CASE STUDY

# BERNALILLO COUNTY ROAD LIGHTING

**LOCATION**
Albuquerque, NM

**CUSTOMER**
Bernalillo County

**APPLICATION**
Roadway lighting

**SYSTEM INSTALLED**
119 x EverGen-M

**TECHNICAL FEATURES**
- Autobahn cobrahead-style fixtures
- Meet required roadway light level standards with dusk-to-dawn operation
- Four nights of autonomy

**OPERATIONAL IMPACT**
- No trenching or grid extension required
- Improved visibility for drivers
- Continuous lighting along a previously dark corridor

## THE CHALLENGE

Speedway Park Boulevard is a four-mile frontage road running through open desert alongside I-40 on the outskirts of Albuquerque. The route provides access to the city landfill, detention center, and speedway, but the section from the city limits to the turnoff had no lighting.

Darkness, high speeds, and steady traffic made the corridor especially hazardous. Numerous crashes had occurred along the route, including two fatal nighttime incidents involving corrections officers. Extending the electrical grid would also have required extensive trenching through the remote landscape.

## THE SOLUTION

Sol and Acuity collaborated on a 119-system solution to complete the final phase of the corridor lighting project. They paired EverGen-M solar engines with Autobahn fixtures to meet the County's required light levels and dusk-to-dawn runtime. Each system was configured with two panels and three batteries, providing four nights of autonomy without trenching, wiring, or grid connections.

## THE IMPACT

Installed in January 2026, the systems completed a continuously lit route along the frontage road. Drivers now have a clearer view of the roadway and potential hazards, while the County gains reliable lighting without the cost and disruption of extending electrical infrastructure through the desert.