

Phase Two Preliminary Findings Regarding Public Safety Technology

August 25, 2020

Presented by Paul Spencer, Chief of Police

The logo for Addison, featuring the word "ADDISON" in a bold, blue, sans-serif font centered within a white circle. The circle is set against a blue background that is part of a larger graphic design on the right side of the slide, which includes a white diagonal line and a grey triangle.

- Pilot Project for License Plate Recognition (LPR) and Optical Cameras started in April 2019 and concluded in April 2020.
- Staff presented the findings of the Pilot Project to Council May 26, 2020.
- Based on Council direction, staff will present our recommendations for phase two expansion of the LPR and optical camera system.

Philosophy of License Plate Recognition (LPR) and Optical Camera Program

- During the pilot project, we recommended starting the program within our two largest single-family residential areas. Our message to the community explained:

“The Addison Police Department receives most of its calls for service out of the business community. On a busy day, or night, our officers may not be able to spend the time within our residential areas that many of our citizens expect or desire. Not being able to meet that expectation may lead some residents to perceive a lack of safety within their neighborhoods. Envisioned to be a force multiplier for the police department, this system will assist them in keeping the community safe. This will happen two ways. First, by alerting Addison Police when a criminal enters an area protected by the system. Second, providing valuable forensic evidence should a crime occur.”

- Not based on crime data, we focused on the residential areas with the hope it would increase the perception of safety and help us manage the imbalance of the call loads within the commercial sectors of Town.

Operational Concerns

- Ensure sure our patrol officers are not constantly *chasing* the alerts that may broadcast to the cars in the field.
- License Plate Recognition equipment will not replace officers actively patrolling the neighborhoods.
- The department will not expand the system any larger than we can manage with current resources.
- Expansion into the commercial districts must ensure the LPR system will not **increase** the time our officers spend within those areas of Town at the expense of our residential areas.

Solutions to Address Concerns

- Expanding into the two **single-family neighborhoods** (public and private) does not concern staff now regarding the volume of alerts or the added burden to operations.
- Adding the **multi-family areas** of Addison Circle and Vitruvian would be beneficial from a data perspective, but we will need to filter out most of the field alerts to keep it manageable.
- Expanding into the **commercial areas** would be managed similarly to the multi-family but with more stringent filters to address the resource drain on patrol.
 - Removing all the field alerting functions for 99% of what's available (i.e. TCIC/NCIC warrants), we would not pull patrol officers out of the neighborhoods and back into the business sectors of town.
 - *One exception would be to only use the field alerts for our internal hotlists when we are looking for a known suspect in an Addison offense.*
 - LPR equipment would then provide the valuable forensic evidence needed to solve crime in the commercial areas without worsening the imbalance of commercial verses residential activity.

Preliminary Locations for LPR Expansion

ADDISON

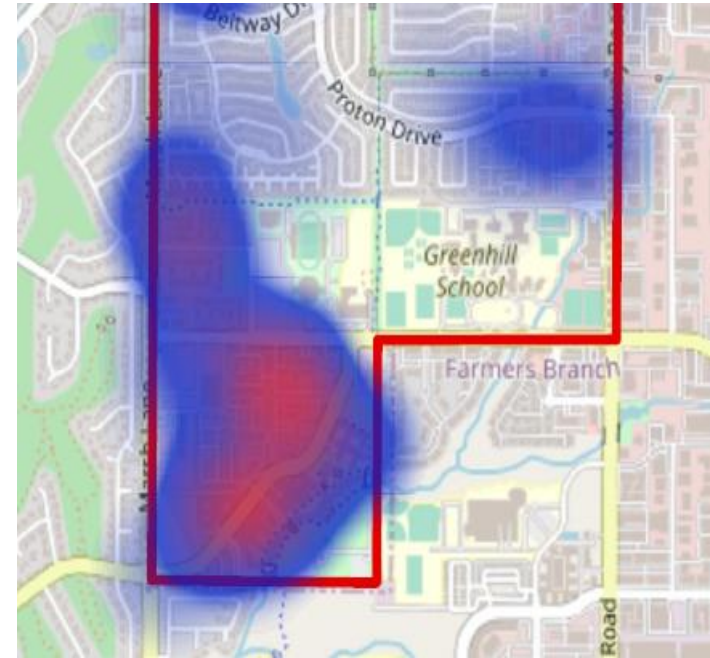
Single-family neighborhood (Addison North) located near 17000 Westgrove Drive and Lake Forest Drive (private property)



Note: the images above are a graphical representation of all crimes against persons, crimes against property and narcotics offenses.

Preliminary Locations for LPR Expansion

Addison Circle and Vitruvian Multi-family developments.



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Preliminary Locations for LPR Expansion

Commercial areas of 3700 - 3800 Beltline Road, 4000 - 4500 Beltline Road and 5000 - 5100 Beltline Road



Note: the images above are a graphical representation of all crimes against persons, crimes against property and narcotics offenses.

Preliminary Locations of Optical Camera Expansion

- Addison Circle Park
- Spruill Park
- Celestial Park
- Community Garden
- Les Lacs Linear Park
- White Rock Creek Trail
- Beltway Trail (future location)
- Town Park
- Town Park Dog Run
- Vitruvian Park
- Redding Trail Dog Park
- Addison Grove
- Winnwood Park
- Bosque Park
- Oaks North Neighborhood

Next Steps

- Staff will develop a request for Proposal (RFP) for both LPR and optical camera phase two expansion.
- The responding vendors can then design a system based on our requirements in the areas mentioned above.
- Based on cost, we can then prioritize and come forward with preliminary locations.

Questions?

A blue circular logo with the word "ADDISON" in white, uppercase letters.