



SIGNAL UPGRADE

# Railroad Pre-Emption System

## Increases Safety at Railroad Crossings in Work Zones

The Horizon Railroad Pre-Emption system preempts the active signal program in the event of a train intersecting the work zone. The system is activated by the railroad crossing gate controls via a hard-wired or wireless connection. All signals within the system revert to a solid red indication at the same time the railroad gates are activated by an oncoming train. The signals will remain in solid red mode until the train has safely cleared the work area, at which point the Horizon Signal system returns to normal operation. Horizon Portable Traffic Signals can be equipped with a modular add-on pre-emption system. We have employed known proven technology to offer pre-emption as an option on all of our portable traffic signal systems.

**COMPATIBLE  
WITH ALL  
HORIZON SIGNAL  
PTS SYSTEMS**



# Railroad Pre-Emption System



## FEATURES

- Integrates with existing train detection
- Reverts all signals to Red until the train clears the work area
- Wireless or hardwired communication option
- Compatible with all Horizon Signal Systems

## OTHER AVAILABLE OPTIONS

**PEDESTRIAN CROSSWALK SIGNALS** | System can be configured with MUTCD-compliant pedestrian crosswalk signal indicators.

**ADVANCED REMOTE MONITORING** | Receive text and/or email alert notifications of signal operation and battery voltage levels.

**FLAGGER/PILOT CAR MODULE** | Allows flagger or pilot car driver to control signal status with built in safeguards.

**DRIVEWAY ASSISTANCE DEVICE** | System can be configured with DAD indications for use on residential driveways.



## Works with Any Horizon PTS!

The Clearance Time Extender works with any core Horizon Signal System.



## DISTRIBUTED BY



**HORIZON**  
SIGNAL

ADVANCING WORKZONE SAFETY

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Certified Quality  
Management System