Vehicle Turning Right in Front of Bus Warning

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.

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
- Side swipe crashes
- Striking pedestrians
- Distracted driving

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.