

Streetlight Maintenance Overview

Incorporated County of Los Alamos

County Council

August 18, 2026

Signal and Lighting Maintenance Team

Public Works, Traffic & Streets Division

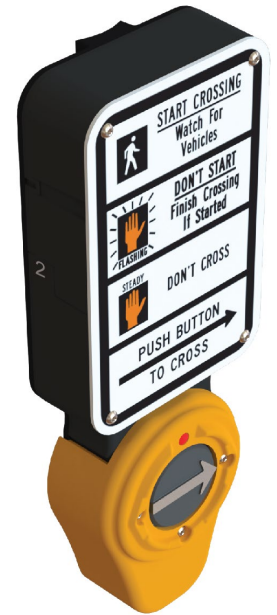
- Traffic Manager
- 2 Traffic Electricians
 - Requires Electrical EEB98J NM Journeyman License
 - Specialized Certifications - Work Zone, Roadway Lighting, Traffic Signal Levels I-III
 - NM CDL Class B – to operate large bucket truck
 - Difficult to borrow resources/electricians from other county departments
 - Hard to fill and compete with LANL's higher pay structure for electricians

Traffic Electrician Vacancy History

- May 30, 2025: Electrician resigned for LANL employment
 - Position Advertised June 2025
 - 1 Applicant Qualified, Offer Made - Declined due to salary
- October 12, 2025: Second Electrician resigned for DPU employment
- October 2025
 - Job Description, specialized requirements revised to help recruitment efforts
 - Positions Advertised
 - 2 Applicants Interviewed, Offers Made – Both declined due to salary
 - Recruitment Strategies Held with HR
- April 2026
 - Positions Readvertised with a \$15,000 Sign-on Incentive
 - 5 Applicants Interviewed – Offers made and accepted
 - One candidate started 7/6/2026
 - Second candidate starts 8/17/2026

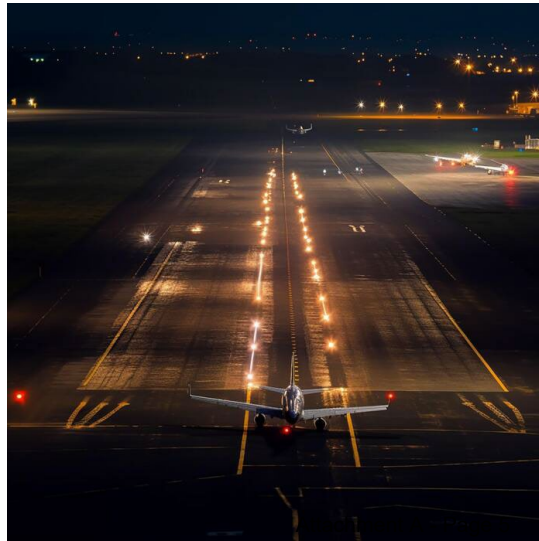
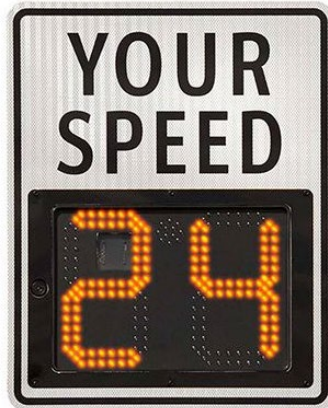
Maintenance Responsibilities

- 12 Signalized Intersections
 - Accessible Pedestrian Push Buttons for the visually impaired.
 - Machine Vision Detection Systems
 - Radar Detection Systems
 - Broadband Radio Interconnect System – CBRS 3.5GHz
 - 4.9GHz Public Safety Radio Interconnect System

