City Post SM Surface Mount

City Post GD Glue Down

City Post EAC
Embedded Anchor Cup

Davidson Traffic Control Products
Durability Redefined!

The City Post may be Pexco’s best innovation yet, answering the need for reduced maintenance, improved safety, and significant cost-savings. The City Post builds upon 30 years of Pexco innovation, and has achieved levels of performance never before seen.

Designed for superior durability and quick replacement, this 3-inch round channelizer post sets new standards for ease-of-maintenance and ultra-high durability.

City Posts remain flexible, even at extremely low and high temperatures (-20°F to +160° F), and return to an upright position after more than 100 impacts at 70mph (112 km/h).

The City Post was created using advanced engineering resins to provide maximum strength and superior durability. The solid, one-piece polyurethane construction absorbs impacts and rebounds instantly.

The City Post family of solutions has grown to include three models to cover all installation requirements:

- **Model EAC** - the original, spin-in post model
- **Model SM** - the traditional, bolt-down model
- **Model GD** - glue-down, our newest model

Applications for the City Post include:

- HOT/Managed Lanes
- Dangerous Curves
- Gore Areas
- Toll Plazas
- Bike Lanes
- Parking Lots
- Airports
- Traffic Circles
- Pedestrian Walkways

Examples of Reflective sheeting options:
The City Post continues to lead the industry as the highest-performing channelizer post on the market. Our test results speak for themselves.

All impact testing was conducted independently by an accredited third-party testing facility: Texas A&M Transportation Institute (TTI).

City Posts meet MUTCD and NCHRP 350 requirements for channelizing devices.

### Real World Impact Testing

<table>
<thead>
<tr>
<th>Test Category</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Vehicle Weight</td>
<td>2,403# (1090 kg)</td>
</tr>
<tr>
<td>Test Vehicle Speed</td>
<td>70 mph (112 km/h)</td>
</tr>
<tr>
<td>Test Post Heights</td>
<td>36” (914 mm)</td>
</tr>
<tr>
<td></td>
<td>42” (1067 mm)</td>
</tr>
<tr>
<td>Test Vehicle Bumper Impacts</td>
<td>Yes</td>
</tr>
<tr>
<td>Test Vehicle Wheel-Over Impacts</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of Impacts</td>
<td>100</td>
</tr>
<tr>
<td>Maximum Lean &gt;100 Impacts</td>
<td>3” from vertical</td>
</tr>
</tbody>
</table>

City Posts rebound back to their original position, even after more than 100 high-speed hits on the TTI Test Deck

### City Post Family of Posts - Model Comparison

<table>
<thead>
<tr>
<th>Post Model</th>
<th>SM</th>
<th>GD</th>
<th>EAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating</td>
<td>Best</td>
<td>Best</td>
<td>Best</td>
</tr>
<tr>
<td>Standard Colors</td>
<td>White, Yellow, Fluorescent Orange, Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impacts @ 70 mph</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>1-Year Warranty</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Anchoring</td>
<td>Bolts</td>
<td>Epoxy</td>
<td>Anchor cup</td>
</tr>
</tbody>
</table>

Testing and Certificates for all City Post models:

- Texas A&M Transportation Institute (TTI)
  - 100 impact NTPEP test at 70 mph / 112 km/h
  - Less than 3 degrees off vertical – not a single failure
  - EN 12767 Passive Safety Certified
  - EN 13422 Deformable Delineators Certified
  - MUTCD-compliant
  - NCHRP 350 accepted
City Post® EAC Embedded Anchor Cup

City Post Model EAC - The Original!

Designed for superior durability and quick replacement, the spin-in City Post EAC sets new standards for performance in the field and ease of maintenance.

