Intersection Movement Assist (IMA)

**HOW COULD THIS HELP?**

- Reduces fatal and serious injury crashes
- Improves intersection safety

**HOW DOES THIS WORK?**

- An application warns the driver when it is not safe to enter an intersection—for example, when something is blocking the driver’s view of opposing or crossing traffic.

**INVESTMENT**

- V2X ROADSIDE UNIT COST PER MILE-FREeways
  - NO ADDITIONAL INFRASTRUCTURE COSTS
- V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS
  - NO ADDITIONAL INFRASTRUCTURE COSTS
- V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS
  - NO ADDITIONAL INFRASTRUCTURE COSTS
- FIBER OPTICS COST PER MILE
  - NO ADDITIONAL INFRASTRUCTURE COSTS

**TRANSPORTATION NEEDS ADDRESSED**

- V2V
- SAFETY

**SOLUTION IMPROVEMENTS**

- Distracted driving
- Roadway departure crashes
- Intersection crashes

**SOLUTION PITFALLS**

- Both vehicles must be V2V 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.