



# THE CITY OF RALEIGH, NORTH CAROLINA

POST OFFICE BOX 590 • RALEIGH, NORTH CAROLINA 27602 • 919-996-3385

HARRY P. DOLAN  
CHIEF OF POLICE

September 15, 2012

**VIA FIRST CLASS MAIL**

Christopher A. Brook  
Legal Director  
American Civil Liberties Union of North Carolina  
PO BOX 28004  
Raleigh, NC 27611-8004

RE: Response to Public Record Request Regarding Automatic License Plate Readers

Dear Mr. Brook,

This letter is in response to your correspondence of July 30, 2012 in which you request information and documents related to the City of Raleigh Police Department's use of Automatic License Plate Readers. I will respond directly to each specific request below.

1. All records regarding your policies, practices, and procedures for procuring and using ALPR technology, and for storing, accessing and sharing data obtained through ALPR technology;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

2. All records regarding the procurement of ALPR technology, including:
  - a. Sources of funds used to pay for ALPR technology;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

POLICE DEPARTMENT

6716 SIX FORKS ROAD RALEIGH, NORTH CAROLINA 27615 • 919-996-3335

*Fairness—Integrity—Compassion—Commitment—Accountability—Preservation of Life—Innovative Leadership—High Caliber Service*

- b. Invoices for the purchase of ALPR technology;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- c. Local government approval for ay ALPR purchase;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- d. Interactions with vendors, suppliers and potential suppliers of ALPR technology, including materials and fact sheets supplied by vendors describing their products;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

3. All records regarding the use of ALPR technology, including

- a. What types of data are obtained;

**RESPONSE:** A color image as well as an infrared image in the direction of the license plate are obtained.

- b. Number of license plates scanned and/or read in a given time period (day, month, year, etc.);

**RESPONSE:** The City of Raleigh Police Department does not keep records of the number of license plates scanned and/or read in any given time period.

- c. The number of ALPR units or systems acquired;

**RESPONSE:** Seven

- d. The number of vehicles equipped with ALPR technology;

**RESPONSE:** Six

- e. For stationary deployments, the number and physical location of ALPR units;

**RESPONSE:** One is mounted on a mobile trailer.

- f. The technical capabilities of all ALPR units;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

4. All records regarding the storage of data obtained using ALPR technology, including:

- a. What types of data are stored for any period longer than one hour;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- b. How long data is stored;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- c. When data must be discarded;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- d. How many individual license plate scan records your agency currently stores;

**RESPONSE:** As indicated in response to question 3(b), the City does not maintain this specific information.

5. All records regarding access to ALPR data, including:

- a. The legal justification required before an individual accesses ALPR data;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- b. Purposes for which the data may be accessed;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- c. Purposes for which the data may not be accessed;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- d. Who may access data, what procedures they must go through to obtain access, and who must authorize access;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- e. The existence or non-existence of a system that records who accesses the data and when the data is accessed;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

6. All records regarding the sharing of data obtained through ALPR technology, including:

- a. What type of data is shared;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

- b. Which databases your agency puts collected ALPR data into;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G. 132.1.7.

- c. Third parties, governmental or private, that may access your agency's ALPR data, including what procedures third parties must go through in order to access the data and any restrictions placed on third parties regarding further sharing of you ALPR data;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

d. Any agreements to share ALPR data with outside agencies, corporations, or other entities;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

7. All records regarding obtaining ALPR data from third parties, including which databases your agency can access;

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

8. All training materials used to instruct members of your agency in ALPR deployment, data management, or operation of automated records systems that contain ALPR data to which any member of your agency has access, including regional or shared LPR databases.

**RESPONSE:** The enclosed documents contain all public records, as defined by N.C.G.S 132-1, et. seq. in the possession of the Raleigh Police Department that are responsive to this request. Any documentation in the possession of the Raleigh Police Department which has not been enclosed is considered to be exempt from public disclosure in accordance with N.C.G.S. 132-1.4 and/or N.C.G.S. 132-1.7.

I hope you find this information responsive to your request. If I can be of any additional assistance, please do not hesitate to let me know.

Sincerely,



Harry P. Dolan  
Chief of Police  
Raleigh Police Department

Enclosures

# **ALPR (Automated License Plate Recognition) Instructions**

## **Important:**

- AN ALERT FROM THIS SYSTEM IS NOT PROBABLE CAUSE/REASONABLE SUSPICION FOR A STOP. Verify all alerts against NCIC before taking action. The system does not recognize states, so the wanted/stolen vehicle may be for a plate from another state. Also, some alerts do not require action, like sex offenders and VGOTF (Violent Gang/Terrorist info).

## **Starting your shift:**

Boot the MCT as normal. The PAGIS software should come up on its own (it sometimes takes a few minutes after the computer boots). The username is RPD and the password is RPD (all upper case). Leave the LOCATION box blank. After the software is up, click BEGIN SHIFT (this isn't required, but it tells the system to go ahead and get the latest stolen hotlist, instead of waiting for a periodic update).

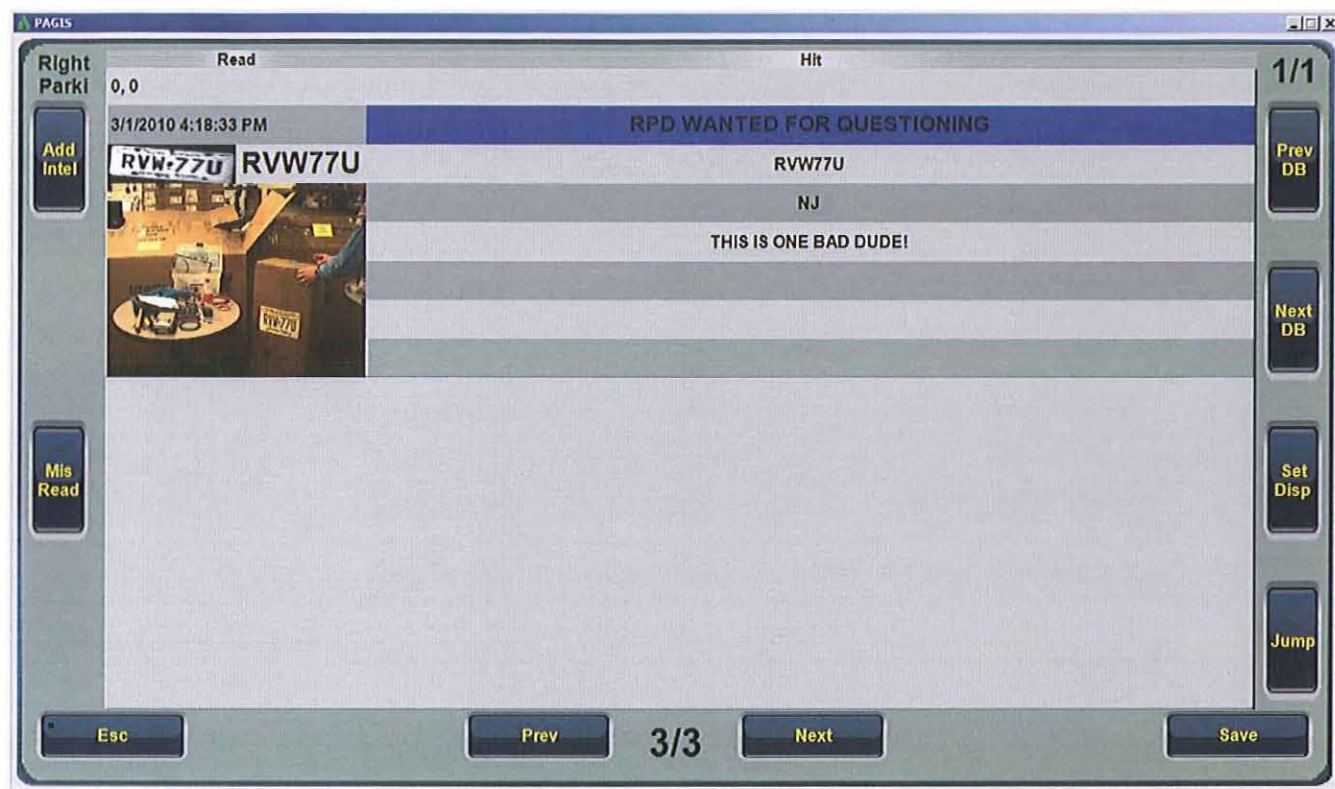
## **While you drive:**

You do not need to keep the PAGIS software on the screen. It will beep lightly when it reads a plate to let you know it is working. If it alerts, the program will take over the screen, in case you have another program open.