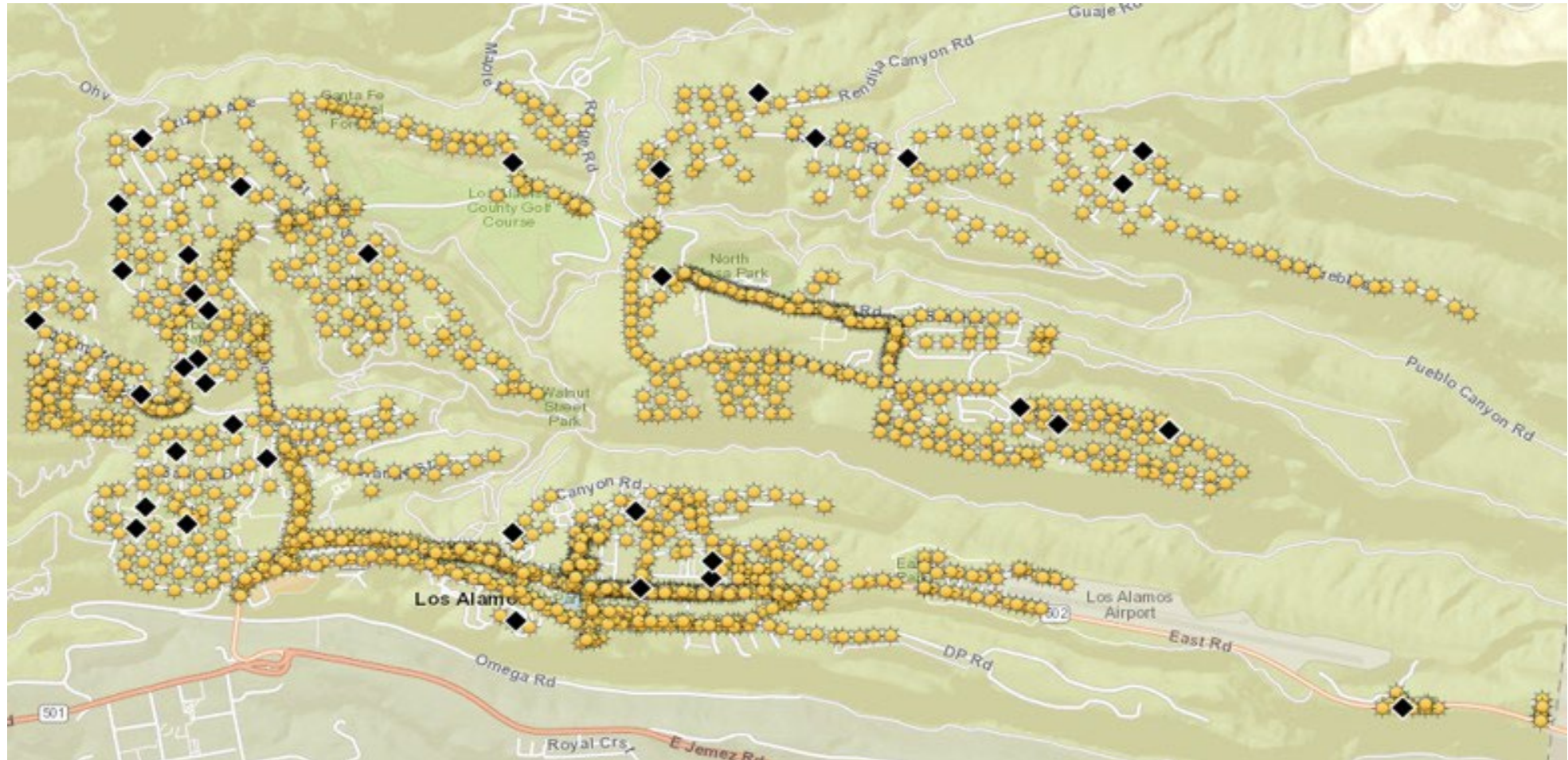


Maintenance Responsibilities

- 24 Solar School Flashers (900MHz Radio System & PC)
- 11 Rapid Flashing Beacons
- 4 Speed Feedback Signs
- Airport – Runway Lights, Beacon, Obstruction Lights, and Windsocks
- My Commute Cameras
- 811 (Call before you Dig) Line Locates - Approx 50 requests per month
- 1,673 Streetlights
 - 1375 in Los Alamos, 298 in White Rock

