

Commonwealth of Massachusetts
 Executive Office of Public Safety and Security
 Office of Grants and Research
 Highway Safety Division
 10 Park Plaza, Suite 3720
 Boston, MA 02116
 Tel: 617.725.3341

NOV 21 10 57

Application for Grant Funds (AGF)
FFY 2011 Automated License Plate Reader Grant Program
Deadline for Applications: Noon, November 29, 2010

All sections must be completed to be eligible.

Name and Complete Address of Department or Municipality Foxborough Police Department 8 Chestnut Street, Foxborough Ma. 02035			
Chief's Last Name O'Leary	First Edward	Middle Initial T.	
E-Mail Address foxchief@foxboroughpolice.com	Telephone 508-543-1212	Fax 508-543-2112	
Grant Contact Last Name Grace	First Name Michael	Middle Initial	Title Sergeant
E-Mail Address mgrace@foxboroughpolice.com	Telephone 508-543-1212	Fax 508-543-1243	
Applicant Profile			
Does your department currently have any ALPR units in use? If so, how many?		NO	
Number of full-time officers		29	
Number of part-time officers		35	
What is the population of your community according to the 2009 census?		16,887	
How large is your community (square miles)?		21	

Problem Identification

Category	2007	2008	2009
Number of unlicensed motorist citations	50	77	97
Number of uninsured motorist citations	36	56	65
Number of operating with a suspended license citations	53	97	134

Number of operating with a suspended license arrests	24	55	70
Number of stolen vehicles reports	21	12	14
Number of stolen vehicle arrests	3	5	0

Proposed Programming

Experience- Provide a summary of previous experience your department has with highway safety initiatives (Click It or Ticket, Massachusetts Law Enforcement Challenge, crash reporting, etc.).

The Foxborough Police Department has been participating with highway safety programs for over ten years. The department has been involved in “over the limit/under arrest”, “Massachusetts law enforcement challenge”, and “Governor highway safety program”. The department has had great success targeting seat belt violations, OUIs, and aggressive drivers. The department mandates that all officers working under these grants adhere to the requirements and report citations as required.

Timeline- Provide your projected timeline for unit purchase, training, and implementation (January 2011-June 30, 2011).

The Foxborough Police would purchase and have the ALPR installed immediately upon receiving the grant. The department already has the matched funds in the current budget and would be able to have a patrol cruiser with the ALPR operational upon installation. The Foxborough Police have already had companies perform demonstrations of an ALPR, but was unable to start the program in the past due to funding. This grant allows the department an opportunity to immediately implement an ALPR into the department’s patrol division.

Project Activities- Describe your proposed deployment use (how many hours per day, per week, etc.).

The ALPR would be installed into one of the new cars that were purchased this year. This patrol vehicle would be used on all three shifts. (12-8, 8-4, and 4-12)
 The ALPR would be used at least sixteen hours a day, and sometimes would be utilized for twenty four hours. The patrol vehicle with ALPR would be used seven days a week, fifty two weeks a year. When the patrol cruiser is replaced in approximately three years, then the ALPR would be removed and installed into the new cruiser.

Capabilities- Describe your department’s technical capabilities to implement this program.

The Foxborough Police Department currently has a full-time officer assigned to the department’s technical needs. This officer is in charge of all of the computers in the station as well as the ones in the cruisers. This officer is the CJIS contact for the department and maintains the IMC operating system as well as the AFIS live scan system. The Foxborough Police station is approximately three years old and is a model for other departments because of its cutting edge technical capabilities. Currently, all of the marked patrol cruisers have the LEAPS system operating in them.

Goals- Identify specific, measurable, attainable, realistic and time-bound goals and objectives for this program (i.e. increase uninsured motorist violations by 20% over 2009 levels by August 2011).

The Foxborough Police Department is going to use its 2009 annual statistics on unlicensed, uninsured, suspended operators and shoot for a 20% increase at the end of the year. The department also intends to document the number of warrant arrests that are credited to the ALPR. Stolen vehicle arrests and recovery should increase by 50% after the ALPR has been utilized for 12 months.

