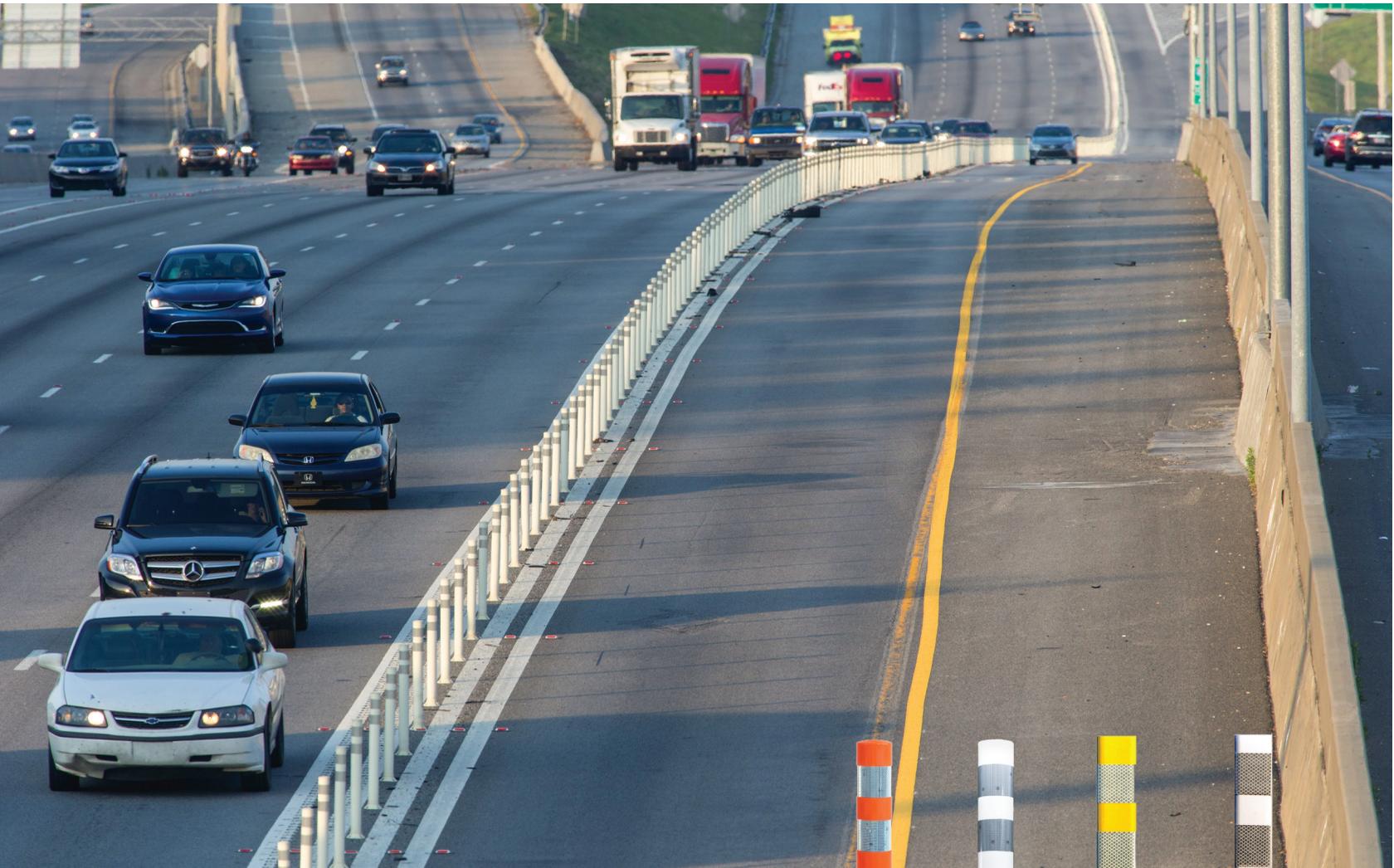




# CHANNELIZER POSTS

FOR LANE SEPARATION IN EXPRESS & MANAGED LANES



## Durable, High Performance Posts and Bollards

### Channelizer Posts for Lane Separation in Managed Lanes

To reduce travel times and ease congestion, agencies are creating "Managed Lanes" (a freeway-within-a-freeway) to move large numbers of vehicles in a small amount of roadway space. Lane separation is required when these managed lanes operate at a different speed than adjacent unmanaged lanes.



FG 300 UR

FG 300  
Model EFX

City Post SM

City Post GD  
Glue Down



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Pexco offers four unique and highly durable posts for this application. Each post is 100% made of polyurethane due to its excellent tensile and elongation properties, along with superior resistance to tearing, puncture, and the elements.

Polyurethane has an extremely wide temperature range (-20°F to +160°F). All four of our high-performance posts have been extensively tested by the Texas A&M Transportation Institute (TTI). Videos and reports are available upon request.



### FG 300 Model UR

SR 91 Express Lanes  
Orange County, CA  
ADT: 300,000  
Speed: 65 MPH



### FG 300 EFX

MoPac Express Lanes  
Austin, TX  
ADT: 160,000  
Speed: 65 MPH



### City Post GD Glue Down

Veterans Expressway  
Tampa, FL  
ADT: 73,000  
Speed: 60 MPH

## Product Options

### FG 300 Model UR

The clover-leaf design of the FG 300 provides far better rebound than traditional round tubes. This model is considered our workhorse.

### FG 300 Model EFX

The FG 300 EFX also features our clover-leaf design and uses our EFX chemistry for improved weathering properties.

### City Post Model SM Surface Mount

The City Post SM is an ultra-high impact-resistant post featuring bolt-down installation and utilizes the super-tough EFX chemistry.

### City Post Model GD Glue Down

Our newest City Post is a glue-down (GD) model, featuring EFX chemistry and a unique "pinwheel" base optimized for glue-down installations.

## Factors Affecting Maintenance Costs

Maintenance costs of posts in this application are impacted by the:

- Width of the buffer between managed and regular lanes
- Spacing between the posts
- Agency maintenance and replacement policy
- Chemistry (polymer), design, and height of posts

## Benefits

The use of flexible posts—also known as channelizers, delineators, pylons, or bollards—for lane separation in Managed Lanes provides a number of benefits, including:

- Adds a physical separation to reduce toll avoidance
- Minimizes dangerous and illegal lane changes
- Requires no right-of-way for typical installations
- Provides access for emergency vehicles
- Features simple and low-cost installation
- Allows for easy adjustment of access points after installation

