

Regular Workshop – February 18, 2014  
Agenda Item #7

Agenda Item: Automated License Plate Recognition System Update

Presenter: Police Chief

Summary: The Police Chief will provide an update on the current status of the system. He will discuss the increased level of Police activity related to the system's activation and its value as an investigative tool and for crime prevention. A PowerPoint presentation will be utilized to illustrate the system's effectiveness.

Attachments: 2-6-14 Memo, Police Chief to Manager;  
PowerPoint Presentation

Recommended

Action: None, informational only.

## M E M O R A N D U M

Date: February 05, 2014

**TO:** Dave Bullock, Town Manager  
**FROM:** Pete Cumming, Police Chief  
**SUBJECT:** Automated License Plate Recognition System Update

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The Automated License Plate Recognition (ALPR) system consists of a set of stationary infrared cameras mounted at precise locations to effectively analyze every licensed motor vehicle entering and exiting the Town of Longboat Key. The cameras are designed to capture images of license plates and instantly transmit the information to local, state, and national data centers where the official registration records are queried and compared with databases dedicated to provide specific public safety related information. The usefulness of captured license plate images has an immediate impact on crime and the safety of Longboat's citizens. Validated images of license plates provide the ability to detect and deter crime, address nuisance and safety issues related to criminal investigations, and civil and criminal traffic offenses, and provide useful and intelligence information in support of Domestic Security initiatives.

In August of 2013, the ALPR cameras were activated and the police department began receiving data. During the average eight hour shift, the police dispatcher, who is responsible for monitoring the activity generated by the ALPR system, receives in excess of 100 alerts that require immediate attention.

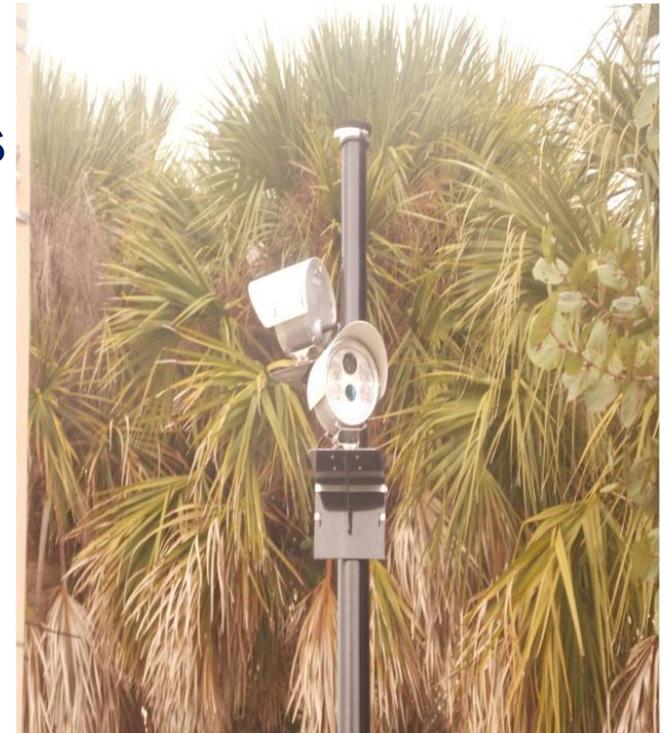
The dispatcher must view the image displayed on a digital monitor and decipher the nature of the alert determining whether the notification is criminal, civil, or public safety related. The dispatcher must then confirm that the alert being transmitted matches the actual license plate affixed to the vehicle by viewing the image. Once the visual confirmation is accomplished, the alert/violation must be verified through the Criminal Justice Information System (CJIS), or the originating agency responsible for submitting the infraction or arrest warrant. After authenticating the alert, the dispatcher will notify the patrol officer with a license plate, make, model, color, and direction of travel and will simultaneously confirm the identity of the registered owner through the Department of Motor Vehicles (DMV) obtaining the name, age, and address along with a digital photographic image. This critical information is being radioed to the officer during the search for the violator. The Police Department's five full-time dispatchers have been trained and are qualified in the operation of the ALPR system.

Since the implementation of the ALPR system, through December 31, 2013, the Patrol Division conducted 381 traffic stops with 197 in response to alerts generated by the camera system.



# AUTOMATED LICENSE PLATE RECOGNITION SYSTEM

- **Stationary cameras located on each end of the Island**
- **Captures images of license plates**
- **Instantly compares the scanned plates to Local, State, and National databases**





## **AUTOMATED LICENSE PLATE RECOGNITION SYSTEM**

- **Sends a “hit” to police dispatch where dispatchers confirm the status**
- **Dispatchers radio patrol officers who search for the vehicle**
- **Upon locating the vehicle, officers again verify the information matches the documentation provided in the database**



## DURING AN AVERAGE 8 HOUR SHIFT

- Dispatcher reviews an average of 108 “hits”
- Verifies the license plate matches the “hit”
- Verifies direction of travel

Mobile-Vision - Notification Client - Version: 1.0.3 - 07/16/13 16:35

#	License Plate	Event Time
1	G057FQ	2014.02.10 11:24:02
2	592YCE	2014.02.10 11:23:12
3	158NRB	2014.02.10 11:19:33
4	776MXJ	2014.02.10 11:17:53
5	H216JM	2014.02.10 11:17:52
6	33200A	2014.02.10 11:16:00

