Vehicle Turning Right in Front of Bus Warning

TRANSPORTATION NEEDS ADDRESSED

V2V

SAFETY

HOW COULD THIS HELP?

✓ Saves traveler's lives

HOW DOES THIS WORK?

✓ An application warns transit bus operators of the presence of vehicles attempting to go around the bus to make a right turn as the bus departs from a bus stop.

SOLUTION IMPROVEMENTS

✓ Side swipe crashes

✓ Striking pedestrians

✓ Distracted driving

SOLUTION PITFALLS

✓ Both vehicles must be V2V equipped

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

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.

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