To switch between parking lot mode (using the side cameras and the right front camera) or travel mode (uses the two front cameras and the right side camera), click on the "CAM MODE" button. It will take 2-3 seconds to switch modes. You can tell which mode it is currently in by looking at the top of the display (it will label each camera Left Front and Right Front, or they will be called Left Parking and Right Parking).

When you get an alert, note the license plate of the alert, as well as the license plate in the picture. The system CAN misread a plate and give you a false hit. If the plates match, look at the STATE of the alert. Then run the plate in NCIC. The hotlist on the computer is only updated every 12 hours (at best), so the alert you get could be something that's already been removed from NCIC.

As an example....



The plate scanned shows on the left side of the screen (in the larger letters). A picture of the plate and the vehicle (which, in this case, is a cardboard box) shows underneath. Be sure the system read the plate correctly. Next, verify the plate's state to be sure the hit isn't for a plate from a different state.

Note that you will get alerts that do not always require action: Sex offenders, VGOTF (Gang/Terrorists), supervised probation/parole releases, etc. Just keep this in mind...

You can search for license plates that you've read previously in your shift. For example, a bank robbery is given out with a suspect vehicle license plate of ABC123. You can click on "SEARCH ENTRY", then enter the license plate (or enter partial plates followed by an asterisk, such as ABC\*). Then click READS. This will list all matching plates you've read during your shift. You can then view the picture from each read and see if your suspect vehicle was scanned before. If so, copy and paste the latitude and longitude (in the upper left) to Google Maps to see where you were when you scanned that plate.

Plate reads from other shifts will have been uploaded to the server, where they can be searched later by detectives (once we've set this feature up).

To see what will happen when the system encounters a stolen plate or vehicle, click on "SEARCH ENTRY". Then enter a stolen plate or vehicle (check RPDnet's Stolen Vehicle Log) and click "VLP". This

will search for the plate in the local database, and trigger an alert, as if the plate had been read by a camera. There is a different alert sound for each hit type (stolen car, stolen plate, wanted person, etc).

To manually enter a plate (a new stolen vehicle, or suspect in a crime that just occurred), click "SEARCH ENTRY", enter the plate, and click "VLP". If the plate is not already in the database, you can click one of the buttons at the top (Amber Alert, Felony, Stolen, Misc), type some notes, and click SAVE. The system will then alert on that plate, until you click END SHIFT.

#### **Ending your shift:**

Clicking END SHIFT uploads your license plate reads and associated images. It then clears the reads from your computer, as well as the tags you've entered manually. Once the END SHIFT process is complete, you may close the program, shut down the computer, and turn off the ALPR system (using the on/off switch next to the console).

#### **Questions? Problems?**

Call John Maultsby at 996-1145 (office) or 278-6344 (cell).

## RPDnet: Using BOSS (ALPR search)

### Important Note:

- Checking a plate on ALPR should be reserved for the same situations as checking a plate on DCI/DMV. You should only check plates for a valid law enforcement purpose, and the information should not be disseminated outside of law enforcement. The information contained in the system is not considered public information.
- Access to BOSS is only for supervisors. Others needing to research a plate should contact the RIC center. To gain access, print and sign this form, and interoffice to Officer Maultsby (at the Cabarrus Station).
- Only 10 people throughout the department can be logged in to BOSS at the same time. Please close the program if you are not active using it. Only the RIC center should have the program online if not actively using it.

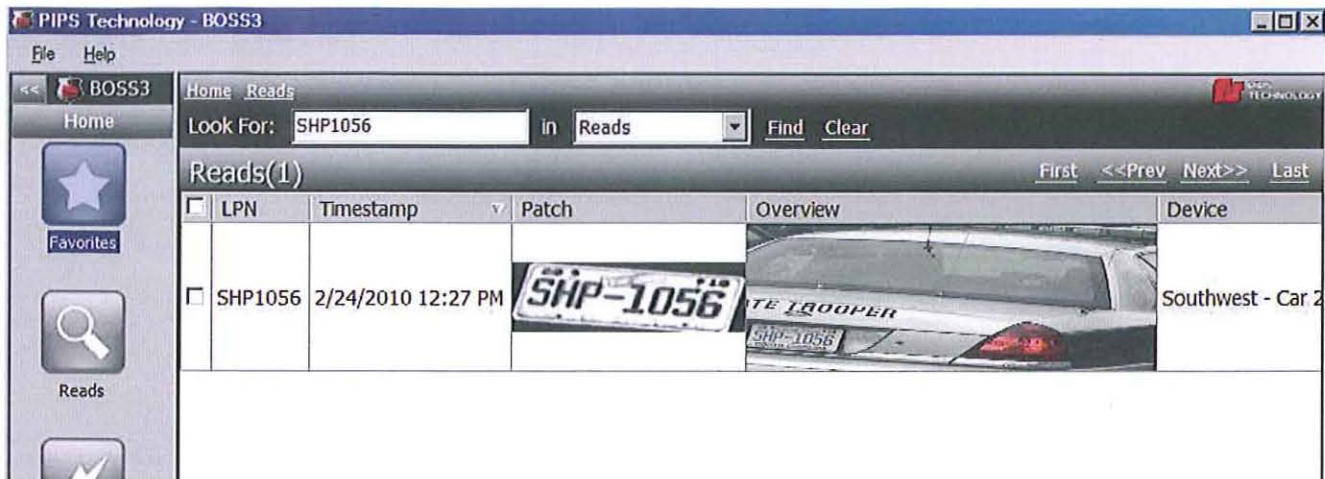
### Installing BOSS:

- First, submit the form above to activate your account on the BOSS server.
- [Go to this link to install the BOSS program](#). It will add an icon to your desktop.
- Double-click on the icon to run the program.
- Click on the line that says "BOSS Server", and enter "polapp" as the server address.

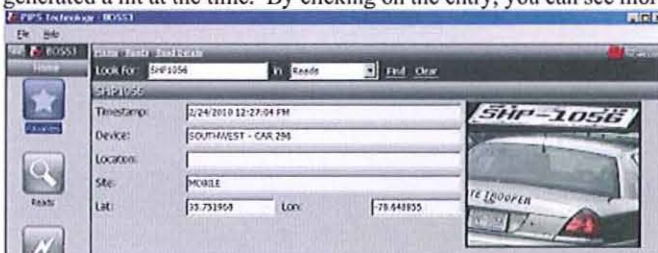
- Your username should appear in the "Login" field. Click OK. Enter the password you were provided..
- On the left side, click "Admin", then "Preferences". You may now change your password on this screen. Note: "PAGIS Password" only applies when logging on to an MCT in the ALPR cars. This is blank for most people, but you can set the password, if you'd like.
- If you would like to be emailed when an ALPR system generates a hit, enter your email address and set "Alerts Via" to "email" or "both". This will also email when a suspect vehicle from a KOPS report is scanned, even though the officer in the car is not notified. These hits may or may not require action. You would need to read the case report to determine if any action is required.
- Click "Save".

## To Search for Plate Reads:

- To perform a quick search for a specific plate, at the top of the screen enter the plate in "Look For" and select "Reads". Then click the "Find" button. To search for partial plates, you can use the asterisk (\*) to replace the characters you don't know. Note: Searches using this method do not limit the responses. So, if you enter a partial plate that may return thousands of results, you'll have to wait for all those results to display. If you want to limit your results, choose the "Read" button on the left toolbar.



- The list of matching plates is displayed. You can scroll to the right to see some details, such as which ALPR car saw the plate, and if it generated a hit at the time. By clicking on the entry, you can see more details:



- From this point, you can click on the picture of the vehicle or the picture of the plate to enlarge it. While the picture is enlarged, you can copy it to your clipboard with Alt-PrintScreen, and then paste it to a Word document, email, etc.
- Back at the results screen, if multiple results were returned, you can check the box to the left of each entry you're interested in, and click "Plot on Map" at the bottom of the screen.
- For detailed searches, click the "Home" menu and select "Reads":



- Enter as many or as few fields as you'd like to search for. In this example, we are searching for all plates scanned between 6:11am and 10:11am within a half-mile of 500 Bragg St. (Note, the "location" field is not used. Only use the "near address" field).
- If you search using this method, the number of results may be limited. Click the "Advanced" button to change the maximum number of results.

Tips for searching for plates:

- The system sometimes misreads plates, but you can try your search a few different ways.
- Let's say I'm searching for AWM1234. I know the system can misread W and M. So, I could try searching for "A\_\_1234". By using two underscores, it searches for plates that start with A, end with 1234, and have any two characters in between.
- If you are searching for a partial plate, use the wildcards % or \*. For example, if my suspect vehicle has a partial plate ending with 5678, I would search for "\*5678" or "%5678" (they both work the same).
- To search for multiple plates at the same time, separate them with commas. For example: ABC123,XYZ456,TWA234. You cannot

use wildcards when entering multiple plates.