Evaluation- Describe your evaluation plan (for example, a pre and post data comparison for your community during the grant period with the same time period in the previous year).

The department will take all of the motor vehicle statistics from the 2009 year. The department intends to assign the three most proactive offices to the vehicle with the ALPR. Quarterly reports will be compiled for both the three officers as well as for the department. The department will also track the times when the ALPR is generating the most violations. A complete comparison will be done at the end of the year to show how productive the ALPR is and this data can be used to justification of purchasing more of them.

Additional Information- Provide any additional information about your current and/or proposed ALPR program you would like EOPSS to consider when evaluating your AGF response (major highways through community, commuter population).

The Town of Foxborough has an estimated population of 16,853, and people are spread throughout the town's (approximate) 21 square miles. The town has over 100 (accepted) linear miles of roads (both state and local). The town's daytime population swells, due to its location, highway access, and destinations. We are home to several businesses (close to 300) and office parks. Portions of the Cabot and Forbes industrial park are in Foxborough. This happens to be one of this state's largest industrial parks.

Foxborough is considered to be "equidistant" between Boston and Providence. The city of Worcester is only 45 minutes away. In addition to these major urban centers, the town is within 1 hour's drive to parts of New Hampshire, Cape Cod, and Connecticut. Our town is at the "cloverleaf" where Routes 95 and 495 meet. In addition to those major routes, there is Route 1, Route 115, Route 140, and Route 106 – all within the town's limits. These secondary routes make us accessible to several nearby older industrial areas (scattered throughout Southern New England) – which happen to have above average crime rates. Because of our highway access, people often travel on our roadways to the nearby busy Wrentham Premium Outlet, and Mansfield's Comcast Center (for dozen of annual concerts).

The town has a train stop up at Gillette Stadium, and it is just feet away from the Foxborough (truck) Terminals. More often than not, this stop is only used during Patriots' games and large scale events (up at the stadium). Presently, there is serious talk

and consideration at the state level – of turning this particular stop into a full functioning commuter rail station. The Town of Foxborough recently added a commuter parking lot that abuts the Mansfield commuter rail. This is a lot with several hundred spaces that will be patrolled by the Foxborough Police. Freight trains travel daily through the town at several different times. Train tracks also run through east Foxborough (in between Sharon and Mansfield). This second set of tracks has MBTA and AMTRAK trains running along it at all hours of the day. Post 9-11, we have fielded many calls, asking us to investigate suspicious activities on or around our towns train tracks and (train) bridges. Most of these calls have involved either automobiles or motor cycles.

As mentioned above, the town's population stands at just under 17,000 people. This is deceiving figure, due to the fact that we are home to Gillette Stadium and Patriot Place. On paper, the town may look like your typical suburban Boston "bedroom community". We are unique though, because we are home to one of the largest entertainment venues in all of New England - Gillette Stadium and Patriot Place. The stadium speaks for itself, and Patriot Place bills itself as an entertainment, shopping, dining, and lodging destination. According to its website, Patriots Place is more than 1.3 Million square feet of shopping, dining, and entertainment. This includes a 6 day a week urgent care center on the grounds.

On any given Sunday between August and January, we host an additional 70,000+ people. The stadium hosts at least 10 football games every year- not including playoffs. This does not take into account, how many people come to Foxborough – simply to watch the games at one of our many licensed liquor establishments. It is unprecedented that the Town of Foxborough holds close to 35 liquor licenses. A significant portion of these liquor licenses are up at Patriots Place.

Due to the fact that the field is no longer grass, local colleges and high schools have been playing football up there (note the MIAA Super Bowls). Besides American Football teams, the stadium is also home to the New England Revolution – a major league soccer team. The stadium hosts large scale international soccer games. The soccer games (both MLS and international) bring a diverse fan base from all over the world. The fast growing and ever popular sport of lacrosse has even had its NCAA National Championship held at Gillette.

The stadium's grounds host home shows, AAA travel shows, wedding expos, and job fairs. The stadium hosts approximately 4 concerts a year. Just like football, lacrosse and soccer fans, most of the concertgoers arrive via automobile. These cars are not only driving through our community, many of them park (in the lots) at our hotels – because some people are staying for an extended period of time. Patriot Place is home to a hotel on the grounds. There are also a total of 8 hotels/motels in the town of Foxborough – attracting people from all over North America (America and Canada) and beyond.

