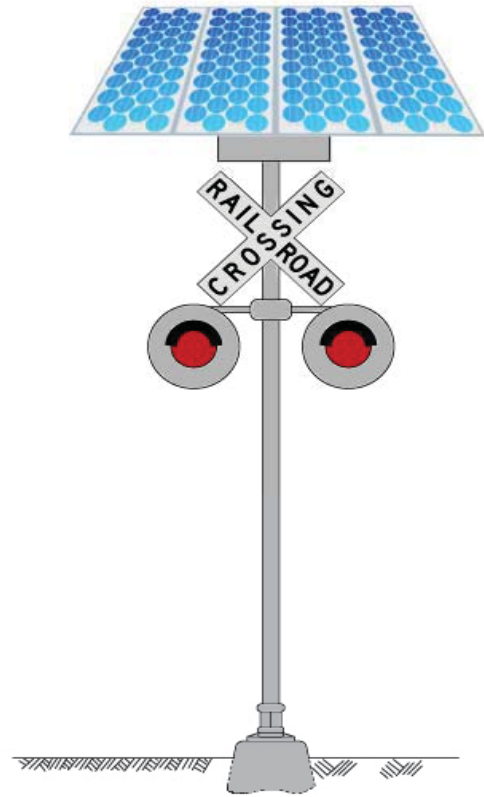




When it comes to solar railroad products, you want to make the right choice – to make your decision based upon a clear understanding of the facts and the knowledge that the products you select are well designed, well engineered and properly configured to meet the demands that will be placed on them. Simply put, you want to know that *your* system will work in *your* application and environment the way it was designed – for the long-term.

SLI, Inc. is setting a new standard in solar electric power systems for railroad applications. Standard and systems are designed with the express purpose of out-performing any solar electric powered railroad applications previously on the market in terms of superior engineering, system stability, reliability, and quality of components.

SLI, Inc. is committed to providing a quality product designed for your remote power needs. Simply put, you want to know that your system will work in your application and environment the way it was designed – for the long-term.



## Applications

- Wayside Signaling
- Intermediate / Approach Light Signals
- Repeater Locations
- Grade Crossing Hybrid Power Systems
- Lighting Installations
- Trailer/Skid Mounted Portable Designs

## Features

- Engineering Design Assistance
- Vandal Resistant Design
- CAD Sizing Analysis
- Ground and Pole Mount
- Wood/Telephone Pole Mounted Systems
- Hot Dipped Galvanized Steel Poles & Mounts
- Anodized Aluminum Poles & Mounts
- Remote Signaling capability
- Bells
- Cross bucks
- LED Flashing Signals
- Gate system available
- Our design allows for less labor intensive installation vs. commercial power
- 10 day battery backup
- Integrated communications
- Complete System Installation Kits
- Documentation and Manuals
- Custom Solar Module and System Site Design
- Installation Services
- ASHTO compliant crossing systems
- Remote Signal Operation



# RAILROAD SOLAR POWER SYSTEMS

## Next Generation in Crossing Technology

Protect Grade Crossing Systems are improving the safety of railroad crossings and saving lives in North America. This revolutionary new concept in railroad crossing protection offers a superior, affordable grade crossing system that increases public and employee safety while decreasing company liabilities and budget constraints.

We are the leader in industrial railroad crossing protection and proudly contribute to improving the safety of railroad crossings located in: Alabama, Colorado, Florida, Georgia, Kansas, Kentucky, Louisiana, Minnesota, North Carolina, Oklahoma, Tennessee, Texas, Virginia, West Virginia and Canada.

## Improve Railroad Crossing Safety

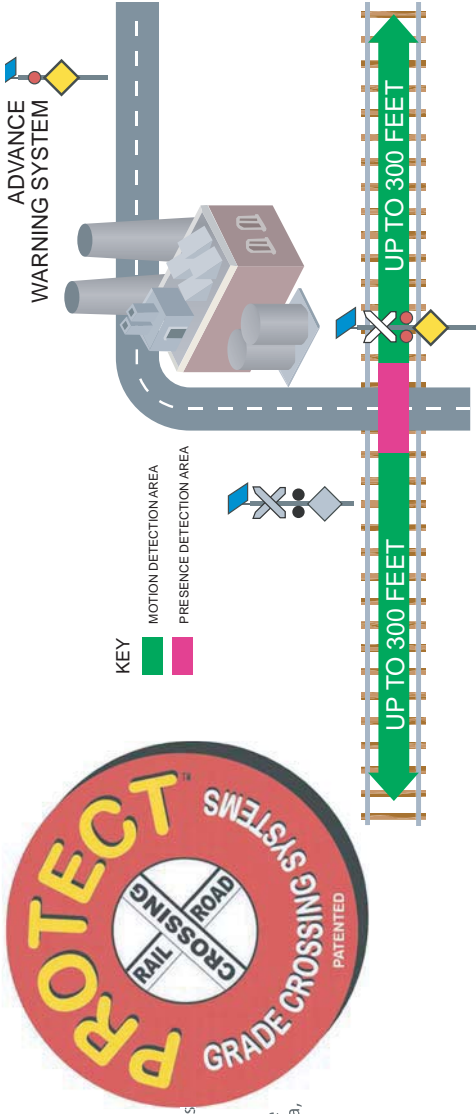
Railroad crossings present a significant safety challenge. Although collisions between vehicles and trains occur less frequently than other types of vehicle accidents, they are usually severe and often fatal. Research demonstrates that collision frequencies are significantly lower at crossings equipped with active crossing signals which detect the presence of trains than display flashing lights and sound an alarm bell. Our crossings marked only by a sign. To provide affordable active crossing protection, Ontrack invented and patented the Protect Grade Crossing System.

## Save Time and Money

Designed to increase awareness and reduce accidents at railroad crossings, the Protect Grade Crossing System is easily installed without interruption of rail service and can be operated at any location without incurring the expense of providing power to the crossing. Our system is wireless, self-contained, 12 volt, solar recharging crossing protection that utilizes motion and presence detection to activate and control the system.



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When a train enters the motion detection area, the motion detector activates the system until the rear of the train exits the crossing. If the train stops in the motion detection area and it is not occupying the crossing, the system will deactivate. The system will reactivate if the train moves toward the crossing and will not reactivate if it moves away from the crossing. The presence detector will keep the system activated if the train stops while occupying the crossing.