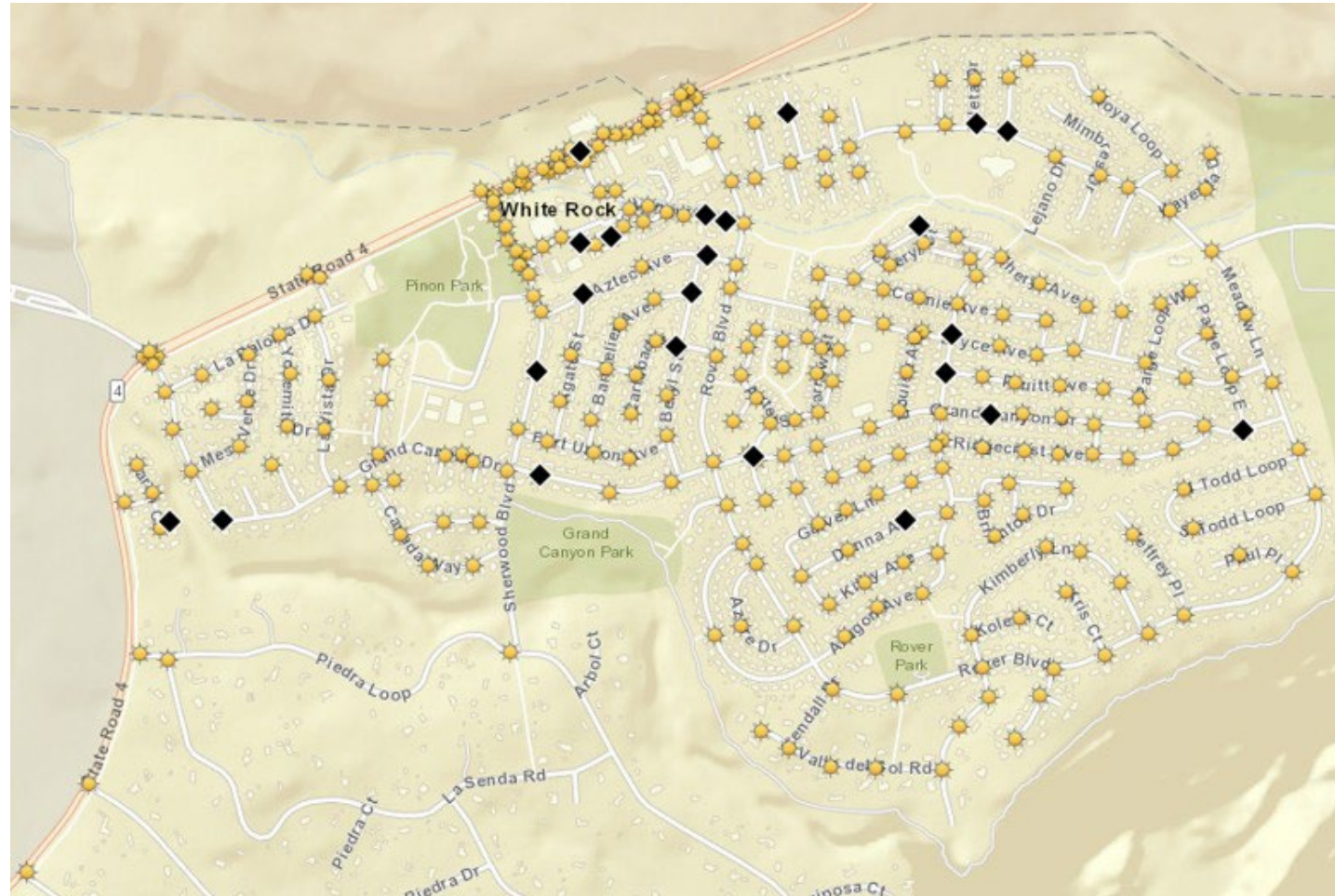


Los Alamos Streetlight Work Orders



Work Orders (38 Streetlights)

White Rock Streetlight Work Orders



Work Orders (23 Streetlights)

Streetlight Standards & Upgrades

- County Code
 - Chapter 16, Sec. 16-53 - Right-of-way Lighting, revised in 2024
 - Roadway Lighting Design Categories
 - Determined by County Council upon advice of the County Engineer
 - Governs requests new, moving or removal of lighting; lumen/temperature/illuminance
- LED Upgrades
 - \$400,000 Federal Grant through NMDOT
 - 995 LED Streetlight Fixtures to replace remaining High Pressure Sodium Fixtures
 - First Batch of 350 Fixtures Purchased
 - County Traffic Electricians and Contractor to Install



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Current Challenges

- Training New Electricians
- LED Upgrades
 - 995 LED fixture replacements, 350 in stock
 - Utilize contracting methods to do more
- Competing work
 - Utility Locates (NM811 Call Before You Dig) ~50 a Month
 - Wayfinding sign installation requires assistance from signal and lighting staff and use of both bucket trucks
- Safety vs. Dark Sky

Reporting an Outage or Street Concern

- Call Traffic & Streets (505) 662-8113
- Email Traffic & Streets
 - trafficandstreets311@losalamosnm.gov
- Customer Care 311 Call Center
- Los Alamos Now App
 - Updates & Improvements Under Review



Questions?

