



## FG 300 Interstate Grade Curb System Installation Procedure Using Adhesive 795A

### 1. Design

The curb system shall consist of a combination of modular units including lenses, bases, longitudinal curb units, upright reflective posts and optional top and side reflectors. These modular units shall interface with each other to form a continuous longitudinal channelizing mountable curb system when installed on the roadway.

### 2. Adhesives

1-part polyurethane moisture-cure Adhesive 795A is available in either 10-ounce tubes that fit a standard caulking gun or 20-ounce tubes that fit a "sausage gun". Approximate coverage for proper adhesion is one curb section per 10-ounce tube.

### 3. Preparation

Establish proper traffic control for a safe work zone. Assemble tools required: Adhesive 795A, 10 oz standard caulking gun or 20 oz "sausage gun", chalk line. Using a power broom or air compressor, clear the area completely free of all dirt, dust and debris. Application of the adhesive should be carried out when there is a suitable weather window, ideally with temperatures of 50° F (10° C) and rising. NOTE: Roadway must be completely clean and dry prior to installation.

### 4. Layout

Use a chalk line to layout one edge line in the location where the curb system will be installed.

### 5. Installation

Install all FG 300 upright posts into curb sections using the Quick Release pins provided.

On the underside of the curb section, apply a small amount of adhesive 795A onto the bottom of each of the bolt holes making sure some adhesive comes through the holes. Then apply a ½ inch bead on the underside in the grooves around the outside edge. Immediately place the curb section in position next to the chalk line and firmly press into place.

Repeat procedure with additional curb sections and end cap base as needed to complete the installation.

### 6. Special Conditions

**New asphalt:** new asphalt should be at least 4 weeks old prior to application of adhesive. Where this is not possible, adhesion may be improved by scarifying the roadway using a diamond grinder to expose the stone matrix of the asphalt allowing the adhesive to bond directly to the asphalt.

**New concrete:** new concrete must be free of all curing compound. Follow the procedures above.

**Old concrete:** old concrete may need scarifying to roughen the surface in order to obtain proper adhesion. Follow the procedures above.

### 7. Removal

Posts can be removed with the use of the FG 300 Pin Removal tool without removing the curb or base from the roadway. Post bases and curbs can be removed pushing a pry bar under the edge and evenly lifting to break the adhesive bond with the road.

### 8. Important Notice to Purchaser

The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturers' only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither manufacturer nor seller shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of the inability to use the product.