



## Options and Applications for

Davidson Traffic Control Products

# FG 300 Interstate Grade Curb System

Modular Lane Separator Curb System



### Increased Visibility for Superior Channelization

By using a post every 3 feet, the FG300 Curb System creates a more effective visual and psychological barrier than other curb systems. Even at moderate speeds, the array of channelizer posts creates a "picket fence" effect, strongly deterring motorists from crossing.

In accordance with the 2009 MUTCD Section 6F.72 Temporary Lane Separators: "Temporary lane separators may be used to channelize road users, to divide opposing vehicular traffic lanes, to divide lanes when two or more lanes are open in the same direction, and to provide continuous pedestrian channelization."

### A Multitude of Applications

- Highway Median separators that install quickly at a low cost
- Rail-Highway Crossings: significantly reduce gate violations
- Work Zones: safe temporary separation of traffic
- Thru Lane Protection: keep vehicles separated in critical areas on toll roads
- Prohibit Illegal Turns by channelizing vehicles at dangerous intersections
- Acceleration Lanes: speed up merging traffic by creating a median barrier between two lanes of merging traffic



### Curb System Withstands Multiple High Speed Impacts

Proven in testing at the Texas Transportation Institute, the unique polymers used in the FG 300 curb sections and upright posts absorb high-speed vehicle impacts, allowing the system to sustain hits at high speed with no damage to the system or danger to the driver. The FG 300 Curb System meets or exceeds state and federal specifications for lane separator curb systems.

### Reflective Sheeting Matched to the Durability of our Posts

ordered with factory-applied Prismatic Super High Intensity, Flexible High Intensity retroreflective sheeting. Call for details regarding the availability of decals and custom printing options. Specify reflective grade, color and size when ordering.

### Uprights Are Replaced Quickly & Easily

FG 300 posts are attached to our curb units with two simple Quick Release pins. It takes only seconds to replace a damaged post using the Pin Removal Tool. This is very important for work zone installations where speed and ease of replacement are of the utmost importance. Quick replacement of damaged posts means less exposure for workers, a big plus for safety!

### 1-Piece for Easier Handling

The system is installed with standard power tools and removable and re-usable 1-piece anchor bolts or Adhesive 795 A. Installation typically takes one worker less than five minutes per section. Quick and easy!



*"Creating Products to Save Lives"*

# Options and Applications for the FG 300 Interstate Grade Curb System

## Modular Lane Separator Curb System

### Vertical Panels Provide Increased Guidance

Vertical panels on curb systems can take a tremendous abuse. The FG 300 EFX with factory installed vertical panels provide dramatically improved durability. The combination of the unique geometry and urethane alloy used to build the EFX allows it to rebound and re-orient the panel towards traffic after impact.

Our EFX posts support an array of vertical panels for increased visibility and directional information. Vertical panels conform to Section 6F.66 of the MUTCD, and are available in two standard sizes, 833 (33" overall height with an 8" x 30") and 422 (22" overall height with a 4" x 20" reflective panel).

Custom configurations are available by special order. Panels are available in Orange-on-White or Black-on-Yellow in "Sergeant Stripe" or Left-hand slant styles and can be sheeted with High Intensity, Prismatic HI, Diamond Grade or



Abrasion resistant Super-HI Prismatic sheeting to provide the highest levels of reflectivity and guidance.

### Polyurethane – the Material of Choice

The FG 300 Models UR and EFX are both made from polyurethane. This polymer provides very high tensile and elongation properties, with superior resistance to tearing and puncture.



Polyurethane maintains its flexibility to -50° F, and its toughness during exposure to fuels, oils and grease. It is simply the material of choice for "can't fail" applications. The urethane alloys used in the FG 300 Models UR and EFX absorb impact better than any other flexible polymer, allowing these tubes to sustain numerous hits at high speed. A longer lasting post is a safer post for your roadways.



Get FREE downloadable CAD drawings of our products from CAD Details at [www.caddetails.com](http://www.caddetails.com) or contact us at [www.hwysales@pexco.com](mailto:hwysales@pexco.com)



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ISO 9001 - FM 565059  
ISO 14001 - EMS 565061  
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