



Davidson Traffic Control Products

Channelizer Posts for Lane Separation in Managed Lanes

Durable, High Performance Posts and Bollards



FG 300 UR

FG 300
Model EFX

City Post GD
- Glue Down

City Post
SM



“Creating Products to Save Lives”

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 within a small amount of roadway space. Lane separation is required when these managed lanes operate at a different speed than adjacent unmanaged lanes.

The use of flexible posts – aka channelizer posts, delineators, pylons, 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

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.

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, plus 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) with full video and report documentation.

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 work horse.

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 SM Surface Mount

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

City Post 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.



City Post SM Surface Mount
I-85 Express Lanes – Atlanta, GA
ADT: 260,000 – Speed: 70 MPH

Give us a call to discuss the best post for your project!



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



Download free CAD drawings of our products at www.caddetails.com or contact us at hwysales@pexco.com



Pexco® is a leading manufacturer of recycled traffic control products



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