



## **Davidson TRPM™ Chip Seal Markers** **Installation Procedures**

### **A) Installation of TRPMs Prior To Bituminous Surface Treatments**

TRPMs should be installed no more than 24 hours prior to bituminous surface treatments such as chip seals and slurry seals.

- 1) Surfaces must be cleaned prior to application. If at all possible, the roadway should be swept before actual placement of TRPMs. Individual placement spots may require further cleaning with the use of brushes, rags or compressed air. All road surfaces must be free of dust, dirt, oil and moisture to insure proper adhesion.
- 2) TRPMs should be placed under dry conditions and at temperatures above 50°F (10° C). (Atmospheric moisture will inhibit adhesion).
- 3) Remove release paper from butyl adhesive.
- 4) Place marker on roadway and apply foot pressure for 5 seconds. (With "1-Way" markers, reflectorized side must face oncoming traffic.)
- 5) After sealing, remove protective cover to expose upper marker with reflector. The "Happy Hooker" tool may be used for easy cover removal and disposal.
- 6) Properly dispose of protective cover.

### **B) Special Conditions**

- 1) On old, oxidized asphalt pavements, use of a pavement primer is recommended prior to installation. Use "DAPCO Pavement Primer."
- 2) Priming is also recommended if air temperatures are expected to dip below 50° F (10°C), or if moist, rainy conditions appear imminent.
- 3) On high volume roadways or for use on slurry seal projects, "setting" of the markers is highly recommended. Setting is accomplished by driving over the markers with a heavy vehicle at slow speeds. This procedure improves adhesion of the marker to the road and is highly encouraged for optimal adhesion.

### **D) Limitations of Adhesive System**

- 1) Bond strength is dependent upon the amount of adhesive-to-surface contact developed.
- 2) Firm application pressure develops better adhesive contact and thus improves bond strength.
- 3) **Moisture on roadway surfaces will inhibit bonding of the adhesive.**
- 4) **Insufficient pressure will not allow the adhesive to bond properly.**

**\*\*\* Placing the marker incorrectly could result in adhesive failure! \*\*\***

### **E) 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 manufacturer's 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 or the inability to use the product.