

**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**

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**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 Plymouth Police Department 20 Long Pond Rd Plymouth, MA 02360			
Chief's Last Name Botieri	First Michael	Middle Initial E.	
E-Mail Address Michael.botieri@leo.gov	Telephone 508 830 4218	Fax 508 830 4217	
Grant Contact Last Name Lynn	First Name Fortini	Middle Initial	Title Business Manager
E-Mail Address Fortini@Townhall.plymouth.ma.us	Telephone 508 830 4218	Fax 508 830 4217	
<b>Applicant Profile</b>			
Does your department currently have any ALPR units in use? If so, how many?		No	
Number of full-time officers		100	
Number of part-time officers		0	
What is the population of your community according to the 2009 census?		58,581	
How large is your community (square miles)?		104 square miles	

**Problem Identification**

Category	2007	2008	2009
Number of unlicensed motorist citations	133	106	118
Number of uninsured motorist citations	109	74	103
Number of operating with a suspended license citations	124	109	130

Number of operating with a suspended license arrests	99	91	97
Number of stolen vehicles reports	61	57	38
Number of stolen vehicle arrests	3	3	1

### **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.).

In the past year, the **Plymouth Police Department** has applied for and been awarded the 2010 Statewide Bicycle Helmet Grant Program, and the 2010 Underage Alcohol Enforcement Grant. In 2009 we applied for but did not receive the Commonwealth Security Trust Fund, nor the Pedestrian, Bicycle and Moped Safety Enforcement and Equipment Grant.

Our department is also an active participant in the Registry of Motor Vehicles bus safety program, "Yellow Blitz." This initiative involves a number of our officers ensuring the safety of children that utilize local school buses.

Prior to these most recent grants, our agency has a long standing history of successful participation in various other traffic safety initiatives that have resulted in not only significant citation/arrest statistics, but also strengthened the bond our department enjoys with our community. The **Plymouth Police Department** is perceived by many as one of the most 'pro-active' and technologically advanced departments in South Eastern Massachusetts.

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

Upon receipt of the grant's funding to acquire the Automatic License Plate Reader ("ALPR"), my agency will promptly send a marked cruiser to our approved vendor (see attached estimate from "Pips Technology" care of "MHQ") to have the system installed. Our Training Sergeant will then conduct instructional seminars with a designated cadre of officers from all three shifts who will be exclusively assigned to operate the "ALPR" system. Once the unit is in use, officers assigned to its operation will be encouraged to have open lines of communication with the Training Sergeant to ease the learning curve for all personnel involved.

It is our intention to have the "ALPR" operational and deployed as a front line unit in our cruiser fleet within two weeks of receiving the grant's award.

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

If awarded, the "Automated License Plate Reader" would be deployed in a front-line cruiser that would be manned on the following shifts: 8AM to 4PM, 4PM to Midnight and Midnight to 8AM. As several officers from each shift will be trained in its use, there is no foreseeable reason why the "ALPR" should not be operational 'around the clock' in our community

Specific assignments would include utilization in locations of high traffic concentrations such as our densely populated tourist destination "Downtown Harbor Area," our four state highways (Rts. 3, 3A, 44 and 25) as well as on routine patrol within the 104 square miles of our community. Additional assignments would include patrols through areas of high incidents of reported violent crimes and illicit narcotics usage/sales.

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

The **Plymouth Police Department** has two Sergeants assigned fulltime to both our Training and Information Technologies divisions. These supervisors are well acquainted with the equipment and technology associated with our profession and can certainly train officers in ALPR use while maintaining its associated hardware/software.

Our cruisers are all currently outfitted with "ALPR" compatible Mobile Data Terminals ("MDTs") that are equipped with ready access to RMV, CJIS, NCIC as well as our own in house computer records. Each vehicle is also equipped with a Global Positioning System ("GPS") transponder which allows them to be observed in real time on a map of our community which is displayed on a large screen monitor in our Dispatch Center.

**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).

It is the intention of the **Plymouth Police Department** to see at least a 10% increase in our arrest rates from 2010 for suspended/revoked operators, as well as those who are driving with outstanding warrants for their arrest.

It is also our hope that during the same time frame an increase of 20% will be observed for citations issued to operators of vehicles that lack valid registrations and/or insurance.

**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).

It is the hope of the **Plymouth Police Department** that the addition of an "ALPR" will cause a drastic increase in our motor vehicle enforcement statistics. After the "ALPR" has been deployed for one year within our cruiser fleet, an analysis will be conducted to measure changes and trends in our citation statistics. Officers assigned to the cruiser with the "ALPR" installed will also be instructed to send periodic emails to the Training Sergeant outlining their experiences with the unit. Results from this analysis will be utilized as a tool for the future deployment of the "ALPR" within the Town of Plymouth.

Via our frequent interactions through the numerous community groups that the **Plymouth Police Department** has formed lasting partnerships, feedback will also be sought from residents in the affected areas to add their input to the overall evaluation process.

**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).

Particular attention for potential unit deployment, in addition to our already stated locations, would be paid to the roadways nearest the Pilgrim Nuclear Power Station. The “ALPR” would be a great asset and resource in our agency’s efforts to support the power plants’ security forces by identifying potential threats that have been ‘flagged’ by the Department of Homeland Security before they could gain access to one of the Commonwealth’s most terrorism sensitive facilities.

Also, the Town of Plymouth, in addition to being a significant tourist destination, is also a location with tremendous commerce. Numerous shopping plazas, industrial parks and businesses are located within our community which tends to draw in motorists from all over South Eastern Massachusetts. Coupled with sprawling residential developments that are often largely un-occupied when residents are at work, along with commuter train and bus parking lots, an “ALPR” on routine patrol could identify those wanted criminals who can be arrested before they commit additional crimes in our community.

**BUDGET TEMPLATE**

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

Equipment	Cost/Rate	Total
“SLATE-750 Plus” 3 Camera Mobile L.E. package	\$15,250	\$15,250
“PIPS-SW-BOSS” System Software	Included	Included
“PIPS-SRVC-MVI” installation	\$2,900	\$2,900
“BOSS MAP”	\$795	\$795
<b>Total</b>		

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
Grant admin		\$3,789	\$3,789
Equip training		included	included

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

Annual maintenance expenses for the “ALPR” system offered by the vendor are \$1,923, and extended warranty renewals cost the following:

2<sup>nd</sup> year- \$1,815  
 3<sup>rd</sup> year- \$2,269  
 4<sup>th</sup> year- \$2,723

If financially possible, the **Plymouth Police Department** will explore incurring these additional expenses.

**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.

