

## **RESEARCH PROBLEM STATEMENT #MA-508**

### **I – Problem Title**

Homeland Security - How to keep abreast with the latest technologies and best practices.

### **II – Research Problem Statement**

With the world's focus on terrorism, Homeland Security has undergone dramatic changes in the last few years. New technologies are continually being developed; strategies are being revised, all in an effort to fend off a terrorist attack. Do these changes have any impact on the way Caltrans does business? Should we be keeping up with the advances and implementing change?

### **III – Objective**

Improve the Department's preparedness and response in the event of a terrorist attack and to find viable solutions to Homeland Security that are less labor intensive and resource driven.

### **IV – Background**

Since that tragic day in September, the threat of terrorism has changed the lives of every American. While Caltrans was, and is still considered a leader in addressing Homeland Security, continual enhancements to security have been recognized around the world. Influxes of new technologies and strategies under development have much to do with these advances. Keeping abreast with the latest technology and best practices is paramount to address the dynamic threat against the State's infrastructure, its economy, and foremost, the safety of the travelling public.

### **V – Statement of Urgency**

Implementation of solutions should be as quick as possible as terrorism is an everyday concern.

### **VI – Related Research**

California, partnering with other States and the Federal Government, has been addressing Homeland Security through implementation of security measures and continuing research.

### **VII – Deployment Potential**

Solutions can be deployed in phases as new technologies and best practices are explored.