

Optical Cameras Expansion Project

April 27, 2021

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

- Bond Election was held on May 12, 2012.
- Proposition 5 (\$2,000,000): Voters approved funds in the 2012 bond election for a city-wide wireless application, a secure network infrastructure for video, data and voice applications for the First Responders, and the protection of certain infrastructure areas in the amount of \$2 million.
- July 11, 2017 – Council identified seven (7) strategic pillars and ten (10) milestones including:
 - Gold standard in Public Safety (Pillar).
 - Maximize the use of cutting technology to improve Addison Public Safety mission (Milestone).
- January 23, 2018 – Council discussed perception of safety and directed staff to develop and recommend a coherent Crime Prevention & Mitigation Strategy.

July 10, 2018 – Staff recommended a phased implementation strategy for a Pilot and a Master plan implementation:

- Pilot Project: Short-Term Strategy
 - ❑ Single-family Neighborhoods (License Plate Recognition - LPR)
 - ❑ White Rock and Easement Trails (Optical Cameras)

- Citywide Deployment: Long-Term Strategy
 - ❑ Single and Multi-Family Residential Areas (LPR)
 - ❑ Commercial Areas (LPR)
 - ❑ Parks and other Town Facilities (Optical Cameras)

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.

Project History – Pilot Project

October 23, 2018 - Council approved a License Plate Recognition (LPR) and Optical Camera Pilot Project in an amount not to exceed \$600,000 to install:

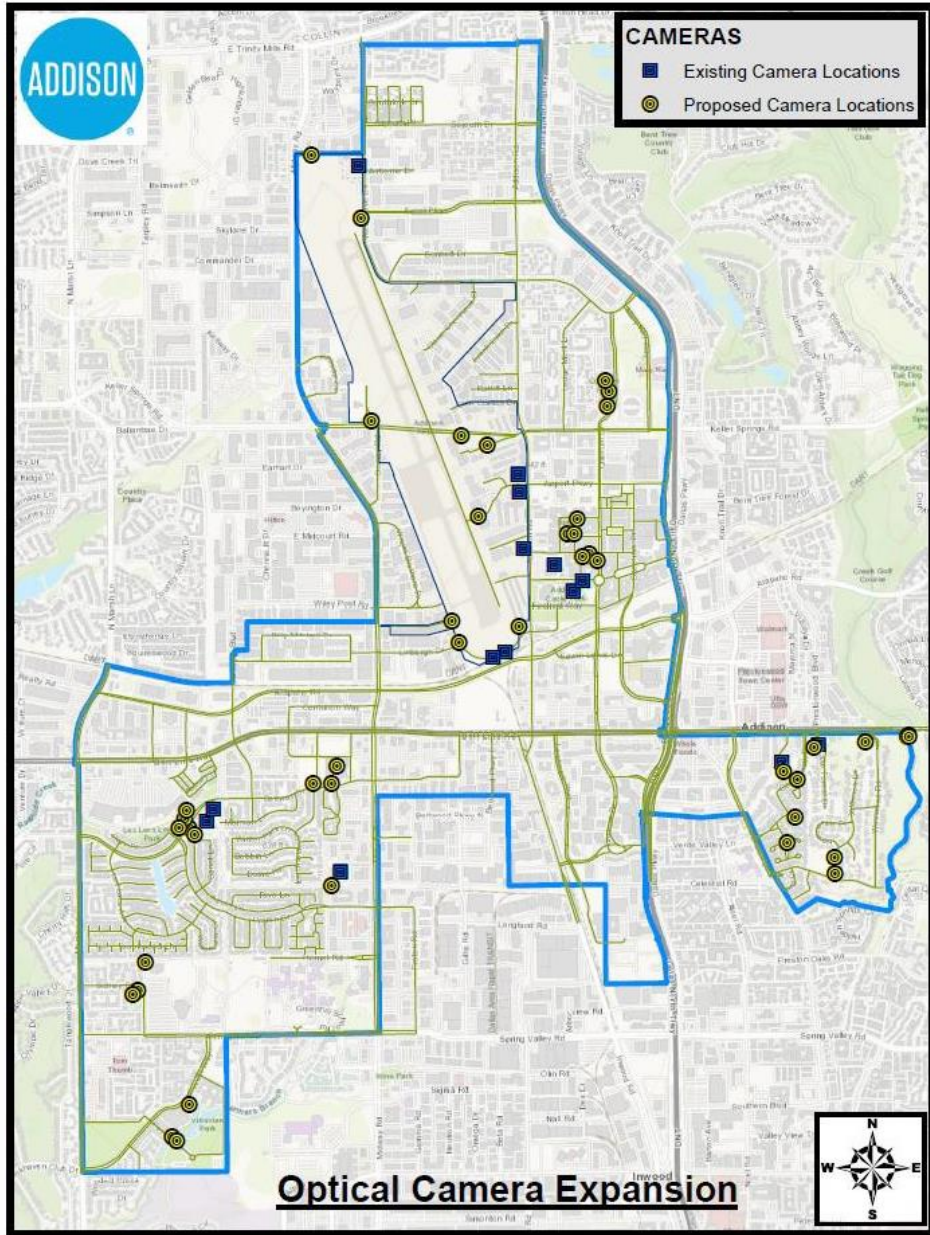
- Twenty (20) LPR cameras at eight (8) intersections and neighborhood entrances at the following locations:
 - ❑ Oaks North Drive and Belt Line Road
 - ❑ Belt Line Road and Winnwood Road
 - ❑ Celestial Road and Montfort Drive
 - ❑ Proton Drive and Midway Road
 - ❑ Beltway Drive and Marsh Lane
 - ❑ Surveyor Boulevard and Belt Line Road
 - ❑ Beltway Drive and Midway Road
 - ❑ Palladium Drive and Montfort Drive
- Seven (7) Optical Cameras at two (2) jogging, hiking, and biking trails at the following locations:
 - ❑ White Rock Creek – 2 cameras – One at each entrance
 - ❑ Easement Park – 5 cameras – Fire Station 2, Dog park, Bush elementary school, 2 cameras at Marsh Lane entrance