Page Details

**License Plate:** G057FQ  
**Event Time:** 2014.02.10 11:24:02 EST  
**Unit Name:** South Longboat Key  
**Lane:** South Bound  
**Hotlist Name:** Expired Tags  
**Reason:**  
**Originating State:**  
**GPS Coordinates:** 27.33663,-82.58489  
**Patch Image:** 

**Overview Image:** 

ected



# INVESTIGATIVE RESPONSIBILITIES IN DISPATCH

- **Logs / records sexual offenders entering and leaving the island**
- **Performs searches for suspect vehicles or persons wanted in relation to reported crimes**
- **Provides information to our administrative staff and other agencies for investigative purposes to assist in solving crimes**

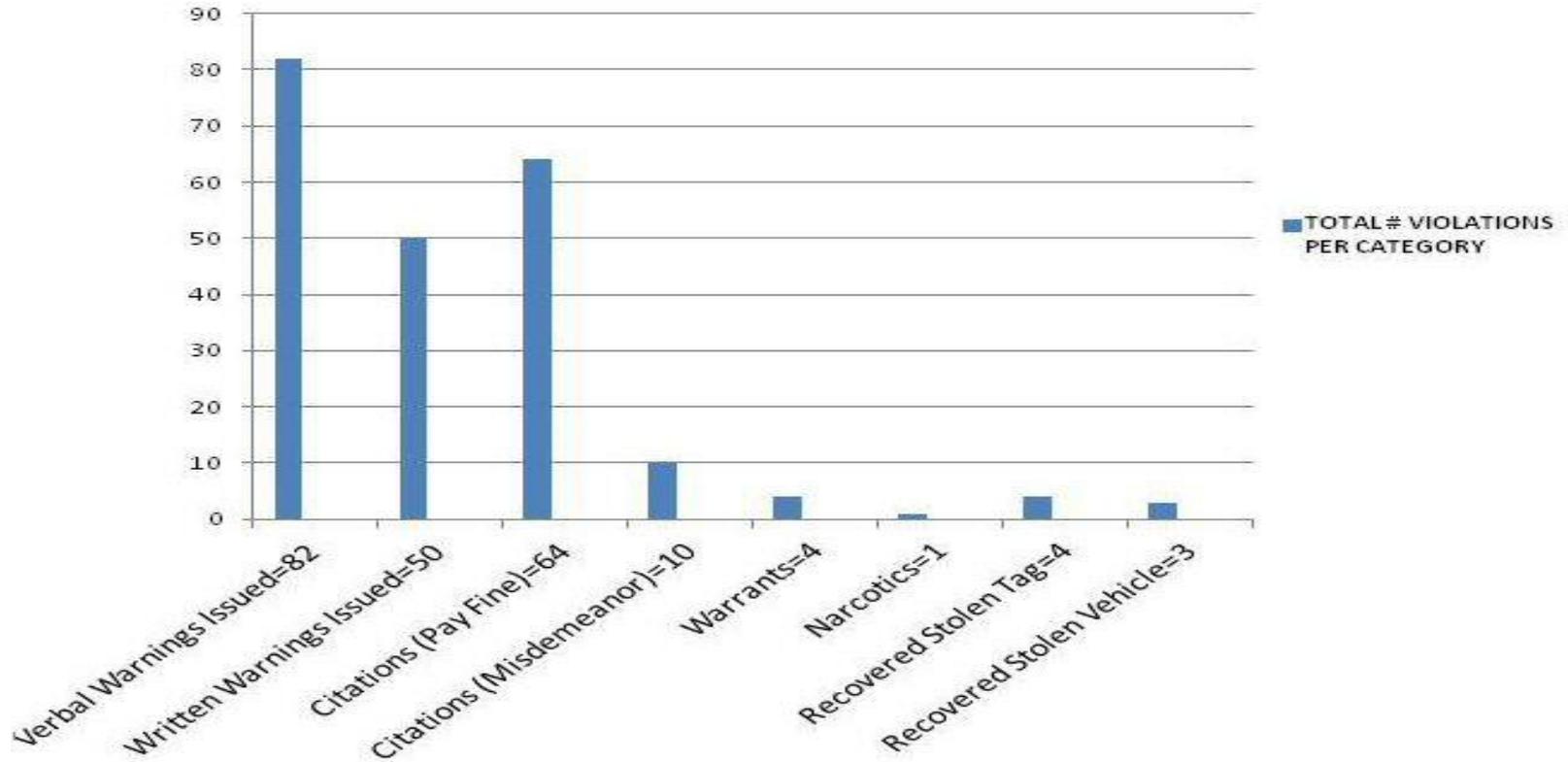


## PATROL ACTIVITY

- **Since the implementation in mid 2013 through December 2013, a total of 197 traffic stops have been conducted as a result of the ALPR camera system**
- **100 % Increase**



# PATROL ACTIVITY





## **INVESTIGATIVE AND CRIME PREVENTION USES**

- **When a suspect and/or vehicle are known, the database may be searched providing evidence linking the suspect to the crime**
- **Information relating to criminal activity in other jurisdictions may be entered in the database to alert dispatch when persons of interest or suspects enter Longboat Key**



## **INVESTIGATIVE AND CRIME PREVENTION USES (cont'd)**

- **Amber Alerts and Silver Alerts are immediately sent to dispatch**
- **Data produced by the ALPR system is accepted by State and Federal courts as admissible evidence**



# AUTOMATED LICENSE PLATE RECOGNITION (ALPR) SYSTEM

# QUESTIONS ?



**End of Agenda Item**