According to a traffic consultant representing Patriot Place, 12000 car trips are going to be made (to the destination) on a daily basis. Larry Koff & Associates indicated that there will be as many as 30,000a trips on peak days. Vanasse & Associates recognizes

that on Sunday with peak NFL events, this is likely to be 65,000 vehicle trips. Statistics aside, each officer has noted a marked increase in the number of vehicles travelling through town on a daily basis. The ALPR program will help to save lives in this vital region of New England.

The ALPR program will be able to remove dangerous drivers before they get into costly and life threatening car wrecks. Poor drivers and car crashes have the potential to tie up traffic along this busy traffic corridor. We will receive information on people (traveling through town) who happen to have arrest warrants. This will help us to proactively go out and arrest these individuals – before they have a chance to get away – or commit any new crimes.

Through Amber Alerts and missing person’s databases, we will be able to locate kidnapped or lost loved ones. There are a lot of attractions in town which draw in young children. Unfortunately, child predators often flock to these areas to entice/abduct kids. The ALPR program can help us identify dangerous sexual predators or level 3 sex offenders- who have not registered with the proper authorities.

Most Importantly, The Foxborough Police Department will be able to actively identify and detain anyone who had happened to drive a vehicle – in which the registered owner is on a federal or state terrorist watch list. A terrorist up on the stadium property is a very real possibility. With this new technology, we might be able to encounter a potential terrorist who is up on the property “staking out” or “casing out” the stadium and the adjacent mall. Both the stadium and the mall are potential terrorist targets.

BUDGET TEMPLATE

January 2011 - June 30, 2011- also provide specification sheet from your chosen vendor

Equipment	Cost/Rate	Total
SLATE -750- Plus MA Three Camera Mobile Law Enforcement Package	1	\$15,250.00
PIPS –SW-Boss Back Office System	Included	0
PIPS-SRVC-MVI	1	\$2,900.00
Boss Map-Map Advanced mapping utilizing	1	\$795.00
Total		

Total funding requested \$ 18,945.00

Please Note:

If your department does not have an officer safety belt policy, 50% of your total grant award will be deducted. If your department falls into this category, please provide a statement agreeing that the balance will be paid by your department or that no funds will be awarded.

Grant recipients are required to provide an in-kind (soft) match which represents 20% of the total project cost. For example if you receive \$5,000, your 20% match would be calculated as follows: \$5,000 divided by 80% = \$6,250 X 20% = \$1,250.

FEDERAL IN-KIND MATCH REQUIREMENTS - REQUIRED

Item/Service	Quantity	Cost	Total
Slate 750 - Plus	1	\$15,250.00	\$3,812.00
PIPS Software	1	Included	0
PIPS –SRVC	1	\$2,900.00	\$725.00
BOSS MAP	1	\$795.00	\$198.00
TOTAL		\$18,945.00	\$4,735.00

Department’s plan to pay for additional maintenance and warranty costs:

At this time the department is not going to sign up for a warranty, but when the budget is completed if there is money it will be considered.

For EOPSS/HSD Use:

Revised Total Request:

\$ _____

Applications due on or before November 29, 2010 at noon to:

Dan DeMille, Program Coordinator
Executive Office of Public Safety and Security
Office of Grants and Research
Highway Safety Division
10 Park Plaza, Suite 3720
Boston, MA 02116

CHECK LIST

- Completed Application (original and 8 copies)
- Required Signatures
- Safety belt policy or commitment to establish one by DATE
- Contract Authorized Signatory Listing

Please note that in the event that your department or municipality is selected for an award, a Standard Contract Form and General Subrecipient Conditions will be provided for your signature at that time.

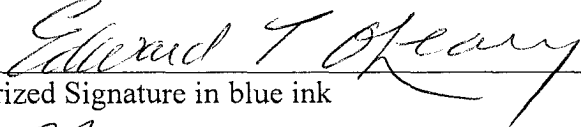
Before signing below, or obtaining signature, please be sure the entire application is complete.

