

## **VIRIGINA**

### **BEST PRACTICE/POLICY:**

Study of "Effectiveness of Unmanned Radar – A Speed Control Technique in Freeway Work Zones"

### **DESCRIPTION OF THE BEST PRACTICE/POLICY"**

In 1996, the VDOT purchased 36 drone radar devices for use in construction work zones on the interstate system. A study was performed in 1997, which evaluated the effectiveness of the drone radar devices in slowing speeding motorists. The devices were successful in reducing the overall speeds in the selected work zones by an average of 3 to 4 miles per hour, and also reducing the speed variance of motorists traveling through the work zones.

### **REASON(S) FOR ADOPTING THE BEST PRACTICE/POLICY:**

To reduce excessive speeding and speed variance through freeway construction work zones, and to increase awareness and reduce work zone accidents.

### **BIGGEST BENEFIT(S) BEING REALISED FROM THIS BEST PRACTICE/POLICY:**

A slight reduction in both the overall speeds and the speed variance through the freeway work zones.

### **LOCATION AND TYPE(S) OF PROJECTS WHERE THIS PRACTICE/POLICY IS MOST APPLICABLE/EFFECTIVE:**

Urban and Rural Freeway Roadways Statewide.

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