- For questions, please contact Officer J.T. Maulsby at 996-1145.

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## User Agreement for access to BOSS and ALPR data

I understand that,

- \_\_\_ Use of BOSS and access to the ALPR (Automated License Plate Recognition) database is strictly limited to official law enforcement purposes only;
- \_\_\_ Access to the ALPR database must be approved by a supervisor. Supervisory approval must be obtained in advanced for each instance of access;
- \_\_\_ Any and all information gathered by the ALPR system is a confidential law enforcement record and shall not be considered to be a public record;
- \_\_\_ Data obtained and/or stored through the use of the ALPR system may be shared with other law enforcement agencies who request access for a legitimate law enforcement purpose only upon approval by the Chief of Police or his designee.

Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Code No. \_\_\_\_\_

Date \_\_\_\_\_

Instructions: Print this form, **initial beside each bullet point**, write your name, sign, write your code number and date, and interoffice this form to Officer Maulsby (at the Cabarrus Station). You will be emailed when your account is activated.

[Return to RPDnet main page](#)

Boomerang II Raven	\$8,667.84 \$6,500.00	CAGI	902109 208	Detective Division - TARU	
Alvarion Base Station 1 Alvarion Base Station 2 Alvarion Base Station 3	\$45,375.00	2009 JAG-Reg	S6871944 S3421863 S3421864	Detective Division - TARU	
License Plate Reader 1 License Plate Reader 2	\$18,700.00 \$18,700.00	GHSP-Heed the Speed	KX021051100018 KX021051100070	Field Operations - Districts	✓
License Plate Reader 1 License Plate Reader 2 License Plate Reader 3	\$18,700.00 \$18,700.00 \$18,700.00	GCC-LPR	KX021051100003 KX021051100020 KX021051100016	Field Operations - Districts	✓
Remote Firing Device	\$7,546.64	NCEM-HS Bomb	000572	Special Operations-Bomb	

Requisition #: 0000010759



**General Sales Administration, Inc.**

**T/A Major Police Supply**

47 N. Dell Ave

Kenvil, NJ 07847

Phone (800) 666-4472 Fax (973) 584-5022

*August 23, 2011*

**Mr. Lawrence Cullipher  
Raleigh Police Department  
6716 Six Forks Road  
Raleigh, NC 27615**

**REF: SuperX II / P362 Obsolescence Plan**

I'm pleased to provide you with this quote for (1) one Mobile ALPR systems "hard" mounted and integrated into a laptop on your vehicle.

Key points about Federal Signal PIPS in the ALPR market:

- For more than 17 years, PIPS has **only** focused on Automatic License Plate Recognition technologies.
- As an Original Equipment Manufacturer, we design, manufacture, and develop our own hardware and software - we control the quality and support of our products from start to finish.
- PIPS offers an ALPR "back-end" analysis software package (BOSS) that provides data-mining of "historic" license plate information obtained and stored from all deployed mobile (and fixed) systems within your department.
- PIPS has two patents:
  - **PlateFinder** - Identifies license plates based on reflective properties and physical size of plates, which reduces false triggers (mailboxes, picket fences, street signs, etc.).
  - **TripleFlash** - Varies flash, shutter and gain settings to capture multiple images per vehicle, ensuring a quality image over a wide range of ambient and environmental conditions.

**PROPOSAL:**

Item	Qty	Equipment and Software Purchase Order #1	List Item Cost
1	1	<b>SLATE-750-LE-G:</b> Four Camera Mobile Law Enforcement Package including 750nm Illumination, SuperX processor, camera cable/connector(s), GPS module, PAGIS software and dongle, PIPS ALPR/OCR Engine, Client/Server architecture, camera bracket mount assemblies.	\$8500.
		<b>BOSS-ADMIN:</b> Back Office System Software utilizing Microsoft SQL Express Server Software for system administration, data analysis and data storage. Provides data mining, reporting, mapping via Google Maps, remote alerting, and networking in support of inter-agency data sharing. <b>Note: Software includes one Admin plus 2 concurrent User Licenses.</b>	N/A
		BOSS-SRVR PIPS rack server hardware platform for use with the BOSS Back Office Software System for customer data storage and application functionality. Main server elements include Quad Core 2 GHz Processor configuration with 4 GB memory, 750 GB Hard Drive and Windows Server 2003 OS.	N/A
		<b>BOSS-MAP:</b> Advanced mapping utilizing BING MAPS. Provides enhanced mapping functionality including satellite imagery, bird's eye, and multiple view options	N/A
		<b>Total</b>	<b>\$8500.</b>

**NOTE 1:** This quote includes freight costs but does not include appropriate sales tax and is subject to the attached PIPS' standard terms, conditions and warranties.

**Scope of Work:**

Our quote ***includes*** installation to be conducted by Federal Signal Corporation.

**Note 2:** All PIPS equipment hardware and software is covered by a one-year parts and labor warranty. Extended warranty agreements are available for either the complete system including hardware and software or an option for software only. These agreements supply the end user with upgrades and improvements to our OCR engine for enhanced plate detection capabilities and software upgrades sold by PIPS Technology, Inc.

<b>Per Mobile Unit Extended Warranty (Hardware and Software)</b>	<b>Unit Cost</b>
2 <sup>nd</sup> Year -Annual Mobile System Warranty Renewal	\$2,000
3 <sup>rd</sup> Year -Annual Mobile System Warranty Renewal	\$2,000
4th Year -Annual Mobile System Warranty Renewal	\$2,000
5th Year -Annual Mobile System Warranty Renewal	\$2,000
<b>NOTE:</b> Above price are cumulative. I.e. total 5 yr warranty extension would be \$8,000 (1 year warranty + 4 years Extended Warranty)	

<b>Per Mobile Unit Extended Warranty (Software Only)</b>	<b>Unit Cost</b>
2 <sup>nd</sup> Year -Annual Mobile Software Warranty Renewal	\$1,250
3 <sup>rd</sup> Year -Annual Mobile Software Warranty Renewal	\$1,250
4th Year -Annual Mobile Software Warranty Renewal	\$1,250
5th Year -Annual Mobile Software Warranty Renewal	\$1,250

**NOTE 6:** The warranty fee for the BOSS Software for the first year is free. The warranty price for additional years will be adjusted according to the plan you intend on purchasing. Figures are as follows:

<b>BOSS Extended Warranty</b>	<b>Unit Cost</b>
Base Package - One administrator and two user license	\$225/year
Block of 5 concurrent user license	\$375/year
Block of 10 concurrent user license	\$750/year
Block of 25 concurrent user license	\$1,875/year
<b>NOTE:</b> The warranty can be extended for 4 additional years. Blocks of concurrent users are in addition to the base package. If an agency adds additional user licenses during the course of a year, the maintenance charge for the additional users will apply when the maintenance contract is up for renewal.	

**NOTE 7:** Our BOSS Software is compatible with several mapping utilities:

- Tiger Maps - U.S. Census Bureau mapping utility which is free, and requires no Internet connection.
- MS MapPoint - (Optional) Provides more detail than Tiger Maps and has a cost of \$150/workstation.
- MS Virtual Earth - (Optional) Provides greatest detail including satellite imagery. Cost is \$795/BOSS Server.

Please let me know if you have any questions or require any additional information.

Best Regards,

David McCollum  
 Technology Sales Representative  
**Major Police Supply**  
 Phone: 919-369-0922  
 Email: [dmcollum@majorpolicesupply.com](mailto:dmcollum@majorpolicesupply.com)

COP /

GHSP on 4/15/10 - RB

GHSP-08

**North Carolina Governor's Highway Safety Program  
Claim for Reimbursement  
Cost Summary Statement - GHSP-08**

To: Governor's Highway Safety Program  
215 East Lane Street  
Raleigh, NC 27601

From: City of Raleigh  
PO Box 590  
Raleigh, NC 27602-0590  
Phone: 919 996 4994

Project Number: PT-10-03-03-23  
Claim Number: 01

Final: Y ( ) N ( x )

Period of Claim: From: March 1, 2010 To: March 31, 2010

Cost Categories	Expenditures This Period						Expenditures To Date		
	Total Budget	Total This Period	Fed %	Federal Share	State / Local %	State / Local Share	Total Federal To Date	Total State/Local To Date	Total Project to Date
Personnel Services		\$0.00		\$0.00		\$0.00			\$0.00
Contractual Services		\$0.00		\$0.00		\$0.00			\$0.00
Commodities				\$0.00		\$0.00			\$0.00
Other Direct Cost	\$64,600.00	\$42,840.00	50%	\$21,420.00	50%	\$21,420.00			\$58,020.00
Indirect Cost		\$0.00		\$0.00		\$0.00			\$0.00
<b>Total</b>	<b>\$64,600.00</b>	<b>\$42,840.00</b>		<b>\$21,420.00</b>		<b>\$21,420.00</b>			<b>\$58,020.00</b>
<b>Total Federal Share Request for Reimbursement This Period</b>				<b>\$21,420.00</b>					

Under penalties of perjury, I certify that the billing is correct and based upon actual expenditures for the period stipulated above, and that the progress of work and services under the project agreement is consistent with the amount billed.

