

# Curve Speed Warning (CSW)



## TRANSPORTATION NEEDS ADDRESSED



V2I



SAFETY

## HOW COULD THIS HELP?

- ✓ Reduces roadway departure crashes
- ✓ Reduces fatal and serious injury crashes

## HOW DOES THIS WORK?

- ✓ An application where alerts are provided to the driver who is approaching a curve at a speed that may be too high for safe travel through that curve.

## ADDITIONAL INFORMATION

- ✓ This application has the potential to address more than 169,000 crashes and 5,000 fatal crashes per year.

## SOLUTION IMPROVEMENTS

- ✓ Unsafe speed through curves
- ✓ Roadway departure crashes
- ✓ Distracted driving
- ✓ Rollover crashes

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

### INVESTMENT

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS

**\$52,000**

+ V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS

**N/A**

+ V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS

**N/A**

+ FIBER OPTICS COST PER MILE

**\$158,000**