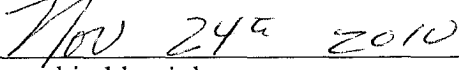
ASSURANCES

The _____ Foxborough _____ Police Department/municipality acknowledges and agrees to comply with all grant contract requirements and performance measures. This municipality or department understands and agrees that a grant received as a result of this application is subject to the regulations governing highway safety projects and grant management requirements and will comply with all State and Federal Guidelines. Funding is based on availability of federal funds. I hereby acknowledge my understanding of the above grant requirements and will comply with the best of my ability:

__Edward T. O’Leary Chief of Police _____
Authorized Representative Name and Title (please print)

Please note that the signatory must be authorized to enter into a contract with the Commonwealth.


Authorized Signature in blue ink


Date signed in blue ink

Deadline: An original application form with attachments, along with three copies, must be received by HSD by **noon on November 29, 2010**. Faxed and electronic responses will **NOT** be accepted.

*It is suggested that departments verify with EOPSS-HSD receipt of application prior to deadline (this is because of recent mail delivery problems). Please email Dan DeMille at Daniel.DeMille@state.ma.us to verify receipt.

COMMONWEALTH OF MASSACHUSETTS
CONTRACTOR AUTHORIZED SIGNATORY LISTING

Issued May
2004



CONTRACTOR LEGAL NAME :
CONTRACTOR VENDOR/CUSTOMER CODE:

INSTRUCTIONS: Any Contractor (other than a sole-proprietor or an individual contractor) must provide a listing of individuals who are authorized as legal representatives of the Contractor who can sign contracts and other legally binding documents related to the contract on the Contractor's behalf. In addition to this listing, any state department may require additional proof of authority to sign contracts on behalf of the Contractor, or proof of authenticity of signature (a notarized signature that the Department can use to verify that the signature and date that appear on the Contract or other legal document was actually made by the Contractor's authorized signatory, and not by a representative, designee or other individual.)

NOTICE: *Acceptance of any payment under a Contract or Grant shall operate as a waiver of any defense by the Contractor challenging the existence of a valid Contract due to an alleged lack of actual authority to execute the document by the signatory.*

For privacy purposes **DO NOT ATTACH** any documentation containing personal information, such as bank account numbers, social security numbers, driver's licenses, home addresses, social security cards or any other personally identifiable information that you do not want released as part of a public record. The Commonwealth reserves the right to publish the names and titles of authorized signatories of contractors.

AUTHORIZED SIGNATORY NAME	TITLE
Edward T O'LEARY	Chief of POLICE

I certify that I am the President, Chief Executive Officer, Chief Fiscal Officer, Corporate Clerk or Legal Counsel for the Contractor and as an authorized officer of the Contractor I certify that the names of the individuals identified on this listing are current as of the date of execution below and that these individuals are authorized to sign contracts and other legally binding documents related to contracts with the Commonwealth of Massachusetts on behalf of the Contractor. I understand and agree that the Contractor has a duty to ensure that this listing is immediately updated and communicated to any state department with which the Contractor does business whenever the authorized signatories above retire, are otherwise terminated from the Contractor's employ, have their responsibilities changed resulting in their no longer being authorized to sign contracts with the Commonwealth or whenever new signatories are designated.

William A. Collins, Jr.
Signature

Date: 11/24/10

Title: Finance Director

Telephone: 508-543-1218

Fax: 508-543-6278

Email: RScollins@mail.town.foxborough.ma.us

[Listing can not be accepted without all of this information completed.]

A copy of this listing must be attached to the "record copy" of a contract filed with the department.

SEAT BELT USE POLICY

In Effect: 10/11/2003

Review Date: 10/11/2006 @ 0900

**FOXBOROUGH POLICE DEPARTMENT
SEAT BELT POLICY**

GENERAL ORDER: 88-09

REVISED: 10/11/2003

STD#. : 41.2.13

PURPOSES:

To establish a policy to assure maximum operator and passenger safety, thus minimizing the possibility of death or injury as a result of motor vehicle crashes. This policy will apply to all personnel operating or riding in Department vehicles.