Allison G. Brubaker  
Signature

\_\_\_\_\_  
Controller  
Title

12-Apr-10  
\_\_\_\_\_  
Date

Expenditures To Date													
	Quarter 1			Quarter 2			Quarter 3			Quarter 4			Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Personnel													\$0.00
Contractual													\$0.00
Commodities													\$0.00
Other Direct			\$15,180.00			\$42,840.00							\$58,020.00
Indirect Cost													\$0.00
<b>Total</b>	\$0.00	\$0.00	\$15,180.00	\$0.00	\$0.00	\$42,840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$58,020.00

**North Carolina Governor's Highway Safety Program  
 Claim for Reimbursement – GHSP-08-B  
 Detail of Expense – Non-Personnel Services Costs**

Agency: City of Raleigh Police

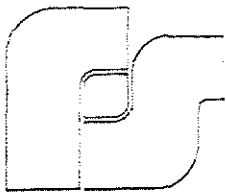
Project Number: PT-10-03-03-23

Claim Number: 1

Period of Claim From: March 1, 2010 To: March 31, 2010

Date Purchased	Description	Serial Number	Quantity	Amount
12/09/09	License Plate Reader	KX021051100018	1	\$ 18700.00
12/09/09	License Plate Reader	KX021051100070	1	\$ 18700.00
12/09/09	Warranty	N/A	2	\$ 4000.00
12/09/09	Shipping	N/A	0	\$ 190.00
/ /				\$
/ /				\$
/ /				\$
/ /				\$
/ /				\$
/ /				\$
<b>Total</b>				<b>\$ 42840.00</b>

Certified correct \_\_\_\_\_  
 (Signature)



FEDERAL SIGNAL CORP.  
Advancing Security and Well-being

**INVOICE**

PIPS Technology  
804 Innovation Drive  
Knoxville, TN 37932-2562

Send Payments To:  
PIPS Technology, Inc  
C/O Bank of America  
16027 Collection Center Drive  
Chicago, IL 60693

WIRE TRANSFERS to:  
Bank of America Chicago  
Acct No. 1288062483  
ABA No. 0260-0969-9

Bank Credit Hours: 855-392-8540  
Fax: 855-392-8555

Invoice No. 6948 SHIPPER: 5804 Page 1  
Invoice Date 02-18-10  
Our Order No. 3739

SOLD TO: 1336  
RALEIGH, CITY OF  
ATTN: ACCOUNTS PAYABLE  
PO BOX 590  
RALEIGH, NC 27602-0590

SHIP TO:  
RALEIGH, CITY OF  
POLICE INFO SERVICES  
110 S MCDOWELL ST  
RM 202  
RALEIGH, NC 27601  
USA

REP: 16 FEB DATE: 2

BILL TO NO.	CUSTOMER'S ORDER NO.	TERMS	SHIPPED VIA & TRACKING #	DATE SHIPPED
1336	1834	0.00 0 30	FED-X GRND 793282200409	02-19-10
	Charge Code CC2303	KNOXVILLE FREIGHT TERMS: Prepay and Bill		

ITEM NO.	QUAN. ORDERED	QUAN. BACK ORD.	QUAN. SHIPPED	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	2	0	2	L34DWSV	LAW ENFORCE 4-CAMERA ALPR	18700.00	37,400.00
2	2	0	2	AP523000000002	CAMERA MOUNT SYSTEM, 4CAM	0.00	0.00
3	1	0	1	AV06BOSS05USER	BOSS BLOCK OF 5	1250.00	1,250.00
4	2	0	2	EXTDWARRANTY1	1 YR EXTENDED WARRANTY	2000.00	4,000.00
5	1	0	1	FREIGHT	SHIPPING COST	190.00	190.00

SUB-TOTAL 42,840.00

If you wish to receive your invoices via email  
please respond to: [slakins@federalsignal.com](mailto:slakins@federalsignal.com)

SHIPPING & HANDLING 0.00

INVOICE TOTAL \$ 42,840.00

**Barrow, Belinda**

---

**From:** Don Nail [dnail@ncdot.gov]  
**Sent:** Monday, November 23, 2009 1:51 PM  
**To:** Barrow, Belinda  
**Cc:** Moss, B. Craig  
**Subject:** RE: Vendor paperwork completed

Hello Belinda,

Yes, all of that is ok under the license plate reader line item of your contract. We look forward to seeing them in operation. Have a great Thanksgiving.

Don

-----Original Message-----

**From:** Barrow, Belinda [mailto:Belinda.Barrow@ci.raleigh.nc.us]  
**Sent:** Monday, November 23, 2009 1:32 PM  
**To:** Don Nail  
**Subject:** FW: Vendor paperwork completed

Belinda C. Barrow  
Grants Manager  
Raleigh Police Department  
110 S. McDowell Street  
Raleigh, NC 27602  
(919) 996-1112  
(919) 278-6325

-----Original Message-----

**From:** Barrow, Belinda  
**Sent:** Thursday, November 19, 2009 10:18 AM  
**To:** 'bcmoss@ncdot.gov'  
**Subject:** FW: Vendor paperwork completed

Hi Craig!

I wanted to forward you an updated quote. The vendor forgot to add the warranty information. Can you please review for GHSP approval prior to purchasing?

Thanks much!

Belinda C. Barrow  
Grants Manager  
Raleigh Police Department  
110 S. McDowell Street  
Raleigh, NC 27602  
(919) 996-1112  
(919) 278-6325

-----Original Message-----

**From:** Maultsby, John  
**Sent:** Thursday, November 19, 2009 8:54 AM  
**To:** Barrow, Belinda  
**Subject:** FW: Vendor paperwork completed

Here is the updated quote, to get approved by GHSP. Thanks!

--

Officer JT Maultsby | Raleigh Police Department | 919-996-1145 | Mobile: 919-278-6344

COPY

mailed 5/17/10 to Libby Stucky; included final reports

STATE OF NORTH CAROLINA  
DEPT OF CRIME CONTROL AND PUBLIC SAFETY  
DIVISION OF GOVERNOR'S CRIME COMMISSION

810-7270000-985

COST REPORT

<b>Applicant</b>	<b>Implementing Agency</b>	<b>Application Information</b>
City of Raleigh	Raleigh Police Dept.	Project Name: License Plate Recognition
Finance Dept-Accounting	PO Box 590	Grant No: 092-1-09-R08-RJ-171
PO Box 590	110 S McDowell Street	Grant Mgr: Himmant, Tim <i>Libby Stucky</i>
Raleigh, NC 27602	Raleigh NC 27802	Vendor No: 566000236
		Cost Center Code

Date of this request:	5/17/2010		
Period this report covers:	4/1/2010	4/30/2010	Check this box if this is your final cost report. <input checked="" type="checkbox"/>

Budget Worksheet	Personnel	Contractual	Travel	Operating	Equipment	Total
Budget					74,100.00	74,100.00
Prior Expenditures					44,930.00	44,930.00
Available Budget Balance					29,170.00	29,170.00
Expended this period					28,950.00	28,950.00
Balance remaining					220.00	220.00

Funding Worksheet	Funding	Payments	Balance	%Funding	Reimb.	New Bal
2009 JAG Rec	55,575.00	33,698	21,877	75.000%	21,713	164
Pending Payments						
Matching Funds	18,525.00	11,232	7,293	25.000%	7,237	56
Totals	74,100.00	44,930	29,170		28,950.00	220

Grant Period: 7/1/2009 through 06/30/2010

Current Utilization Rate 52.09%

Certification  
I certify the above are correct, based on sub grantees official accounting system and records, consistently applied and maintained, and that expenditures shown have been made for the purpose of and in accordance with applicable grant terms and conditions, and that appropriate documentation to support these costs and expenditures is available or attached.


