



Addison Crime Prevention and Mitigation Strategies Presentation

Project Intent



To maximize the use of cutting edge technology to improve Addison's Public Safety mission by identifying the most efficient and effective technologies to enhance its crime prevention and mitigation strategies.

These technologies may include an array of the latest technologies, including license plate recognition, video capture, and other applications such as facial recognition.

Proposed Strategies



Pilot Project: Short-term

- Single-family Neighborhoods (LPR)
- White Rock and Easement Trails (Optical)

Citywide Deployment: Long-term

- Street Department
- Utilities
- Parks and other Town Facilities

Technology Recommendations



Fixed and mobile License Plate Recognition (LPR) cameras take photos of license plates capturing date, time and GPS coordinates of where the photo was taken- just like any smartphone camera – then check the image against Federal Agencies databases (i.e. High Intensity Drug Trafficking Areas (HIDTA) program, National Crime Information Center (NCIC) and local agencies flagged vehicles (knows criminals etc.).

Each license plate image captured, along with the data for that image (date, time, location) is stored in vendor's datacenter as an LPR record that can be searched only by authorized personnel.

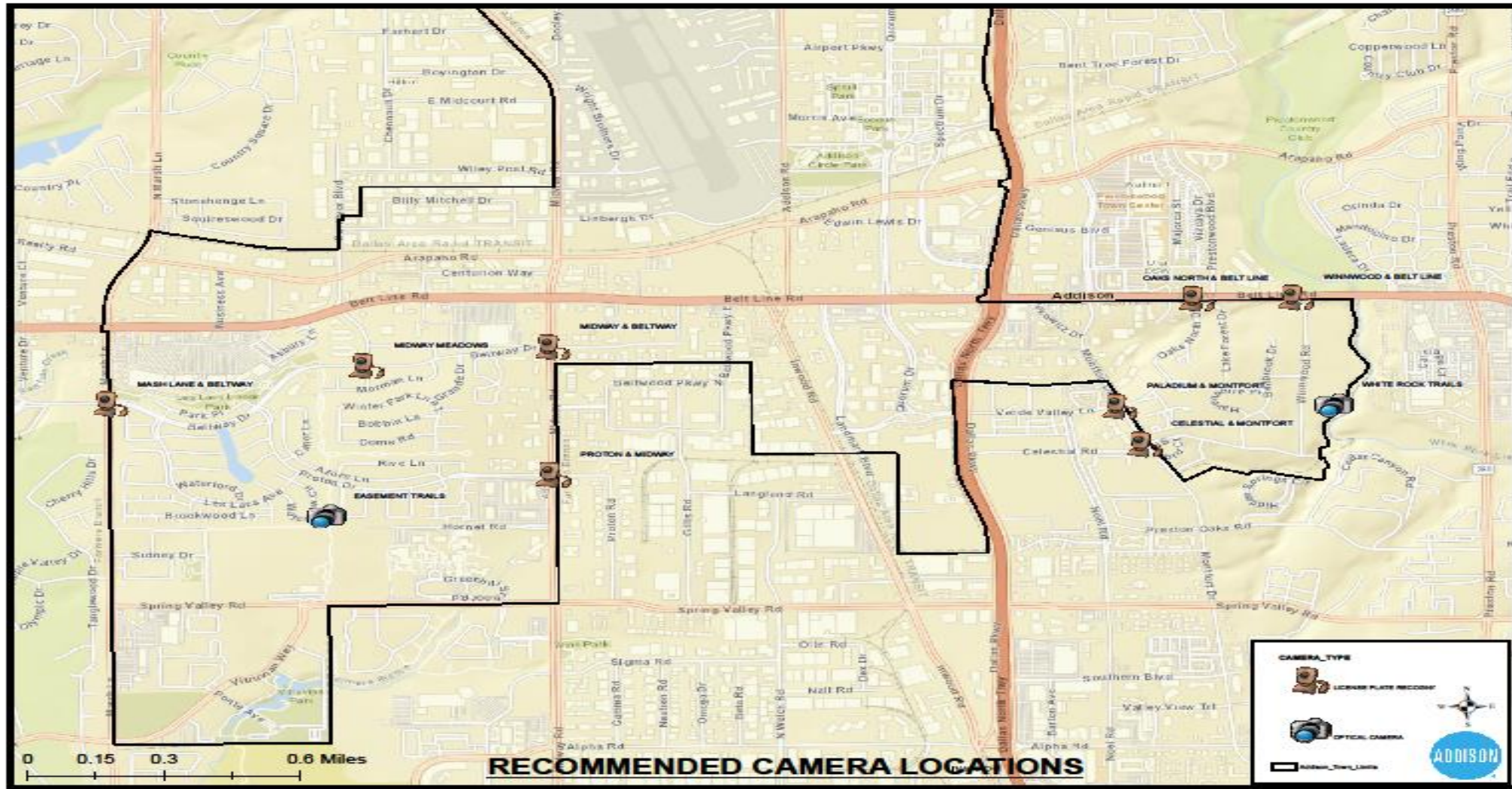
Addison owns the LPR data it generates and Addison PD can decide whether they want to share that data with other agencies and the more data is available, the greater chance Addison PD has to develop a lead in an ongoing investigation.

Pilot Project Coverage



- License Plate Recognition
 - Proton and Midway intersection
 - Marsh Lane and Beltway intersection
 - Midway and Beltway intersection
 - Winnwood and Beltline
 - Celestial and Montfort
 - Oaks North and Beltline
 - Paladium and Montfort
 - Beltway and Surveyor (Midway Meadows))
- Optical Camera
 - White Rock and Easement Trails

Pilot Project Coverage (Cont.)



Project Timeline



Q3 2018 – Design and Bid Phase for Pilot Project

- Compile technical and performance specifications
- Compile engineering drawings
- Advertise project opportunity
- Pre-qualify select integrator/contractors
- Review/select integrator/contractor. (MILESTONE)

Project Timeline (Cont.)



Q4 2018 – Construction Phase for Pilot Project

- Host construction kickoff meeting
- Conduct site visits, and perform inspections
- Conduct system coordination
- Conduct system commissioning and acceptance
- Go live. (MILESTONE)

Project Timeline (Cont.)



Q1 & Q2 2019 – Data collection – Proof of Concept Phase for Pilot Project

- Collect data for a minimum of 6 months.
- Draft a video surveillance/data collection policy to address requirements and responsibilities with respect to the following:
 - Installation and operation of video surveillance systems
 - Use of information obtained
 - Integrating 3rd party system (e.g. HOA camera system, hotels' system, etc.) onto the proposed town's system
 - Custody, control, share and access to records created through aforementioned systems.
- Share collected data, including 10-year cost of ownership and lessons learned with the Council to further secure the funding mechanism to draft and implement a Master Plan.
- Receive direction from Council on whether to scale/expand the Pilot Project to a Citywide system with a multi-phased implementation strategy. **(MILESTONE)**