Features and Benefits:

• 3” Round Channelizer Post
• Thermoplastic Polyurethane for high impact resistance
• Crash friendly design
• 1-piece construction with no mechanical springs to fail
• 360° of visibility with factory-applied reflective sheeting
• Installs in both concrete and asphalt
• Easy “spin-in” installation speeds up maintenance
• Standard colors are white, black, yellow, and fluorescent orange
• Optional colors are red, blue, green, fluorescent green, light gray, and steel gray
• Custom colors are available to match school or logo colors
• UV resistance keeps the City Post looking fresh and new after prolonged exposure to the elements
• Impact tested, MUTCD and NCHRP 350-compliant
• 1-year limited warranty
City Post® EAC Embedded Anchor Cup

City Post EAC with Embedded Anchor Cup - Supplementary Components

2” and 4” aluminum anchor cups and optional pop-in, screw-out anchor cup plug cap for when post is removed

The anchor cup securely installed shown with and without plug cap

Clear shield and rubber gasket factory-applied for a clean installation

City Posts can be tightened and loosened with the City Post wrench

Post installation and replacement is quick and easy!

Making gore points more visible

Delineation in toll plazas

Bike lane and pedestrian walkways
City Post® SM Surface Mount

City Post Model SM

Designed for superior durability in a traditional bolt-down post, the City Post Model SM Surface Mount is a passively safe and crash friendly design that sets new standards for performance in the field and minimizes maintenance events.

Features and Benefits:

- 3” Round Channelizer Post
- Thermoplastic Polyurethane for high impact resistance
- Crash friendly design
- 1-piece construction with no mechanical springs to fail
- 360° of visibility with factory-applied reflective sheeting
- Installs in both concrete and asphalt
- Traditional bolt-down design
- Standard colors are white, black, yellow, and fluorescent orange
- UV resistance keeps the City Post looking fresh and new after prolonged exposure to the elements
- 72 percent reduction in life cycle cost
- 90 percent reduction in worker risk
- Impact tested, MUTCD and NCHRP 350-compliant
- Florida DOT DEV993-specification Approved
- Installs with HCA Anchors
- 1-year limited warranty
The Durability of Pexco’s One-Piece City Post Model SM Surface Mount 
Makes It a Superior Choice for Challenging Installations

The City Post Model SM Surface Mount uses the same materials as our original City Post EAC to create an impact-resistant bolt-down channelizer with superior strength and durability. Even at extremely low and high temperatures, the City Post SM remains flexible and returns to a full upright position time and again, having been proven to withstand well over 100 impacts at 70 mph (112 km/h).

The City Post SM is ideal on roads where high durability and minimal maintenance is needed but coring for an anchor is impractical or undesirable. Reusable anchor bolts allow for dirty or damaged posts to be replaced quickly and simply.

City Post SM Anchors

Removable and reusable one-piece anchor bolts for the City Post SM are bolt-type expansion anchors. Install bolt-type anchors in holes drilled with carbide tipped drill bits. See full installation instructions for details.

(Note: FG 300 anchor bolts are not suitable for City Post SM installations.)

Proven performance even in areas of heavy truck traffic

City Posts rebound to vertical, even after 100 hits at 70 mph

Separation of opposing traffic on dangerous curves
City Post® GD Glue Down

Meet the newest member of the City Post family! The City Post Model GD Glue Down is an ultra-high performance glue down channelizer post suited for the most challenging installations where high durability, minimal maintenance, and fast installation are required.

Features and Benefits:
- 3” Round Channelizer Post
- No drilling, faster installations
- Exclusive “pinwheel” base
- Thermoplastic Polyurethane for high impact resistance
- Crash friendly design
- 1-piece construction with no mechanical springs to fail
- No assembly required
- 360° of visibility with factory-applied reflective sheeting
- Installs on both concrete and asphalt with road marker epoxy
- Standard colors are white, black, yellow, and fluorescent orange
- UV resistance keeps the City Post looking fresh and new after prolonged exposure to the elements
- Impact tested, MUTCD and NCHRP 350-compliant
- Florida DOT DEV993-specification Approved
- Installs with FIRMmarker (EAS-06) epoxy
- 1-year limited warranty
The City Post Model GD Glue Down remains flexible and continues to fully rebound even after over 100 hits at 70 mph! It meets MUTCD and NCHRP 350 requirements for channelizing devices tested at high speeds by TTI (Texas A&M Transportation Institute).