Authorized Signature: *Allison E Bradsher* Date 5/17/2010

Allison Bradsher, Controller, for Perry James, III, Chief Financial Officer

Governor's Crime Commission  
1201 Front Street, Suite 200  
Raleigh, NC 27609

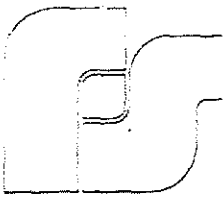
**EQUIPMENT:**

Period Covered 4-1-10 to 4-30-10

Document Number	Item Purchased	Cost of Item	Amount Submitted for Reimbursement	Cumulative Total Since Current Budget Cycle Began
1	ALPK	\$20700.00	\$20700.00	
2	Install / Trn	\$ 8250.00	\$8250.00	
ENTER TOTAL EXPENSES FOR THIS COST REPORT HERE----->			\$28950.00	
TOTAL EXPENSES REPORTED FOR THIS BUDGET CYCLE				\$ 13880.00

Instructions:

1. **Reporting Period:** Identify the first and last day of the reporting period.
2. **Document Number:** Assign a number to each bill/receipt/invoice and attach to this cover document. List number assigned on each bill/receipt/invoice.
3. **Item Purchased/Leased:** Enter item as listed on grant application.
4. **Cost of Item:** Enter cost of each item.
5. **Amount Submitted for Reimbursement:** Enter total expenditure paid by grant funds (*including match*).
6. **Cumulative Total:** Total since the beginning of the current grant cycle.
  - **Equipment valued at more than \$500:** If equipment costs \$500 or more, the item must be listed on a Property Control Form (GCC-07) and submitted to the Grants Management Specialist.



FEDERAL SIGNAL CORP.  
Advancing Security and Well-being

INVOICE

PIPS Technology  
804 Innovation Drive  
Knoxville, TN 37932-2562

Send Payments To:  
PIPS Technology Inc  
110 Bank of America  
16007 Deception Center Drive  
Chicago, IL 60698

WIRE TRANSFERS to:  
Bank of America On Page  
Acct No. 1233082499  
ABA No. 0260-0998-9

Bank Credit Card: 888-892-8840  
Fax: 888-330-8898

Invoice No. 7000 SHIPPER: 5654 Page 1  
Invoice Date 03-03-10  
Our Order No. 3738

SOLD TO: 1336  
RALEIGH, CITY OF  
ATTN: ACCOUNTS PAYABLE  
PO BOX 590  
RALEIGH, NC 27602-0590

SHIP TO:  
RALEIGH, CITY OF  
POLICE INFO SERVICES  
110 S MCDOWELL ST  
RM 202  
RALEIGH, NC 27601  
USA

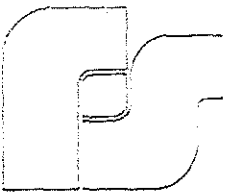
REP: 16 REG ON: 2

BILL TO NO.	CUSTOMER'S ORDER NO.	TERMS	SHIPPED VIA & TRACKING #	DATE SHIPPED
1336	1558	0.00 0.30	FED-X GRND	03-03-10
	Charge Code CC2273	KNOXVILLE FREIGHT TERMS: Prepay and Bill		

ITEM NO.	QUAN. ORDERED	QUAN. BACK ORD.	QUAN. SHIPPED	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	1	0	1	L34DWSV	LAW ENFORCE 4-CAMERA ALPR	18700.00	18,700.00
2	1	0	1	AP52300000002	CAMERA MOUNT SYSTEM, 4CAM	0.00	0.00
3	1	0	1	EXTDWARRANTY1	1 YR EXTENDED WARRANTY	2000.00	2,000.00

SUB-TOTAL 20,700.00  
SHIPPING & HANDLING 0.00  
INVOICE TOTAL \$ 20,700.00

If you wish to receive your invoices via email  
please respond to: [slakins@federalsignal.com](mailto:slakins@federalsignal.com)



FEDERAL SIGNAL CORP.  
Advancing Security and Well-being

INVOICE

PIPS Technology  
804 Innovation Drive  
Knoxville, TN 37932-2562

Send Payments To:  
PIPS Technology, Inc  
C/O Bank of America  
18027 Collection Center Drive  
Chicago, IL 60688

WIRE TRANSFERS to:  
Bank of America Chicago  
Acct No. 12380162488  
ABA No. 02600195593

Bank Credit Card: 888-888-8841  
Fax: 888-888-8888

Invoice No. 7120  
Invoice Date 04-06-10  
Our Order No. 3738

SHIPPER: 6976

Our Fax

Page 1

SOLD TO: 1336  
RALEIGH, CITY OF  
ATTN: ACCOUNTS PAYABLE  
PO BOX 590  
RALEIGH, NC 27602-0590

SHIP TO:  
RALEIGH, CITY OF  
POLICE INFO SERVICES  
110 S MCDOWELL ST  
RM 202  
RALEIGH, NC 27601  
USA

REP: 16 REG DT: 2

BILL TO NO.	CUSTOMER'S ORDER NO.	TERMS	SHIPPED VIA & TRACKING #	DATE SHIPPED
1336	1558	0.00 0 30	FED-X GRND	04-06-10
	Charge Code CC2273	KNOXVILLE FREIGHT TERMS: Prepay and Bill		

ITEM NO.	QUAN. ORDERED	QUAN. BACK ORD.	QUAN. SHIPPED	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	5	0	5		INSTALLTRAIN SYSTEM INSTALL OR TRAIN	1650.00	8,250.00

If you wish to receive your invoices via email  
please respond to: [slakins@federalsignal.com](mailto:slakins@federalsignal.com)

SUB-TOTAL	8,250.00
SHIPPING & HANDLING	0.00
INVOICE TOTAL	\$ 8,250.00

**Barrow, Belinda**

**From:** Cullipher, Lawrence  
**Sent:** Monday, April 26, 2010 9:06 AM  
**To:** Barrow, Belinda  
**Subject:** RE: 2009 Governor's Crime Commission Grant

Correct. You can close it out.

Thanks

*Lawrence Cullipher | Raleigh Police Department | Information Services Manager | Office 919.996-1149  
[lawrence.cullipher@ci.raleigh.nc.us](mailto:lawrence.cullipher@ci.raleigh.nc.us)*

**From:** Barrow, Belinda  
**Sent:** Monday, April 26, 2010 8:14 AM  
**To:** Cullipher, Lawrence  
**Subject:** 2009 Governor's Crime Commission Grant

Hi Lawrence!

I just ran the report for the Governor's Crime Commission – 3 LPRs. We have \$209.38 remaining and I'm ready to close-out the grant, if you are ready. I think everything has paid – correct?!??

**Belinda C. Barrow**  
Grants Manager  
Raleigh Police Department  
Office of the Chief  
6716 Six Forks Rd.  
Raleigh, NC 27615  
(919) 996-1112 Office  
(919) 278-6325 Cell  
(919) 996-7006 Fax  
[belinda.barrow@raleighnc.gov](mailto:belinda.barrow@raleighnc.gov)

4/26/2010

PeopleSoft GL  
 BUDGET STATUS REPORT

Report ID: GLS8020  
 Bus. Unit: COR01--City of Raleigh  
 Ledger Grp: COR\_PG\_DT -- Projects Detail Expense  
 Currency : USD  
 Chartfields Criteria  
 Fund: 810

Page No. 1  
 Run Date 04/26/2010  
 Run Time 08:10:54

Dept: 4010

Budget Period: 2010

Project: 72700000

Account: All values

<u>Fund</u>	<u>Dept</u>	<u>Budget Period</u>	<u>Project</u>	<u>Account</u>	<u>Budget</u>	<u>Assoc Revenue</u>	<u>PreEncumbrance</u>	<u>Encumbrance</u>	<u>Expense</u>	<u>Remaining</u>
810	4010	2010	72700000	752900	74,100.00	0.00	0.00	10.62	73,880.00	209.38
Grand Total :					74,100.00	0.00	0.00	10.62	73,880.00	209.38

End of Report

**Inquiry Results**





**Budget Overview**

Business Unit: COR01  
 Ledger Group: COR\_PG\_DT Detail Projects Budget  
 Type of Calendar: Detail Accounting Period  
 Amounts in Base Currency: USD  
 Revenue Associated

[Return to Criteria](#)      Max Rows:       [Display Options](#)     

**Ledger Totals (4 Rows)**

		<b>Net Transfers:</b>	0.00
<b>Budget:</b>	74,100.00		
<b>Expense:</b>	73,880.00		
<b>Encumbrance:</b>	10.62		
<b>Pre-Encumbrance:</b>	0.00		
<b>Budget Balance:</b>	209.38		
<b>Associate Revenue:</b>	0.00		
<b>Available Budget:</b>	209.38		

