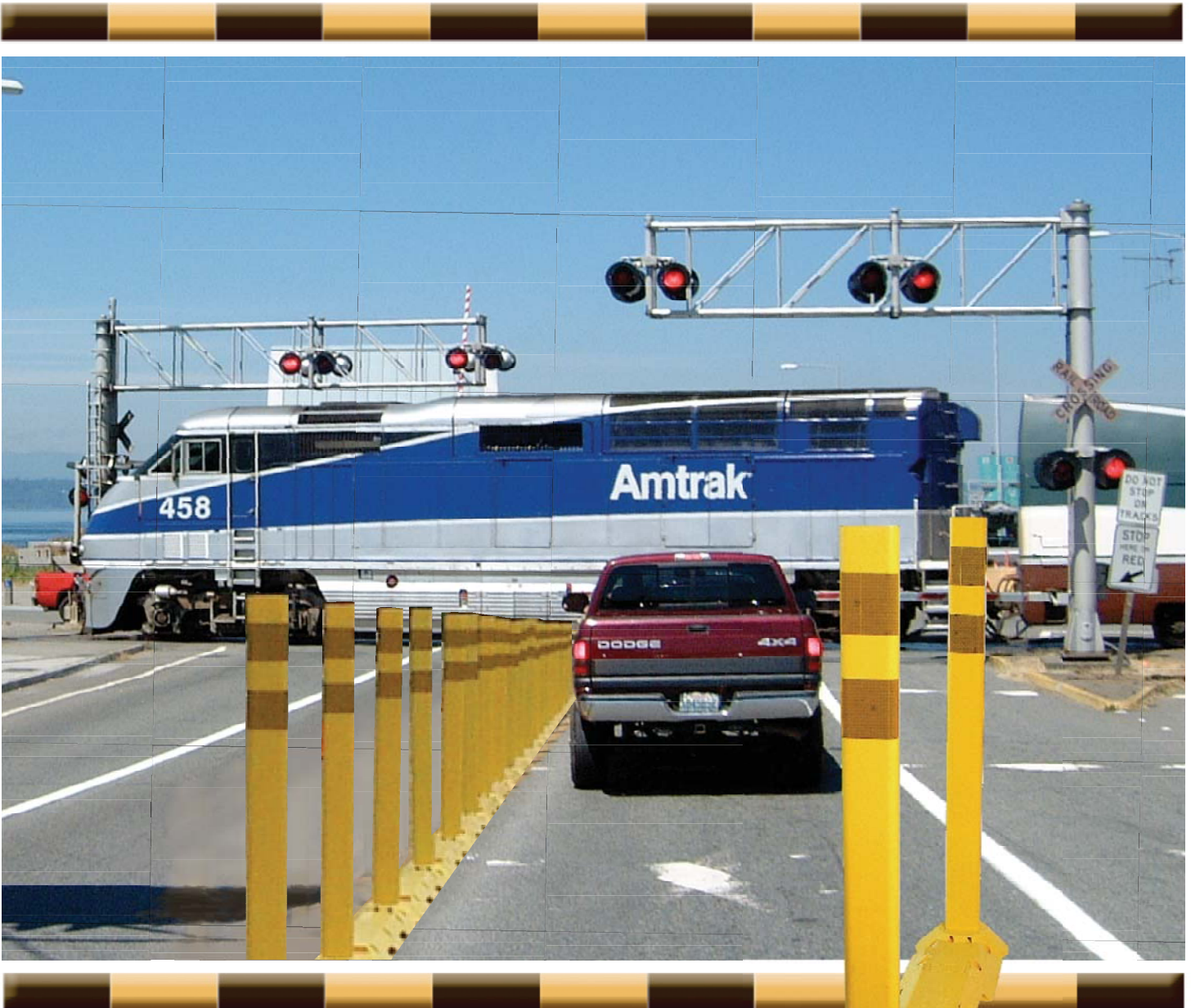




Davidson Traffic Control Products

# FG 300 Curb System

Modular Lane Separation and Median Barrier



*"Creating Products to Save Lives"*

*FG 300 Interstate  
Grade Curb*



# The FG 300 Curb System, a big step in traffic safety, easy install at a low cost

## 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.

## Safety Improvements in Quiet Zones with Whistle Ban

The recent "Train Horn" Rule now requires "Supplementary Safety Measures" at grade crossings to prevent motorist 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 automatically qualify the Quiet Zone (detailed instructions for establishing or requesting recognition of a Quiet Zone is provided in regulations available from FRA at [www.fra.dot.gov](http://www.fra.dot.gov)).

## FG 300 Curb System

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 used with a post every 3 feet, the FG 300 creates a visually striking "picket fence" effect that clearly provides guidance to drivers of proper lane location. Our posts shine at night, visible from hundreds of feet away and our optional built-in cube corner delineators add to the brightness of the curb system.

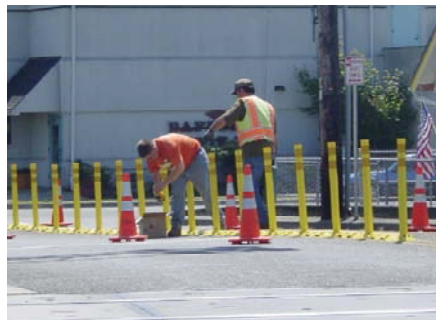
The low profile of our system is less disruptive to emergency vehicles and public safety professionals who must pass over the curb system in an emergency. The low profile also provides less of a hazard to motorcycles and errant vehicles that impact the curb in an accident.

## FG 300 Curb System Features

- Reduces gate violations and improves safety
- Stands up to repeated vehicle impacts at over 60mph
- Factory installed road studs for superb nighttime visibility
- Easily installed in just a few hours using innovative anchor bolt system
- Low maintenance with our super-tough urethane upright post
- Low installed cost due to the simplicity of design
- NTPEP National Deck Tested
- NCHRP 350 Approved

## Lowest Maintenance and Low Cost

Our Curb System is an optimal blend of durability, color conspicuity, reflectivity, and low maintenance. The tough, flexible polyurethane plastic used in our FG 300 Model UR delineator post provides the greatest rebound of any flexible polymer. This allows our posts to be struck repeatedly and rebound to an upright position. Their solid color throughout requires no painting, reducing maintenance costs. The FG 300 Curb System has many other applications for directing traffic and is quick and easy to install. A typical installation of the FG 300 Curb system can be done in a matter of hours, providing durable safety in a cost-effective manner. The FG 300 Curb System is proven to be a low-cost investment with a high rate of return in safety at crossings. These devices cost an average of \$10,000 per location, have low maintenance costs and are highly effective.



A typical installation at a railroad crossing



Picket Fence Effect



Filtrona Extrusion is a leading manufacturer of recycled delineator products.



## Davidson Traffic Control Products

"Creating Products to Save Lives"

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