	Motor Cycle Helmet	0	4	4
	Plate Obstruction	8	3	11
	Vehicle Obstruction	5	2	7
Police Rejects	Driver Obstructed	1	4	5
	Emergency Vehicle Responding	3	2	5
	Incorrect/Incomplete DMV	0	2	2
	Invalid Offense	2	1	3
	Non-violation - Late Stop	87	38	125
	Police Discretion	10	0	10
	Sun Glare	27	0	27
Policy/Weather	Extended Vehicle	3	0	3
	Sun Glare	5	0	5
Registration Issues	Paper Plates	10	24	34
Total		166	82	248
Sub Total Violations		387	329	716
Less in Progress		0	0	0
Available For Prosecution		387	329	716
Less Rejects				
Camera Malfunction	Face Camera Flash	3-01%	0-00%	3-00%
	Face Camera Focus Blurry	1-00%	0-00%	1-00%
	Face Not in Frame	1-00%	0-00%	1-00%
	Misc Camera Issue	2-01%	0-00%	2-00%
	Plate Not in Frame	2-01%	0-00%	2-00%
	Rear Plate Camera Blurry	0-00%	3-01%	3-00%
	Rear Plate Flash inappropriate	1-00%	0-00%	1-00%
Police Rejects Process Issues	Driver Unidentifiable Images poor	150-39%	26-08%	176-25%
	Too Old	15-04%	16-05%	31-04%
Total		175-45%	45-14%	220-31%
Approved Violations		212-55%	284-88%	496-69%
Total Notices Printed		212-55%	284-88%	496-69%

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Customer Management Report (Walnut) All Detection Types

01-Jun-2013 to 30-Jun-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Jul-2013 to 31-Jul-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		508	457	965
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	1	2	3
	Motor Cycle Helmet	0	3	3
	Plate Obstruction	15	9	24
	Vehicle Obstruction	7	2	9
Police Rejects	Driver Obstructed	1	4	5
	Emergency Vehicle Responding	9	5	14
	Incorrect/Incomplete DMV	3	7	10
	Invalid Offense	4	4	8
	Non-violation - Late Stop	98	21	119
	Police Discretion	27	1	28
	Sun Glare	10	0	10
Policy/Weather	Extended Vehicle	1	1	2
	Sun Glare	1	0	1
Registration Issues	Out of Country Plate	0	1	1
	Paper Plates	13	21	34
Total		190	81	271
Sub Total Violations		318	376	694
Less in Progress		0	0	0
Available For Prosecution		318	376	694
Less Rejects				
Camera Malfunction	Plate Not in Frame	1-00%	0-00%	1-00%
	Rear Plate Camera Blurry	0-00%	2-01%	2-00%
	Rear Plate Flash Inappropriate	0-00%	1-00%	1-00%
Police Rejects Process Issues	Driver Unidentifiable images poor	125-39%	42-11%	167-24%
	Too Old	0-00%	1-00%	1-00%
Total		126-40%	46-12%	172-25%
Approved Violations		192-60%	330-88%	522-75%
Total Notices Printed		192-60%	330-88%	522-75%

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Customer Management Report (Walnut) All Detection Types

01-Aug-2013 to 31-Aug-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		598	464	1062
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	3	2	5
	Motor Cycle Helmet	4	1	5
	Plate Obstruction	12	5	17
	Vehicle Obstruction	19	0	19
Police Rejects	Driver Obstructed	5	2	7
	Emergency Vehicle Responding	15	7	22
	Incorrect/Incomplete DMV	3	7	10
	Invalid Offense	3	2	5
	Non-violation - Late Stop	88	36	124
	Police Discretion	33	1	34
	Safe Turn On Red	1	0	1
	Sun Glare	2	0	2
	Policy/Weather	Extended Vehicle	2	0
	Sun Glare	7	0	7
Registration Issues	Paper Plates	23	17	40
Total		220	80	300
Sub Total Violations		378	384	762
Less In Progress		0	0	0
Available For Prosecution		378	384	762
Less Rejects				
Camera Malfunction	Face Camera Flash	2-01%	0-00%	2-00%
	Face Camera Focus Blurry	1-00%	0-00%	1-00%
	Misc Camera Issue	1-00%	0-00%	1-00%
	Rear Plate Camera Blurry	2-01%	0-00%	2-00%
	Rear Plate Flash Inappropriate	0-00%	1-00%	1-00%
	Scene Image Flash Inappropriate	0-00%	1-00%	1-00%
Police Rejects Process issues	Driver Unidentifiable images poor	175-46%	52-14%	227-30%
	Too Old	0-00%	1-00%	1-00%
Total		181-48%	55-14%	236-31%
Approved Violations		197-52%	329-86%	526-69%
Total Notices Printed		197-52%	329-86%	526-69%

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Customer Management Report (Walnut) All Detection Types