BACKGROUND:

Research clearly indicates that the use of safety belts has a significant effect in reducing the number of deaths and the severity of injuries resulting from traffic crashes. A law enforcement officer's chance of being involved in a motor vehicle crash is approximately two to ten times greater than that of the general public. The use of safety restraints reduces this risk of death and serious injury and assists officers in maintaining proper control of their vehicles in pursuit and/ or emergency high-speed operations.

On December 2, 1986, the Board of Selectmen adopted a Town wide seat belt policy that requires all town employees to wear seat belts while operating or riding in town owned or leased vehicles, or in other vehicles while on municipal business.

POLICY:

To assure the safety of all personnel, it shall be the policy of the Foxborough Police Department, drivers and passengers shall wear safety belts in all vehicles owned, leased or rented by the department, except where specifically exempted.

It shall be the Operators Responsibility to see that passengers and prisoners are wearing their seat belts prior to vehicle motion.

PROCEDURE:

- Department personnel shall use safety belts installed by the vehicle manufacturer, properly adjusted and securely fastened, when operating or riding in any vehicle so equipped if used while on duty.
- Lap belts shall be properly secured in those vehicles equipped with automatic safety belts systems that

require that the lap portion of the belt be manually secured.

- The driver of the vehicle is responsible for insuring compliance by all occupants of the vehicle they are operating. All children of age, size, or weight for which such restraints are prescribed by law, shall use approved child safety restraints.

Seat Belt Policy

General Order 88-09

Revised 10/11/2003

Page 2 Cont.

- No person shall operate a Departmental vehicle in which any safety belt in the driver's seating position is inoperable. No person shall be transported in a seating position in which the safety restraint is inoperable.
- No person shall modify, remove, deactivate or otherwise tamper with the vehicle safety belts except for vehicle maintenance and repair and not without express authorization of the Chief of Police.
- Personnel who discover an inoperable restraint system shall report the defect to the appropriate supervisor. Prompt action will be taken to replace or repair the system.

There are circumstances in which the use of safety belt restraining systems may hamper the efficiency of police operations. Supervisors may grant exemptions to this policy for specific situations in which they deem efficiency of operation outweighs the safety benefit.

EXCEPTION FOR THE USE OF SEAT BELTS:

The following is a list of exceptions to the seat belt policy:

1. This policy shall not apply to persons occupying a seating position that is not equipped with a safety belt assembly;
2. To any officer or passenger possessing a written indication from a Physician or the Chief of Police that for medical or physical reasons this person is unable to use the seat belt system;
3. Unless a replacement vehicle is unavailable, no person shall operate a departmental vehicle in which any belt in the front seat is inoperable;
4. To any child less than five 5 years of age who is subject to the provisions of Chapter 90-section 7AA;
5. To any passengers or prisoner in a vehicle in which other passengers are occupying all seating positions equipped with safety belts;
6. Officers may release seat belts prior to approaching an assigned call or traffic stop;
7. Officers need not wear their seat belts when in the process of conducting a search for suspect (s) at large, when there is a possibility of leaving the cruiser in foot pursuit;

Seat Belt Policy
General Order 88-09
Page 3 Cont.

Revised 10/11/2003

8. While in the process of checking the security of business establishments where his/her duties require constantly getting in and out of the cruiser;
9. During surveillance or undercover operations;
10. When operating radar from a stationary position;
11. While report writing in cruisers;
12. When in the process of transporting injured passengers or prisoners where seat belts would tend to further aggravate an existing injury.
13. During an approved training class when instructed to do so by a certified instructor;
14. Motor cycle officers are not required to wear safety belts while assigned to motor cycle duty.

DRIVER AND / OR PASSENGER NEGLIGENCE:

If negligence of noncompliance with the requirements of this order is displayed, department authorities shall initiate appropriate corrective or disciplinary action.

The revisions of this General Order will become effective this 11th day of October 2003.

Edward T. O'Leary
Chief of Police

November 1, 2010

REF: 3 Camera Mobile P362 ALPR Price Quote

**Sergeant Michael Grace
Foxborough Police Department
8 Chestnut Street
Foxborough, Massachusetts 02035**

Sergeant Chase,

I'm pleased to provide you with this quote for a three Camera Mobile ALPR system "hard" mounted and integrated into an MDT system in your patrol vehicle.

