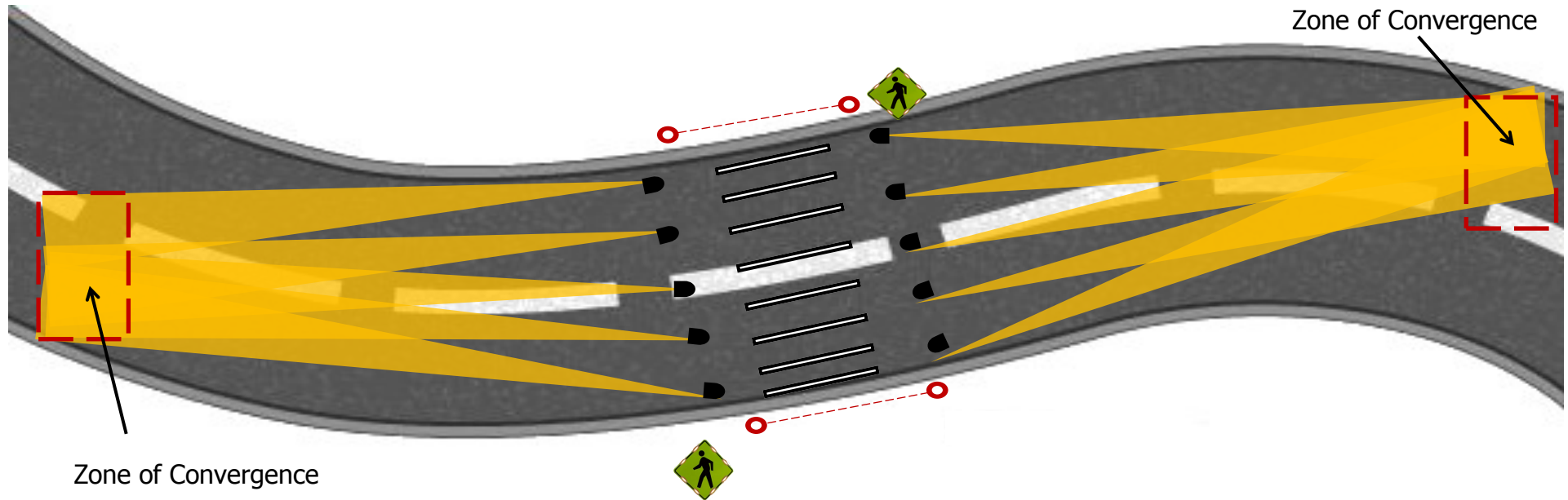




2-Lane Curved Road In-Roadway Warning Light (IRWL) System



Determining the location of the “Zone of Convergence” on a curved roadway is similar to a straight roadway. Determine the total stopping distance based upon the speed limit of the roadway. The **minimum** starting point of the convergence zone is determined by the **minimum** stopping distance on dry pavement for the posted speed limit. This minimum stopping distance includes a motorist decision distance, based on a one-second reaction time, plus the necessary speed deceleration distance required to come to a complete stop under optimum conditions.

System Component Key

- In-Roadway Warning Light (IRWL) signal light module housed inside a baseplate
- W
 Pedestrian (W11-2) sign or School crossing sign (S1-1) with LED border enhanced flashing lights
- Automatic Activation Bollards with infrared light beam
- Power Control Unit (PCU) Solar or AC/DC

©2018 LightGuard Systems, Inc. All Rights Reserved.