Budget Overview Results											Customize		Find	View All	First	1-4 of 4	Last
	Ledger Group	Fund	Account	Dept	Program	PC Bus Unit	Project	Fiscal Year	Period	Budget	Expense	Encumbrance	Pre-Encumbrance	Availa Budg			
1	 COR_PG_DT	810	752900	4010	985	GRT08	72700000	2010	1	74,100.00	0.00	0.00	0.00	74,100			
2	 COR_PG_DT	810	752900	4010	985	GRT08	72700000	2010	5	0.00	0.00	73,880.00	0.00	73,880			
3	 COR_PG_DT	810	752900	4010	985	GRT08	72700000	2010	9	0.00	44,930.00	-44,929.45	0.00	-0			
4	 COR_PG_DT	810	752900	4010	985	GRT08	72700000	2010	10	0.00	28,950.00	-28,939.93	0.00	-10			

[Return to Criteria](#)      \*Notes







**Ledger Inquiry**




**Transaction Details**



Ledger Criteria						
Inquiry Name	Unit	Ledger	Fiscal Year	From Period	To Period	Currency Stat
ACTUALS	COR01	ACTUALS	2010	1	10	
<input type="checkbox"/> Show YTD Balance	<input type="checkbox"/> Include Closing Adjustments					
<input type="checkbox"/> Show Transaction Details	<input type="checkbox"/> Only in Base Currency					
<b>Max Ledger Rows:</b>						100

Go [Inquiry](#) • [Ledger](#) • [Ledger Details](#)  
 To [Criteria](#) [Summary](#)

[Transaction Criteria](#)

Transaction Details													Find   View All	First  1 of 1  Last
Ledger by Period and Chartfields												Customize   Find   	1 of 1	
Period	Fund	Account	Dept	Program	Cost Ctr	Project	Bud Ref	Fund Affil	Affiliate	Account Description	Adjustment Type	Stat		
10	810	752900	4010	985	00000	72700000				Capital Equipment-Other				
<b>Amount (in Transaction Currency):</b>				73,880.00 USD				<b>Amount (in Base Currency):</b>				73,880.00 USD		
Journals													Customize   Find   	First  1-2 of 2  Last
Journal ID	Line Descr	Date	Seq	Stat Amt	N/R	Amount (In Transaction Currency)	Currency	Amount (In Base Currency)	Base Currency					
APV0008334		04/16/2010		0.00	N	8,250.00	USD	8,250.00	USD					
APV0008861		04/16/2010		0.00	N	65,630.00	USD	65,630.00	USD					

 Save |  Return to Search |  Notify

 Add |  Upd

## Ledger Inquiry

Enter ledger, period, ChartField and rest of the criteria. Click on Search button to execute the query.

Ledger Criteria						
Inquiry Name	*Unit	*Ledger	*Fiscal Year	*From Period	*To Period	Currency Stat Code
ACTUALS	<input type="text" value="COR01"/>	<input type="text" value="ACTUALS"/>	<input type="text" value="2010"/>	<input type="text" value="1"/>	<input type="text" value="10"/>	<input type="text"/> <input type="text"/>
<input type="checkbox"/> Show YTD Balance		<input type="checkbox"/> Include Closing Adjustments				
<input type="checkbox"/> Show Transaction Details		<input type="checkbox"/> Only in Base Currency		Max Ledger Rows: <input type="text" value="100"/>		

Chartfield Criteria							Include Adjustment Periods	
ChartField	Value	ChartField Value Set	Update/New	Sum By	Value Required	Order-By	Set	Period
Account	<input type="text"/>	<input type="text"/>	Update/New	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	888
Department	<input type="text"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	991
Cost Center	<input type="text"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	998
Fund Code	<input type="text" value="810"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			
Program Code	<input type="text" value="985"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			
Budget Reference	<input type="text"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			
Affiliate	<input type="text"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			
Fund Affillate	<input type="text"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			
Project	<input type="text" value="72700000"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			
Adjustment Type	<input type="text"/>	<input type="text"/>	Update/New	<input type="checkbox"/>	<input type="checkbox"/>			

# Purchase Order



## City of Raleigh

PO Box 590  
 Raleigh NC 27602-0590  
 United States  
 Phone:

Vendor: 0000006807  
**FEDERAL SIGNAL CORPORATION**  
 2645 FEDERAL SIGNAL DRIVE  
 CUSTOMER SUPPORT MOBILE SYSTEMS  
 UNIVERSITY PARK IL 60438  
 United States

Dispatch via Print			
Purchase Order	Date	Revision	Page
0000001558	11/17/2009		1
Payment Terms	Freight Terms	Ship Via	
Net 30	FOB Dest, Frght Prepd & Allowed	UPS Ground	
Buyer	Phone	Currency	
Wilson, Angie	919-996-3240	USD	

Ship To: City of Raleigh  
 Police Information Services  
 110 S McDowell St Rm 202  
 Raleigh NC 27601  
 United States  
 Phone:

Bill To: City of Raleigh  
 Accounts Payable  
 PO Box 590  
 Raleigh NC 27602-0590  
 United States

Line-Sch	Item/Description	Vendor Item ID	Quantity UOM	PO Price	Extended Amt	Due Date
1- 1	Four SLATE ALPR Cameras		3.00 EA	18,700.00	56,100.00	11/17/2009

Informal Bid # 9-181  
 Quote dated 10/8/09  
 SLATE-810-LE-P

2- 1	Back Office System Software		1.00 EA	2,250.00	2,250.00	11/17/2009
	BOSS-5					

3- 1	Advanced Mapping Software		1.00 EA	795.00	795.00	11/17/2009
	BOSS-MAP					

4- 1	Field Engineering Services		5.00 EA	1,650.00	8,250.00	11/17/2009
	PIP5-SRVC-MVI					

5- 1	Software Maintenance two years		3.00 EA	2,000.00	6,000.00	11/17/2009
------	--------------------------------	--	---------	----------	----------	------------



# Purchase Order

Dispatch via Print

## City of Raleigh

PO Box 590  
Raleigh NC 27602-0590  
United States  
Phone:

Vendor: 000006807  
FEDERAL SIGNAL CORPORATION  
2645 FEDERAL SIGNAL DRIVE  
CUSTOMER SUPPORT MOBILE SYSTEMS  
UNIVERSITY PARK IL 60438  
United States

Purchase Order	Date	Revision	Page
000001558	11/17/2009		2
Payment Terms	Freight Terms	Ship Via	
Net 30	FOB Dest, Frght Prepd & Allowed	UPS Ground	
Buyer	Phone	Currency	
Wilson, Angie	919-996-3240	USD	

Ship To: City of Raleigh  
Police Information Services  
110 S McDowell St Rm 202  
Raleigh NC 27601  
United States  
Phone:

Bill To: City of Raleigh  
Accounts Payable  
PO Box 590  
Raleigh NC 27602-0590  
United States

Line-Sub	SRVCD	Desc	Item	Mobile	Vendor Item ID	Quantity	UOM	PO Price	Extended Amt	Due Date
----------	-------	------	------	--------	----------------	----------	-----	----------	--------------	----------

6-1		Software maintenace for back office server				1.00	EA	390.00	390.00	11/17/2009
-----	--	--	--	--	--	------	----	--------	--------	------------

PIPS-SRVC-SRVC-MAINT-BOSS

Freight : 95.00  
Total Taxes : 5,725.70

Total PO Amount 79,605.70

Please include all state and local sales taxes on invoice. Taxes shown above are approximate.

THIS INSTRUMENT HAS BEEN PREAUDITED IN THE MANNER REQUIRED BY THE LOCAL GOVERNMENT BUDGET AND FISCAL CONTROL ACT.

Subject to City of Raleigh Terms & Conditions.

