

# Pedestrian in Signalized Crosswalk Warning (Transit)



## TRANSPORTATION NEEDS ADDRESSED



V2I



SAFETY

## HOW COULD THIS HELP?

- ✓ Improves vulnerable road user safety

## HOW DOES THIS WORK?

- ✓ An application warns transit bus operators when pedestrians, within the crosswalk of a signalized intersection, are in the intended path of the bus.

## SOLUTION IMPROVEMENTS

- ✓ Distracted driving
- ✓ Striking pedestrian
- ✓ Roadway departure 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  
**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**