Stop Sign Gap Assist (SSGA)

**HOW COULD THIS HELP?**

- Reduces fatal and serious injury crashes

**HOW DOES THIS WORK?**

- An application utilizes traffic information broadcasting from roadside equipment to warn drivers of potential collisions at stop sign intersections.

**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

**SOLUTION IMPROVEMENTS**

- Intersection crashes
- Rear-end collisions
- Distracted driving

**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.