

Locations and Implementation

Crosswalks with In-Roadway Warning Lights have been installed on Roosevelt Road at Home Avenue, Gunderson Avenue, and Lombard Avenue in Oak Park, Berwyn, and Cicero as part of the recently completed Roosevelt Road Streetscape Improvement.

During the planning for the Roosevelt Road streetscape enhancements, the Roosevelt Road Advisory Committee noted the high number of pedestrians crossing Roosevelt Road throughout the corridor between Harlem Avenue and Austin Boulevard and expressed the desire to provide additional safe crossings. The three selected crosswalk locations had the most pedestrians and pedestrian accidents. TERRA Engineering, Ltd. developed the design and with the support of the three communities worked with IDOT to allow its use along Roosevelt Road.

The In-Roadway Warning Light (IRWL) System

In-Roadway Warning Lights (IRWL) were developed to reduce crosswalk accidents, improve pedestrian safety, and decrease the number of pedestrian injuries and deaths caused by driver inattention or limited visibility conditions.

In addition to the flashing beacons and enhanced signage erected for most mid-block pedestrian crossings, the new In-Roadway Warning Light crosswalks include solar-powered LED lights placed within the roadway pavement along the marked crosswalk. They are activated by pedestrian push-buttons located on each side of the crosswalk. The flashing lights warn motorists in advance of the crosswalk to brake to a full stop for crossing pedestrians.

Illinois State Law requires all motorists to stop for pedestrians in a crosswalk.



Roosevelt Road LED Enhanced In-Roadway Warning Light (IRWL) System Guide

for Home, Gunderson,
and Lombard Avenues

*New Technology for
Safer Pedestrian Crossings*



225 W Ohio St., 4th Floor | Chicago, IL 60654
Phone: 312-467-0123 | www.terraengineering.com

Prepared by:



What to do at an intersection equipped with In-Roadway Warning Lights

Drivers:

- Illinois State Law requires you to **stop** for pedestrians in marked crosswalks.
- The flashing beacon and the flashing LED lights in the pavement alert you of the presence of pedestrians in the crosswalk.



(Left) The crosswalk beacons remain off until a pedestrian presses the activation button...

(Below) ...at which point the mounted signpost beacon and in-pavement lights begin flashing while pedestrians cross the street.



- Stop your vehicle before entering the intersection when pedestrians are present and/or the crosswalk signals are activated.
- You must not proceed until pedestrians reach the sidewalk on the other side of the street.



Pedestrians:

- Illinois State Law requires drivers to stop for you in marked crosswalks, but many drivers don't know or don't obey the law.
- You must press the pedestrian push-button to activate the protective flashing lights.
- The In-Roadway Warning Lights are intended to alert drivers of your presence, both day and night.
- You will not be able to see the flashing lights in the roadway.
- Be sure that approaching drivers **stop** before you begin crossing the street.
- The lights will continue flashing for the time it takes to normally cross the street.
- The marked crosswalks provide pedestrian guidance and help alert drivers of pedestrian presence. **Do not** cross the roadway where crosswalks are not present.