Pedestrian Crossing Safety System

POWERED BY APPLIED INFORMATION

MAKE YOUR CROSSWALKS SAFER

Applied Information's Pedestrian Crossing Safety System, or PCSS, provides an easy and affordable way to make crosswalks safer for pedestrians with an innovative combination of flashing warnings, audible alerts and connected technology.

Connected crosswalks keep pedestrians safer

More than 500 pedestrians are killed each year when using a crosswalk, according to the National Highway Traffic Safety Administration. The PCSS is a cutting-edge device that detects the speed of approaching vehicles and uses flashing patterns and, in some cases, a Digital Message Sign to warn motorists and pedestrians of possible collisions.

- Control the flashing patterns and optional Digital Message Sign from anywhere with your smartphone, tablet or computer.
- Over-the-air software updates make downloading new features and flash patterns easy.
- The remote monitoring system sends you a text or email whenever there's a problem with the PCSS.
- The PCSS connects to the TravelSafely™ app for an added level of safety

MID-BLOCK CROSSWALK SAFETY

The nature of mid-block crosswalks makes them easy for motorists to miss and dangerous for pedestrians. Signalizing your mid-block crossing with connected technology brings an extra level of safety to pedestrians and prevents needless accidents.

NEXT-GENERATION TECHNOLOGY

Easy to Connect
The PCSS connects to the cloud using built-in cellular communication and seamlessly integrates with Glance for easy control and maintenance.

Highly Customizable
Multiple flashing warning options are offered to suit every environment, as well as an optional Digital Message Sign to display the warnings.

Traffic Insights
The PCSS provides information on the radar speed detector's number of activations, median speed, 85th percentile speed and volume of traffic per hour.

Active Safety
The PCSS detects the speed of approaching vehicles and responds with both flashing patterns to warn motorists and audible alerts to warn pedestrians.

Over-the-Air Updates
The PCSS makes downloading new features and flash patterns easy. There's no need to send an engineer to the site to change them.

Pedestrian Crossing Safety System hardware automatically connects to the TravelSafely™ app and provides an audible warning to pedestrians and motorists using TravelSafely.

TRAVELSAFELY

ALERT
Fast Approaching Vehicle

HOW IT WORKS

Applied Information's Pedestrian Crossing Safety System is the next generation of crosswalk safety systems for smart cities.

4

3

1

SLOW

2

1. Visual & Audio Alerts

The PCSS automatically detects potentially dangerous situations and uses alerts to prevent fatalities.
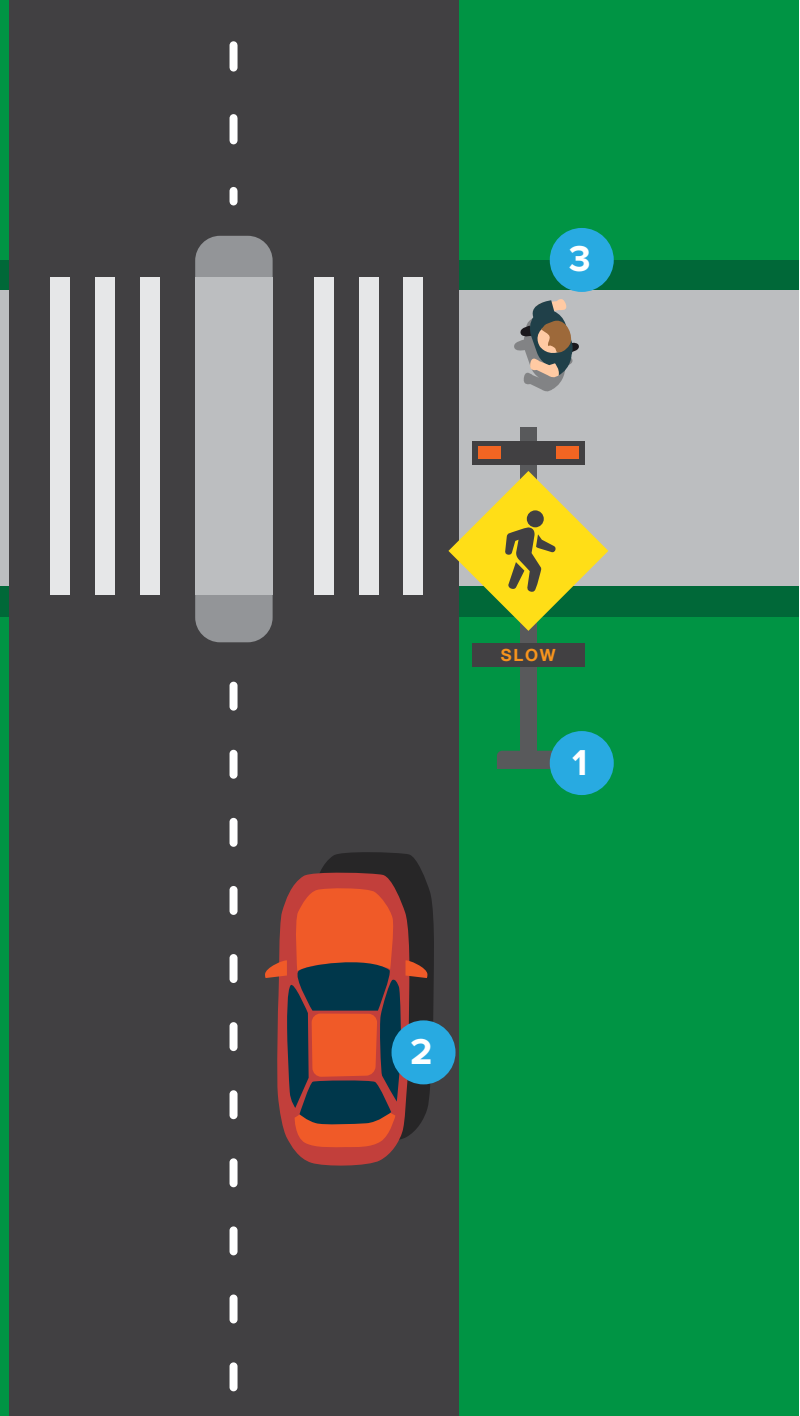
2. Vehicle Warnings

Dynamic flash patterns and an optional Digital Message Sign warn motorists of possible collisions.

3. Pedestrian Alerts

The PCSS provides audible alerts to pedestrians to make them aware of their surroundings.

4. TravelSafely™ App

The TravelSafely App works with the PCSS to provide audible alerts on users' cell phones.

Powering the Smart City

Applied Information seamlessly links all your wired, wireless and cellular ITS devices. The Glance Smart City Supervisory platform connects intersection controllers, preemption systems, school beacons, road signage, live video and more into a single, easy-to-use web-based application. Partner with Applied Information and let our team of experts connect your organization so your transportation system can save lives, improve traffic and drive commerce.

ai applied
INFORMATION

678.830.2170
www.appinfoinc.com
info@appinfoinc.com