**Stop Sign Violation Warning (SSVW)**

**HOW COULD THIS HELP?**

- Reduces fatal and serious injury crashes

**HOW DOES THIS WORK?**

- An Application broadcasts the presence and position of a stop sign to the in-vehicle device, allowing the vehicle to determine, and provide alerts and warnings, if the driver is at risk of violating the stop sign.

**INVESTMENT**

- **V2X ROADSIDE UNIT COST PER MILE-FREEWAYS**
  
  N/A

- **V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS**
  
  $26,000

- **V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS**
  
  $10,000

- **FIBER OPTICS COST PER MILE**
  
  $158,000

**TRANSPORTATION NEEDS ADDRESSED**

- V2I

**SAFETY**

- Inability to detect stop sign
- Rear-end collisions
- Intersection crashes

**SOLUTION IMPROVEMENTS**

**SOLUTION PITFALLS**

- Infrastructure and vehicle must be V2I equipped.

Disclaimer: all content is for planning purposes only and published as of Summer 2020. Contact the author at shacav@mdot.maryland.gov with any questions or comments.