Key points about Federal Signal in the ALPR market:

- For more than 16 years, Federal Signal market focus has specialized in Automatic License Plate Recognition technologies.
- As an Original Equipment Manufacturer, they design, manufacture, and develop their own hardware and software – they control the quality and support of their 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.

Qty	Item	Description	List Unit Cost
1	1	SLATE-750- PLUS MA Three Camera Mobile Law Enforcement Package including 750nm illumination, SuperExIII processor, camera cable/connector(s), GPS module, PAGIS software and dongle, PIPS ALPR/OCR Engine, Client/Server architecture, camera bracket mount assemblies	15,250.00
1	2	PIPS-SW-BOSS Back Office System Software utilizing Microsoft SQL Express Server Software for system administration, data analysis and data storage, data mining, reporting, mapping via google Maps, remote alerting, and networking in support of inter-agency data sharing. Note: Software includes 1 administrative plus 2 user license.	INCLUDED
1	3	PIPS-SRVC-MVI ; Field Engineering services required for the installation of the PIPS Mobile ALPR system on a traffic vehicle including PAGIS in car and BOSS back office software training . Priced on a per car vehicle basis	\$2,900.00

1	4	BOSS MAP-MAP Advanced mapping utilizing BING maps –Birds eye, satellite, multiple images	\$795
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Total Cost \$18,945.00

***** **OPTIONS** *****

1	5	(OPTIONAL) PIPS-SVC-MAINT-Mobile Annual maintenance cost for year #1 and #2 for the PIPS mobile vehicle system plus the PAGIS in car display software.	\$1815.00
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1	6	(OPTIONAL) PIPS-SRVC-MAINT-BOSS Annual maintenance cost for year #1 and #2	\$108
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		Freight is included at no charge	
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NOTE:

- 1) Only one copy of PIPS-SW-BOSS PRO System Software and one BOSS-SRVR PIPS server is required to support a combination of one or more mobile and/or fixed mobile systems (up to 1,000 separate ALPR mobile or fixed systems), therefore additional vehicles or fixed cameras will not require items 2 and 3.
- 2) This quote excludes applicable sales tax and is subject to the attached PIPS' standard terms, conditions and warranties.

Scope of Work:

Our quote ***includes*** installation. During that time, our system will be installed in your designated vehicles by our installer. After installation, you or the appropriate personnel will receive training on both PAGIS and BOSS by our representative.

Our quote ***includes*** the cost for our Back Office Server Software (BOSS) that can be installed on a department supplied SQL server. During the installation and training, our engineer will install one copy of this software application that is used for mining of all data collected by each mobile LPR system. The initial cost of installing BOSS for your agency can be utilized for all future PIPS mobile installations within your organization. It can also integrate with other local law enforcement agencies, fixed ALPR sites, or with commercial purchasers of our ALPR systems to provide a comprehensive database of vehicle movement within the surrounding areas where PIPS systems have been deployed.

NOTE 3: This software has a 4GB storage limit (approx. 120,000 license plate reads). If your agency has a full Microsoft Sequel License, BOSS integrates with it and the only limit to data storage would be the amount of server hard disk space available.

NOTE 4: The above \$995 BOSS pricing includes 1 administrative plus 2 user license. Additional concurrent user licenses are priced as follow:

Block of 5	\$2250
Block of 10	\$3500
Block of 25	\$7000



All PIPS equipment hardware and software is covered by a one-year parts and labor warranty. Extended warranty agreements are available for the system after the original one-year warranty expires. 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.

Per Mobile Unit Extended Warranty	Unit Cost
2 nd Year –Annual Mobile System Warranty Renewal	\$1,815
3 rd Year –Annual Mobile System Warranty Renewal	\$2,269
4th Year –Annual Mobile System Warranty Renewal	\$2,723

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

Best Regards,

Paul G. King
MHQ
401 Elm Street
Marlborough, MA 01752
508-573-2648 office
508-726-6139 cell