- August 25, 2020 - Chief Paul Spencer shared with the Council the data that was collected during the Pilot Project including, lessons learned, and the successes achieved. Consequently, Council directed staff to expand the Pilot Project.
- October 16, 2020 - Town advertised a Request for Proposals for the implementation of an advanced camera system. Seven (7) sealed proposals were received. The highest-ranked proposal was submitted by STS360.

Long Term Strategy – Proposed Optical Cameras Expansion

- STS360 will install a total of two hundred and eighty one (281) cameras. One hundred and eleven (111) cameras will be located at the recommended locations listed below for the expansion of the Optical Camera Network, and one hundred and seventy (170) cameras to replace the existing camera systems at the Town's facilities.

- Addison Circle Park
- Quorum Park
- Spruill Park
- Celestial Park
- Community Garden
- Les Lacs Linear Park
- White Rock Creek Trail
- Belt Way Trail (Future location)
- Town Park
- Dog Run by Town Park
- Vitruvian Park Bridge
- Vitruvian Park Amphitheater
- Redding Trail Dog Park
- Addison Grove
- Addison Airport
- Winnwood Park
- Bosque Park
- Oaks North Neighborhood



Optical Camera Expansion Project Cost

Optical Cameras Expansion Project Cost Plus 5 years comprehensive onsite support and maintenance, seven (7) years hardware warranty for the outdoor cameras, ten (10) years hardware warranty for the indoor cameras, and electrical and installation services is \$1,102,648.54. The sources of funding for this project are:

- \$400,000 from the Fiscal Year 2020-21 Information Technology Replacement Fund (replacement of the existing camera systems).
- \$200,000 from the Fiscal Year 2020-21 Airport Fund.
- \$502,648.54 from the 2012 Bond Fund balance.

Optical Camera Project Cost

	Pilot Project	Expansion Project	Total
Optical Cameras Implementation	\$113,612.38	\$502,648.54	616,260.92

Questions?