

# Massachusetts Highway Department Central Artery/Tunnel (CA/T) Project



During its construction, the Central Artery/Tunnel Project was the largest and most technologically complex highway project in U.S. history. The Massachusetts Highway Department recognized the potential for incidents and emergencies on such a large transportation project and retained Fortress' Albert Samano to develop an emergency management program. Using our Security and Emergency Preparedness System™, Mr. Samano developed and implemented a comprehensive and project-wide emergency management program.

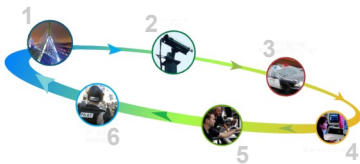
## Emergency Management Program

**STATUS:** Completed  
**LOCATION:** Boston, MA

Using the Project's **risk assessment** report, Mr. Samano analyzed the project's **threats and hazards** and developed an all-hazards, comprehensive and project-wide CA/T Project Emergency Management Program. The program, based on our Fortress Security and Emergency Preparedness System™, included the CA/T **Emergency Response Plan** and emergency response **procedures** for the project departments, the Interim Operations Center (IOC) and construction contractor personnel.



### FORTRESS Security and Emergency Preparedness System™



- ✓ 1. Threat & Vulnerability Assessments
- ✓ 2. Mitigation Planning
- ✓ 3. Emergency Management Planning
- ✓ 4. Standard Operating Procedures
- ✓ 5. Training
- ✓ 6. Drills & Exercises

Mr. Samano also developed the CA/T's emergency management **training program** for all project personnel, including 6,400 contractor personnel in the field. Finally, in order to evaluate and improve the overall emergency management program's effectiveness, Mr. Samano developed and instituted a **drill and exercise program** consisting of multiple exercises based on scenarios from the project risk assessment report. This systematic approach provided MHD with an highly effective emergency management program for responding to construction incidents throughout the life of the project.

Further, the CA/T's emergency management program was instrumental in achieving the certification required for the operations of the Ted Williams Tunnel.