*C. E. Whelan*  
Purchasing Manager



## City of Raleigh

### Terms and Conditions

1. Mail or deliver all invoices to the "City of Raleigh, Accounts Payable, PO Box 590, Raleigh, North Carolina 27602-0590."
2. **Important: All invoices must include this purchase order number.** Invoices submitted without the correct purchase order number will result in delayed payment.
3. Invoices for partial deliveries must be indicated as such.
4. The vendor must provide separate invoices for each purchase order number.
5. The City of Raleigh is not exempt from North Carolina State Sales Tax, Wake County Sales Tax, and Wake County Prepared Meals and Hotel Room Taxes. These taxes must be correctly invoiced to the City for payment. Taxes shown on the purchase order are approximate.
6. The City of Raleigh is exempt from Federal Excise Tax. If any form of such tax is billed on the invoice, it must be shown as a separate item. Tax Exemption Certificates will be furnished upon request.
7. Payment term discounts will be deducted as provided for on the front of this purchase order or in accordance with the terms of your official quotation or bid. **Net purchases will be paid 30 days from the date of your invoice, or upon acceptance of goods whichever is later.**
8. **Important: All packages must bear the correct purchase order number on the outside of each package or shipping container.**
9. The City of Raleigh will not be responsible for any goods delivered without a purchase order having been issued.
10. The conditions of this order cannot be modified except by written amendment in the form of "Corrected Purchase Order" which has been approved by the City of Raleigh's Purchasing Manager.
11. Any rejected materials will be returned to the vendor at the vendor's risk and expense.
12. In the event of a vendor's failure to deliver or perform as specified, the City reserves the right to cancel the order or any part thereof, without prejudice to its other rights. The vendor agrees that the City may return part or all of any shipment and may charge the vendor with all reasonable losses or expenses sustained as a result of such failure to deliver or perform.
13. In case of default of the contractor, the City may procure the articles or services from other sources and charge the contractor damages for any excess costs or other damages caused by the default.
14. It is agreed that the goods, materials, equipment or services provided shall comply with all Federal, State or local laws, and that the vendor shall defend actions or claims brought, and save harmless the City, and/or its officials or employees, from loss, cost or damage by reason of actual or alleged failure to comply with such laws.
15. All prices must be F.O.B. Destination and delivered to the destination indicated on the front of the purchase order. Where specific purchase is quoted or negotiated F.O.B. Shipping Point, the vendor is to prepay the shipping charges and add them to the invoice.
16. The risk of loss and damage to the goods which are the subject of this order shall be the vendor's until the goods are delivered to the destination set out in the order and accepted by the purchaser or its representative.
17. The vendor acknowledges that it is the policy of the City of Raleigh to avoid commercial promotion of products used by the City or the vendors of such products. The vendor accordingly agrees not to solicit, use, or disseminate commercial advertisement founded upon the City's purchase and/or use of the goods which are the subject of this order, and specifically agrees not to seek or use for advertising purposes the endorsement of goods or products by City officers or employees.
18. The City may, at any time, insist upon strict compliance with these terms and conditions, notwithstanding any previous customer, practice or course of dealing to the contrary. Acceptance of the order includes acceptance of all terms, conditions, prices, delivery instructions and specifications as shown on this order or attached to and made a part of this order.
19. All matters relating to this purchase shall be governed by the laws of the State of North Carolina, without regard to its choice of law provisions, and venue for any action relating to this purchase shall be Wake County, North Carolina.

**Barrow, Belinda**

**From:** Maultsby, John  
**Sent:** Wednesday, April 14, 2010 2:11 PM  
**To:** Barrow, Belinda  
**Subject:** ALPR serial numbers

Car 160: KX 02 10 51 10 0018 GHSP  
Car 514: KX 02 10 51 10 0070 GHSP  
Car 152: KX 02 10 51 10 0003 GCC  
Car 233: KX 02 10 51 10 0020 GCC  
Car 679: KX 02 10 51 10 0016 GCC

As to which ones came from which grant, they all were delivered and installed at the same time, so there's no distinction. Just pick 3 for one grant, and the other two for the other grant.

--

Officer JT Maultsby | Raleigh Police Department | 919-996-1145 | Mobile: 919-278-6344

4/14/2010

**Inquiry Results**

**Budget Overview**

Business Unit: COR01  
 Ledger Group: COR\_PG\_EXP Summary Projects-Capital/Grant  
 Type of Calendar: Detail Accounting Period  
 Amounts in Base Currency: USD  
 Revenue Associated

*GHSP - cost report + copy of invoice  
 Belinda has invoice to send*

*Belinda is aware of  
 exceptions on invoice  
 working thru exceptions  
 will pay in April*

*Cost report + invoice*

[Return to Criteria](#) Max Rows:  [Display Options](#)

Ledger Totals (3 Rows)

	<b>Net Transfers:</b>	0.00
<b>Budget:</b>	74,100.00	
<b>Expense:</b>	44,930.00	
<b>Encumbrance:</b>	28,950.55	
<b>Pre-Encumbrance:</b>	0.00	
<b>Budget Balance:</b>	219.45	
<b>Associate Revenue:</b>	0.00	
<b>Available Budget:</b>	219.45	

Budget Overview Results													Customize   Find   View All		First	1-3 of 3	Last
	Ledger Group	Fund	PC Bus Unit	Project	Fiscal Year	Period	Budget	Expense	Encumbrance	Pre-Encumbrance	Available Budget*	Percent Available					
1	COR_PG_EXP	810	GRT08	72700000	2010	1	74,100.00	0.00	0.00	0.00	74,100.00	100.00					
2	COR_PG_EXP	810	GRT08	72700000	2010	5	0.00	0.00	73,880.00	0.00	73,880.00	0.00					
3	COR_PG_EXP	810	GRT08	72700000	2010	9	0.00	44,930.00	-44,929.45	0.00	-0.55	0.00					

[Return to Criteria](#) \*Notes

Match Status: Exceptions

Summary | Related Documents | Invoice Information | Payments | Voucher Attributes | Error Summary

Business Unit: COR01 Invoice Number: 6970  
 Voucher ID: 00032658 Invoice Date: 02/25/2010  
 Voucher Style: Regular Action:    
 Total: 44,930.00  
 Vendor: FEDERAL SIGNAL CORPORATION \*Pay Terms: Net 30   
 15027 COLLECTION CENTER DRIVE  
 CHICAGO, IL 60693

Payment Information Find | View All First 1 of 1

Scheduled Payment: 1  
 \*Remit to: 0000006807  
 Location: STANDA  
 \*Address: 3  
 FEDERAL SIGNAL CORPORATION  
 15027 COLLECTION CENTER DRIVE  
 PIPS TECHNOLOGY C/O BANK OF AMERICA  
 CHICAGO, IL 60693  
 Gross Amount: 44,930.00 USD  
 Discount: 0.00 USD  Discount Denied  
 Scheduled Due: 03/27/2010  
 Net Due: 03/27/2010  
 Discount Due:  
 Accounting Date:

Payment Method  
 \*Bank: WBNC  
 \*Account: 2536  
 \*Method: CHK Check  
 Pay Group:  
 \*Handling: RM  
 \*Netting: N  
 Message:  Messages  
 Message will appear on remittance advice.

<p>Schedule Payment          *Action: Schedule          Payment Date:          Pay: Reference:</p>	<p>Payment Options          Hold Payment <input type="checkbox"/> Separate Payment <input type="checkbox"/>          Hold Reason: <input type="text"/>          Letter of Credit: <input type="text"/></p>
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Payment Inquiry | Holiday/Currency Options | Express Payment | Vendor Bank Account  
Payment Note

Note: Payment Note is for internal use only and will not appear on remittance advice.

**Barrow, Belinda**

**From:** Cullipher, Lawrence  
**Sent:** Wednesday, April 14, 2010 4:09 PM  
**To:** Barrow, Belinda  
**Subject:** RE: One Add'l ?

FYI

PO# 0000001558 (3 Cameras) PO Date 11/17/09  
PO# 0000001834 (2 Cameras) PO Date 12/09/09

Thanks

*Lawrence Cullipher | Raleigh Police Department | Information Services Manager | Office 919.996-1149  
| [lawrence.cullipher@ci.raleigh.nc.us](mailto:lawrence.cullipher@ci.raleigh.nc.us)*

**From:** Barrow, Belinda  
**Sent:** Wednesday, April 14, 2010 2:03 PM  
**To:** Cullipher, Lawrence  
**Subject:** One Add'l ?

What was the purchase date of the equipment for the information I just sent you.

Belinda C. Barrow  
Grants Manager  
Raleigh Police Department  
Office of the Chief  
6716 Six Forks Rd.  
Raleigh, NC 27615  
(919) 996-1112 Office  
(919) 278-6325 Cell  
(919) 996-7006 Fax

4/15/2010

# THE RALEIGH POLICE DEPARTMENT

1110-07

## AUTOMATED LICENSE PLATE RECOGNITION AND INTERNET PROTOCOL CAMERA SYSTEM

### PURPOSE

The purpose of this directive is to establish policies, guidelines and procedures for the use and retention of the Automated License Plate Recognition and Internet Protocol Camera Systems.

### VALUES REFLECTED

This directive reflects our values of *Service, Fairness, and Integrity*. In carrying out all surveillance operations we will hold ourselves to the highest standards of integrity and professionalism and will act in such a manner that no infringement upon the statutory and constitutional rights of any individual shall occur

### UNITS AFFECTED

All Divisions/Sworn Officers

### REFERENCES/FORMS

DOI 1110-06 "Undercover and Surveillance Operations"  
N.C.G.S. § 132-1.4

May be Released to the Public

Effective Date: 09-05-12  
Prepared By: Harry Dolan  
Chief of Police

Supersedes: Portions of 1110-06  
Approved By: J. Russell Allen  
City Manager

## **GENERAL POLICIES**

The Raleigh Police Department is committed to reducing crime and maintaining order by aggressively investigating criminal activity that threatens public safety and diminishes the quality of life in our neighborhoods. The Automated License Plate Recognition (ALPR) and Internet Protocol Cameras are tools used to identify vehicles that have a specific interest to law enforcement and observing criminal activity. The use of these tools is consistent with the mission of the Raleigh Police Department in delivering the greatest measure of safety and the highest level of service to the community while still recognizing legitimate privacy interests held by citizens.

