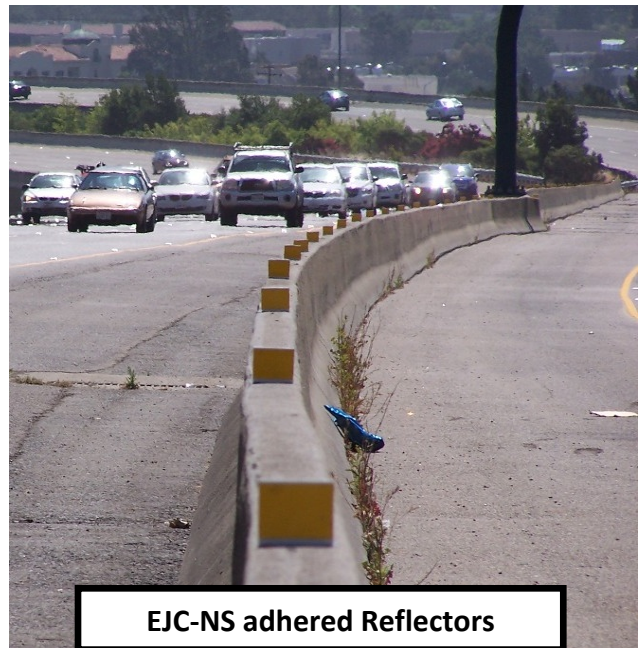


## FIELD REPORT—EJC NS Reflector Adhesive

### **Overview:**

<b>Scope of Work:</b>	Affix Reflectors to K-rail & Walls with EJC-NS
<b>Customer:</b>	Caltrans District 04 Walnut Creek
<b>Date of Evaluation:</b>	May 15, 2013
<b>Location:</b>	1. I-680 South Bound at PM 14.3 onramp at Olympic Blvd near Paulson Ln. Walnut Creek, CA 94595 <a href="#">I-680 Location (map)</a> 2. SR 24 West Bound at PM 8.5 near Camino Diablo & Mt Diablo Blvd, Walnut Creek, CA 94597 <a href="#">SR 24 Location (map)</a>
<b>Product:</b>	EJC-NS 450ml
<b>Installer:</b>	Caltrans Maintenance
<b>Prepared by:</b>	Karl Smith Kyle Dagnen Rob Loomis

Caltrans Maintenance needs to replace several hundred reflectors, and they requested a fast setting, flexible product that will bond reflectors on both horizontal and vertical surfaces. The EJC-NS from WVCO was selected since it remains flexible when exposed to heat and UV light, unlike epoxy adhesives, and it is comparable in cost to the epoxy. A case of EJC-NS and two applicators (manual & pneumatic) were shipped to the Walnut Creek yard for evaluation with PCBM 912 reflectors.

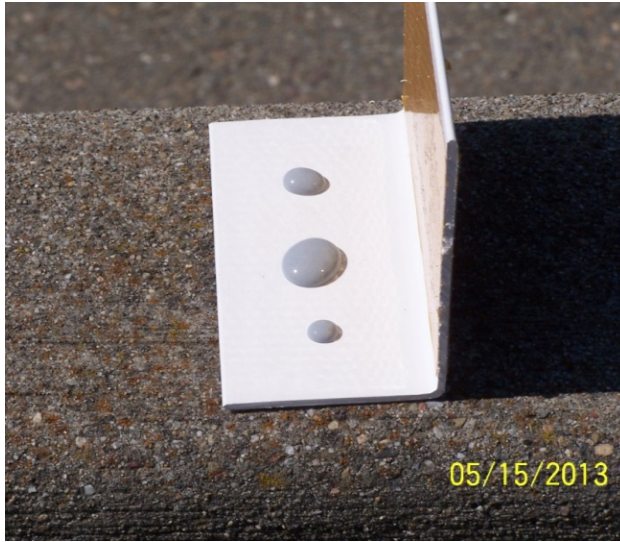


**Operation:**

1. Materials:
  - a. New amber and white PCBM 912 Reflectors. Amber for center lane (SR 24) and white for shoulder (I-680 onramp).
  - b. EJC-NS case of 12 cartridges (450ml).
  - c. Dispensing applicators: Manual (2:1) and Pneumatic (2:1).
  - d. Compressor with regulated air set at 60 psi.
2. Loaded dispensing applicator according to "WVCO Cartridge Handling Instructions."
3. Wiped surface clean with a towel where reflector will be placed. Spacing was 25 ft apart or matched location of road reflectors for onramp application.
4. Dispense 5ml on vertical wall (manually dispense) or 15ml on top surface of K-rail (pneumatically dispense).
  - a. 1 cartridge for 30 reflectors on horizontal K-rail. (SR-24)
  - b. 1 cartridge for 78 reflectors on vertical wall (I-680)
5. Firmly pressed reflector into EJC-NS.
6. Adjust angle of reflector to provide directional visual cue.







I-680 Onramp

Clean Surface



Dispense EJC-NS



