

# E-SIGNS

E-signs, ruggedized signs that use light-emitting diode (LED) technology, enhance safety at public and private grade crossings by heightening motorist awareness of potential train presence. By flashing high intensity LEDs that are embedded in the outer border of E-signs at grade crossings, the Texas DOT and the Virginia Transportation Council have shown that motorist blow-through is reduced by 34 percent, and motorist roll-through is reduced by 53 percent.



## BENEFITS

Mitigates risk by providing greater visibility through patented BlinkerSign® technology

Flexible programming allows user to define operational mode

Installs and maintains easily, providing an additional layer of safety

## FEATURES

- ✓ Day-Viz™ system automatically adjusts light output to optimize day/night visibility
- ✓ Configurable user parameters for flash activation, either by vehicle/train detection or continuous 24/7 coverage
- ✓ MUTCD reflectivity and illumination standards
- ✓ Green technology operates on solar power, providing up to 14 days' continuous coverage
- ✓ Ruggedized for railroad applications
- ✓ Anti-graffiti protective overlay prevents permanent staining
- ✓ Tamper-proof mounting
- ✓ Optional synchronization with other E-signs

# TECHNICAL SPECIFICATIONS

## Physical

- .08 highway-grade aluminum sign substrate
- 3M DG3 reflective sheeting with anti-graffiti overlay
- Anti-theft bolts
- Nickel hydride battery with up to 5-year life
- 1-year manufacturer's warranty
- Ruggedized for railroad application

## LEDs

- High power Luxeon 1-watt LED light with more than 100,000-hour life expectancy
- 50 to 60 flashes per minute
- Confirmation LED on back for on-track inspection
- Auto-adjustment optimizes day/night visibility via Day-Viz™ system

# APPLICATIONS

## Private Crossings

- 24/7 activation
- Activation by CTC train/vehicle-detection systems

## Public Crossings

- Supplementary signs can be easily installed as an interim measure until active warning devices are installed
- Enhances visibility of "No Train Horn" signage in quiet zones

