

# Intersection Movement Assist (IMA)



## TRANSPORTATION NEEDS ADDRESSED



V2V



SAFETY

## 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.

## 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](mailto:shacav@mdot.maryland.gov) with any questions or comments.

## 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**