01-Aug-2013 to 31-Aug-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Sep-2013 to 30-Sep-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		631	482	1113
Less Uncontrollable Factors				
Obstruction	Driver Obstruction/Duckers	4	1	5
	Motor Cycle Helmet	0	2	2
	Plate Obstruction	18	8	24
	Vehicle Obstruction	48	7	55
Police Rejects	Driver Obstructed	9	3	12
	Emergency Vehicle Responding	8	8	14
	Incorrect/Incomplete DMV	4	8	12
	Invalid Offense	0	4	4
	Multiple vehicles in frame	1	0	1
	Non-violation - Late Stop	66	37	103
	Police Discretion	38	8	44
Policy/Weather	Extended Vehicle	4	0	4
	Sun Glare	9	0	9
Registration Issues	Paper Plates	12	21	33
Total		215	107	322
Sub Total Violations		416	375	791
Less in Progress		0	0	0
Available For Prosecution		416	375	791
Less Rejects				
Camera Malfunction	Face Camera Flash	9-02%	1-00%	10-01%
	Face Camera Focus Blurry	2-00%	0-00%	2-00%
	Face Not In Frame	8-02%	0-00%	8-01%
	Misc Camera Issue	2-00%	0-00%	2-00%
	Plate Not in Frame	5-01%	0-00%	5-01%
	Rear Plate Camera Blurry	9-02%	2-01%	11-01%
Police Rejects Process Issues	Driver Unidentifiable images poor	209-50%	66-18%	275-35%
	Too Old	47-11%	60-16%	107-14%
Total		291-70%	129-34%	420-53%
Approved Violations		125-30%	246-66%	371-47%
Total Notices Printed		125-30%	246-66%	371-47%

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Customer Management Report (Walnut) All Detection Types

01-Sep-2013 to 30-Sep-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Oct-2013 to 31-Oct-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents	408	432	840
Less Uncontrollable Factors			
Obstruction			
Driver Obstruction/Duckers	3	3	6
Plate Obstruction	8	7	15
Vehicle Obstruction	30	10	40
Police Rejects			
Driver Obstructed	2	0	2
Emergency Vehicle Responding	5	4	9
Incorrect/Incomplete DMV	1	0	1
Invalid Offense	1	3	4
Non-violation - Late Stop	29	21	50
Police Discretion	24	4	28
Safe Turn On Red	2	0	2
Policy/Weather			
Extended Vehicle	3	0	3
Sun Glare	15	2	17
Weather/Nature	0	1	1
Registration Issues			
Out of Country Plate	1	0	1
Paper Plates	15	17	32
Total	139	72	211
Sub Total Violations	269	360	629
Less in Progress	0	0	0
Available For Prosecution	269	360	629
Less Rejects			
Camera Malfunction			
Face Camera Flash	11-04%	0-00%	11-02%
Face Camera Focus Blurry	6-02%	0-00%	6-01%
Face Camera No Flash	1-00%	0-00%	1-00%
Plate Not In Frame	1-00%	0-00%	1-00%
Rear Plate Camera Blurry	2-01%	3-01%	5-01%
Rear Plate Flash Inappropriate	1-00%	1-00%	2-00%
Police Rejects Process Issues			
Driver Unidentifiable Images poor	130-48%	46-13%	176-28%
Too Old	7-03%	11-03%	18-03%
Total	159-59%	61-17%	220-35%
Approved Violations	110-41%	299-83%	409-65%
Total Notices Printed	110-41%	299-83%	409-65%

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Customer Management Report (Walnut) All Detection Types

01-Oct-2013 to 31-Oct-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAN-01	TOTAL
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Customer Management Report (Walnut) All Detection Types

01-Nov-2013 to 30-Nov-2013

Operator Id: %

		WAL-AMGR-01	WAL-GRAM-01	TOTAL
Total Processed Incidents		360	455	815
Less Uncontrollable Factors				
Obstruction	Motor Cycle Helmet	1	0	1
	Plate Obstruction	9	5	14
	Vehicle Obstruction	23	4	27
Police Rejects	Driver Obstructed	7	12	19
	Emergency Vehicle Responding	2	7	9
	Incorrect/Incomplete DMV	2	3	5
	Invalid Offense	1	2	3
	Non-violation - Late Stop	51	73	124
	Police Discretion	31	11	42
	Safe Turn On Red	4	1	5
	Sun Glare	0	1	1
	Policy/Weather	Extended Vehicle	2	0
	Sun Glare	8	2	10
Registration Issues	Out of Country Plate	0	1	1
	Paper Plates	11	18	29
Total		152	140	292
Sub Total Violations		208	315	523
Less in Progress		0	0	0
Available For Prosecution		208	315	523
Less Rejects				
Camera Malfunction	Face Camera Flash	1-00%	0-00%	1-00%
	Face Camera Focus Blurry	9-04%	1-00%	10-02%
	Misc Camera Issue	8-04%	0-00%	8-02%
	Plate Not in Frame	6-03%	0-00%	6-01%
	Rear Plate Camera Blurry	3-01%	2-01%	5-01%
	Rear Plate Flash Inappropriate	2-01%	2-01%	4-01%
	Scene Image Flash Inappropriate	2-01%	0-00%	2-00%
Police Rejects Process Issues	Driver Unidentifiable images poor	102-49%	60-19%	162-31%
	Too Old	2-01%	12-04%	14-03%
Total		135-65%	77-24%	212-41%
Approved Violations		73-35%	238-76%	311-59%
Total Notices Printed		73-35%	238-76%	311-59%

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Customer Management Report (Walnut) All Detection Types

01-Nov-2013 to 30-Nov-2013

Operator Id: %

	WAL-AMGR-01	WAL-GRAM-01	TOTAL
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