

# LEDs Improve Safety and Visibility at Park & Ride



Location: Pomona, CA  
 Details: Foothill Transit Park and Ride  
 Engineer: TJK Consulting Engineers, Inc.

*“One of our goals is to have low operational expense while improving visibility and safety for anyone using the Park & Ride structure, especially during evening hours.”*

- Sharlene Bailey  
 Director of Facilities, Foothill Transit



## Project Summary

**Challenge:** Provide a dynamic visual experience for those entering the city by public transit with a new Park & Ride.

**Solution:** Add LED luminaires to increase safe and easy access to public transportation.

**Benefit:** Reduced energy consumption and low operational expense while improving visibility and safety for anyone using the Park & Ride structure, especially during evening hours.

**TekDek™ improves visibility and safety with reduced energy consumption at the Foothill Park & Ride  
Foothills Park & Ride, Los Angeles, CA**



***“We are pleased with the results that include reduced energy consumption than if we installed traditional fixtures.”***

— Sharlene Bailey, director of facilities  
Foothills Transit

The recently constructed \$9.9 million Foothill Transit Park & Ride Facility parking structure provides parking for transit customers who choose public transportation for their commutes into downtown Los Angeles.

This five-level, 216,000-sq ft., 620-car park structure is Foothill Transit’s first-ever agency-owned park and ride facility. The design embraces the materials and themes of the neighborhood, while promoting Foothill Transit’s goals of a dynamic visual experience for those entering the city by public transit. The facility has pedestrian plazas, secure bike lockers for local cyclists, LED lighting and a large art mural by California artist Hannah Daly that decorates the north and south side of the structure.

The agency, which provides public transportation for the San Gabriel and Pomona valleys, utilizes park and ride lots owned by Caltrans or other cities but wanted to open its own to better serve the needs of Foothill Transit’s customers.

“Increased safe and easy access to public transportation benefits everyone,” said Doug Tessitor, Foothill Transit’s board chair. “Each person on board is one less car on the freeway. And this new Industry Park & Ride makes it possible for all of us to enjoy cleaner air and safer, less congested streets,” Tessitor continued.

Commitment to sustainability and patrons’ safety was the driving force for installing 234 TekDek LED luminaires on the interior structure and 13 EnviroSeal™ LED luminaires on the exterior walls. While no state or federal mandates regulated the lighting technology, management and the board want to be innovative and have an energy efficient structure.

**TekDek Features:**

- Unprecedented glare reduction
- Fixture efficacy of 100 lumens per watt
- LED lifetime (L70) up to 150,000 hours
- Cutting-edge thermal management with patent-pending heat sink technology

**EnviroSeal Features:**

- Vandal-resistant housing in cold-rolled or stainless steel
- High-impact polycarbonate lenses
- Energy-efficient lenses, lamps and ballasts

**Benefits for Foothills:**

- Increased visibility and patron safety
- Reduced energy consumption
- Superior glare control without compromising light levels



**TekDek™ brightly lights the Foothills Park & Ride reducing glare without compromising light levels.**

Foothill Transit has a strong commitment to safety and security, as well as to maintaining a pleasant aesthetic look to the structure. Bailey and the Board view lighting as an important safety resource in the parking structure, while also reducing its impact on the environment through the installation of LED luminaires. The luminaires selected provide superior glare control without compromising light levels, helping to ensure the safety and security of park and ride patrons.

According to Sharlene Bailey, Foothills Transit director of facilities, “We are pleased with the results that include reduced energy consumption than if we installed traditional fixtures. One of our goals is to have low operational expense while improving visibility and safety for anyone using the Park & Ride structure, especially during evening hours.”

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