## **INTERNET BASED CAMERA SYSTEM**

Internet Protocol Camera Systems (IPCS) is a surveillance option available to the Raleigh Police Department. IP cameras are closed-circuit cameras that use internet protocol to transmit data through a computer IP based network. The IP Camera System includes video monitoring cameras, a video encoder system, transmission device, and power control.

At all times, IP Cameras will be placed and utilized in accordance with all State and Federal laws protecting an individual's reasonable expectation of privacy.

## **CONTROL AND USE OF THE IP CAMERA SYSTEM**

The Technical Assistance Response Unit (TARU) will be tasked with placement, maintenance, and removal of IP Camera System. The Technical Assistance Response Unit will also maintain all equipment associated with the IP Camera System.

Use of IP Cameras is strictly limited to legitimate law enforcement purposes. TARU shall not use IP Cameras in areas or in a manner that is designed to harass or intimidate citizens.

## **TRAINING AND RESPONSIBILITY FOR THE IP CAMERA SYSTEM**

TARU members will comply with all regulations set forth by OSHA as it relates to the placement, maintenance and removal of cameras. TARU members will only place camera systems in locations which are safe. Only members of TARU, who have been certified through a High Voltage Environments class, will place cameras in areas where there are utility lines.

When installing, maintaining or removing a camera in a high risk environment, there must be at least two (2) members of the TARU present. Prior to installing a camera, a safety briefing will be conducted. The briefing shall include the following:

- any potential hazards associated with the job;
- work procedures involved;
- any special precautions to be taken;
- information on energy source controls; and
- personal protective equipment requirements.

TARU will be responsible for maintaining the database of personnel qualified to operate IP cameras. Qualified individuals are those persons working for the City of Raleigh who have been instructed in

the operation of the Internet Protocol Camera Systems and who have articulated the need for viewing real time images and/or archived images.

The Investigative Division Commander or their designee will be responsible for granting rights for viewing data images. Rights may include control of pan tilt zoom functions, archive review, and what specific cameras may be viewed.

### **RETENTION OF RECORDED IMAGES**

All data obtained and stored through the use of IP Cameras is considered a record of a criminal investigation pursuant to N.C.G.S. § 132-1.4 and shall be used solely for the purpose of attempting to prevent, solve, or detect violations of the law.

Images gathered by the IP cameras will be maintained for a maximum period of 15 days. Specific events may be archived based on investigative needs and for use as prosecutorial evidence in criminal proceedings. Based on the need, some cameras will not record images unless there is motion detected by the camera software. This procedure will reduce the amount of hard drive space needed for the overall retention of images from all cameras.

Data obtained and/or stored through use of IP Cameras is not a public record and shall not be disseminated outside the Raleigh Police Department. However, data obtained and stored through use of IP Cameras may be shared with other law enforcement agencies that request access for a legitimate law enforcement purpose only upon approval by the Detective Division Commander.

### **Securing IP Camera Video Footage**

Securing IP Camera Video Footage must be approved by a supervisor.

Prior to securing IP Camera video footage, the individual who is accessing the material must acknowledge:

- Securing IP Camera Video Footage is strictly limited to official law enforcement purposes only;
- Any and all information gathered by the IP Camera Video Footage is a confidential law enforcement record and shall not be considered to be a public record;
- Data obtained and/or stored through the use of the IP Camera Video Footage may be shared with other law enforcement agencies who request access for a legitimate law enforcement purpose only upon approval by the Detective Division Commander.

### **PLACEMENT OF INTERNET BASED CAMERA SYSTEMS**

The IP Camera systems will **only** be placed for use by the Raleigh Police Department to deter criminal activity or to facilitate the advancement of a criminal investigation. The use of IP cameras

**1110-06 Automated License Plate Recognition and Internet Protocol Camera System**

**Effective: 09-05-12**

**Page 3 of 6**

is not intended to replace other crime reduction efforts but is intended to supplement the Department's efforts in the area of community policing. At no time will the camera systems be used for personal reasons or in such a way as to impede individuals' right to privacy. The final decision for Internet Based Camera System placement will be made by the Detective Division Commander based on the established criteria. The placement of IP Cameras will be based on the following:

- Public Safety Concerns
- Areas of known or projected criminal activities
- Requests from community citizen groups
- Requests from Divisions of the Raleigh Police Department
- Requests from outside agencies
- Rights of individuals within the monitored area
- Available power sources for camera operation
- Quality of the electronic signals from the transmitting antenna to the receiving antenna
- Safety of the personnel placing the camera systems

IP cameras are subject to limited availability. Any request for the placement of the IP Camera System will be reviewed in light of the above criteria and evaluated for practical application and crime deterrence. The decision to place IP Cameras will not consider race, national or ethnic origin, or other identifiable group descriptors.

### **AUTOMATED LICENSE PLATE RECOGNITION (ALPR)**

#### **Definition**

An ALPR system consists of cameras connected to a computer processing unit that converts images of license plates into computer-readable data. These cameras can be mounted to a patrol vehicle or set up in a stationary location. The license plate data is compared against a database of license plates associated with stolen vehicles and plates, wanted and missing persons, and other databases designed to enforce laws or further criminal investigations. The images and associated data, such as date, time and GPS coordinates, are then stored in accordance with laws and departmental policy.

#### **Procedure when ALPR alerts on a vehicle**

The ALPRs can sometimes misread a plate and does not recognize the state of origin. Additionally, the data against which the plates are compared are not updated in real time. Therefore, when the ALPR alerts on a plate officers should follow these procedures:

- DO NOT USE THE ALERT AS REASONABLE SUSPICION OR PROBABLE CAUSE.

- DO NOT TAKE ANY ENFORCEMENT ACTION BASED SOLELY ON THE ALPR ALERT.
- If the system alerts on a plate, Officers shall confirm the accuracy of the plate to ensure the characters and state of origin match the alert.
- After confirming the characters and state, Officers shall run the plate through DCI or other appropriate official database to confirm the accuracy of the alert.
- OFFICERS MAY ONLY TAKE ENFORCMENT ACTION ONCE THEY HAVE CONFIRMED THE STATUS OF THE PLATE THROUGH DCI.

#### Use of ALPRs

Use of ALPR including those that are mounted to patrol vehicles shall be used only for legitimate law enforcement purposes, including routine patrol and response to calls for service is strictly limited to legitimate law enforcement purposes. Officers using ALPRs shall not do so in areas or in a manner that is designed to harass or intimidate citizens.

Approval from a supervisor must be granted prior to deploying a stationary or fixed ALPR. In deciding whether to grant approval, a supervisor must consider various factors which shall include but are not limited to: the intended purpose of deployment, the location of deployment, the duration of the deployment, and whether there exists a legitimate law enforcement need for deployment of a stationary or fixed ALPR.

Prior to utilizing ALPRs, all officers shall be trained in the proper operation and use of the technology.

#### Data recorded by ALPRs

All data obtained and stored through use of ALPRs is considered a record of a criminal investigation pursuant to N.C.G.S. § 132-1.4 and shall be used solely for the purpose of attempting to prevent, solve, or detect violations of the law.

Data obtained and/or stored through use of ALPRs is not a public record and shall not be disseminated outside the Raleigh Police Department. However, data obtained and stored through use of ALPRs may be shared with other law enforcement agencies that request access for a legitimate law enforcement purpose only upon approval by the Chief of Police or his designee.

#### Storage of Data

Data stored from ALPR shall be handled according to its nature. Any information obtained from ALPRs that is evidence of a crime or is being utilized as an investigative tool in a specific criminal investigation shall be flagged and stored until it loses its evidentiary or investigative value.

All other data that has not been specifically flagged for retention shall be deleted within six months from the date it was recorded.

### Access to Stored Data

Prior to allowing access to the stored material, the individual who is accessing the material must acknowledge:

- Access to the ALPR (Automated License Plate Recognition) database is strictly limited to official law enforcement purposes only;
- Access to the ALPR database must be approved by a supervisor. Supervisory approval must be obtained in advance for each instance of access;
- Each access will be logged;
- Any and all information gathered by the ALPR system is a confidential law enforcement record and shall not be considered to be a public record;
- Data obtained and/or stored through the use of the ALPR system may be shared with other law enforcement agencies who request access for a legitimate law enforcement purpose only upon approval by the Chief of Police or his designee.