

# PEXCO



## FG 300 CURB SYSTEM

MODULAR LANE SEPARATION AND MEDIAN BARRIER FOR RAILROAD CROSSINGS



### THE DANGER AT RAILROAD CROSSINGS

In the US in 2004, **over 350 people were killed and over 1,000 seriously injured** in 3,000 highway-rail grade crossing collisions. Nearly half of all vehicle/train collisions occur at crossings with active warning devices (gates, lights, bells). Innovative traffic control devices, like our FG 300 Curb System, are required to address the need for greater safety at the rail crossings in your community.



FG 300 Interstate Grade Curb



## FG 300 CURB SYSTEM

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#### The FG 300 Curb System offers high visibility and easy installation at a low cost!

The **FG 300 Curb System** is a Median Separation system that permits safe and efficient operation of rail and highway traffic over at grade rail crossings. The system provides an economical median barrier system for restricting motorists from driving around lowered crossing arms. Median barriers have been shown to decrease accidents and reduce gate violations at at-grade, high speed rail crossings. The FG 300 Curb System is **designed to provide a much more effective visual, psychological and physical barrier** than other separation systems. When with a post every 3 feet, the FG 300 creates a “picket fence” effect that provides guidance to drivers of proper lane location. impact the curb in an accident.



Quiet Zone in rural setting



Picket Fence effect at a railroad crossing

#### Safety Improvements in Quiet Zones with Whistle Ban

The recent “Train Horn” Rule now requires “Supplementary Safety Measures” at grade crossings to prevent motorists from driving around gates. Supplementary Safety Measures are engineering improvements that compensate for the absence of the train horn. If employed at every crossing in the Quiet Zone, they can qualify (see regulations from FRA at [www.fra.dot.gov](http://www.fra.dot.gov)).

#### FG 300 Curb System Features

- **Reduces gate violations** and improves safety
- **Stands up to repeated vehicle impacts** at over 60mph. Rebounds to upright position after impacts
- **High visibility at night** from hundreds of feet away. Built-in cube corner reflectors
- **Low profile** provides less of a hazard to both emergency vehicles and motorcycles
- **Easily installed** in a few hours with our innovative anchor bolt system
- **NTPEP National Deck Tested** and NCHRP 350 Approved

#### Lowest Maintenance and Cost

The FG 300 Curb System blends durability, color conspicuity, reflectivity and low maintenance.

The tough, flexible polyurethane used in our FG 300 UR provides the greatest rebound of any flexible polymer.

A typical install of our curb system can be done in a matter of hours, providing durable safety in a highly cost effective manner.