Applications for the City Post GD include:

- HOT and HOV Lanes
- Dangerous Curves
- Gore Areas
- Toll Plazas
- Bike Lanes
- Parking Lots
- Airports
- Traffic Circles
- Pedestrian Walkways

When tested by being impacted 200 times at 70 MPH (112 km/h) by a 2,420 lb. MASH-compliant test vehicle, the City Post Model GD averaged more impacts than any other brand, especially in severe bumper impacts. By comparison, the nearest competitor barely managed 40 bumper impacts while the City Post GD exceeded 140. Compared to the requirements of the standard 10-hit NTPEP test, City Posts are unique in the industry.

Our rapid-setting, 2-part gray road marker epoxy is the most reliable permanent adhesive product available.
Frequently Asked Questions

**City Post® EAC Embedded Anchor Cup**

How long does it take to install anchor cups?
Installation of a standard 2-inch aluminum anchor cup with proper tools and bits takes about ten (10) minutes per anchor using a core drill.

Hand installation of the post – twist to tighten, 7 rotations.

Can I use any old 2-part epoxy to install the anchor cups?
No, City Posts have been tested extensively with the adhesives detailed in the installation instructions. Failure to use the proper adhesive will result in voidance of warranty.

What are the standard colors?
Black, White, Yellow, and Fluorescent Orange (custom colors available by special order).

**City Post® SM Surface Mount**

How long does it take to install surface mounts?
Drilling of the four holes required to mount the post with proper tools and bits takes about 4 to 5 minutes per post (single person). Drill the pilot hole – insert the HCA anchor – tighten the bolts – takes about 20 seconds.

Can I use any anchor bolt to install the surface mounts?
No, City Posts have been tested extensively with HCA Hilti Coil Anchors which are the only recommended fasteners. Failure to use the proper anchors will result in voidance of warranty.

What are the standard colors?
Black, White, Yellow, and Fluorescent Orange (custom colors available by special order).

**City Post® GD Glue Down**

How long does it take to install glue-downs?
Flame-treat the base, dispense 12 oz. of mixed EAS-06 epoxy onto the road, press flamed assembly onto ring of epoxy as detailed in the installation procedures.

Installation time of 1 – 2 minutes per post using a mechanized epoxy pump.

Can I use any old 2-part epoxy to install the glue-downs?
No, City Posts have been tested extensively with the adhesives detailed in the installation instructions. Failure to use the proper adhesive will result in voidance of warranty.

What are the standard colors?
Black, White, Yellow, and Fluorescent Orange (custom colors available by special order).
**Key Installations**

<table>
<thead>
<tr>
<th>Agency/Road Authority</th>
<th>Application</th>
<th>Location</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago, IL</td>
<td>Protected Bike Lane</td>
<td>Clinton Loop</td>
<td>City Post EAC</td>
</tr>
<tr>
<td>Beaumont, CA</td>
<td>Off-ramp/ Gore Delineation</td>
<td>I-10 WB to SR 60</td>
<td>City Post EAC</td>
</tr>
<tr>
<td>Seattle, WA</td>
<td>Protected Bike Lane</td>
<td>Roosevelt Way</td>
<td>City Post EAC</td>
</tr>
<tr>
<td>Columbia, MO</td>
<td>Pedestrian Refuge</td>
<td>Columbia, MO</td>
<td>City Post EAC</td>
</tr>
<tr>
<td>Atlanta, GA</td>
<td>Managed/HOT Lane</td>
<td>I-85 Express Lane</td>
<td>City Post SM</td>
</tr>
<tr>
<td>City of Santa Ana, CA</td>
<td>Acceleration Lanes</td>
<td>I-5 SB to No. Broadway</td>
<td>City Post SM</td>
</tr>
<tr>
<td>Miami, FL</td>
<td>Managed/HOT Lane</td>
<td>I-95 Express Lanes</td>
<td>City Post GD</td>
</tr>
</tbody>
</table>

**Standard and Optional City Post Colors**

- Standard colors: White, Yellow, Fluorescent Orange, and Black.
- Optional colors: Kelly Green, Dark Green, Blue, Red, Fluorescent Yellow Green, and Steel Gray

**City Post Top Cap Options**

- Left: Standard City Post top
- Right: Optional domed top cap

All three models of City Posts are available in a wide range of heights to conform with local, State, Federal, and international specifications.