



Dallas Love Field, TX

AIRPORT PEDESTRIAN SAFETY PROJECT SUMMARY



Location: Dallas, TX

Client: [Dallas Love Field Airport](#)

Type: Landside Airport Safety

Year Installed: 2012

Project Size: 25 IRWLs, 12 Bollards, 3 W-11
LED Border-Enhanced Pedestrian Signs

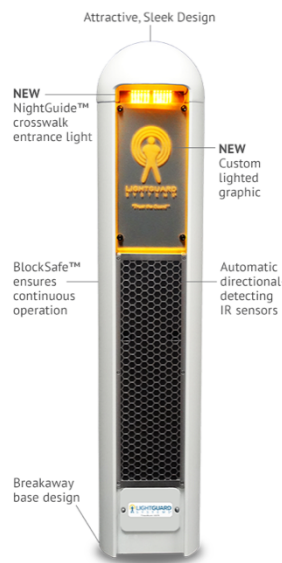
Architects: [Huitt~Zollars](#), El Paso, TX

- **Overview:** Dallas Love Field desired an enhanced level of safety for their travelers with increased pedestrian visibility and advanced warning to motorists at several landside pedestrian crossing locations.
- **Requirements:** A robust, flexible traffic safety solution that utilizes high-intensity LEDs to effectively warn motorists up to 1,000 feet in advance of pedestrians inside, or waiting to cross at a crosswalk. Traveler excitement, low visibility at night and other roadway visual distractions created the need for passive pedestrian activation using bollards, and highly visible LED illuminated pedestrian warning signs.

Solution 1:

25 In-Roadway Warning Lights (IRWL)

LightGuard Systems provided 25 IRWLs with high-intensity LEDs. Visible both day and night, they activate via passive detection bollards and flash only when a pedestrian is present. The client selected 10" composite base plates and A/C power controller. IRWLs are MUTCD compliant and a proven method of increasing driver awareness up to 95%. Highly flexible, IRWLs are an ideal safety solution at curved parking entrances, and at-grade landside walkways.



Solution 2:

12 Automatic Pedestrian Detection Bollards

Our Automatic Pedestrian Detection Bollard passive activation method was selected due to its elegant design and directionally sensitive infrared light beams, which activate only as pedestrians enter the crosswalk. Placed at crosswalk entrances in pairs, traveling pedestrians automatically trigger the system's flashing IRWLs and LED signs simply by walking in-between them—making them the safest, most effective activation method. Bollards have a range of sixty feet and contain vandal-resistant stainless steel fasteners.

(At left: our latest T6 Bollard with NightGuide™ crosswalk lighting and customizable lighted graphic)

Solution 3:

27 Flashing LED Pedestrian Crossing Signs

Our flashing LED border-enhanced pedestrian signs were added to crossings where additional visibility was desired. MUTCD compliant, only LightGuard Systems' LED signs contain 8 light bars with 96 high-intensity flashing LEDs. Visible from 1,000 feet, LED signs help to increase motorist yielding. Dallas Love Field's LED signs activate via passive detection bollards and flash only when a pedestrian is present.



“Since we installed the LightGuard Systems in-roadway warning lights and LED signs at pedestrian crossings, we’ve really seen an increase in motorist yielding and a positive effect in the overall safety of our travelers.”

— Jimmy Jackson, Electrical Supervisor, Dallas Love Field Airport