Pedestrian in Signalized Crosswalk Warning (Transit)



HOW COULD THIS HELP?

Improves vulnerable road user safety

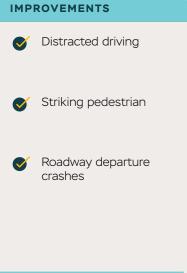


An application warns transit bus operators when pedestrians, within the crosswalk of a signalized intersection, are in the intended path of the bus.

TRANSPORTATION NEEDS ADDRESSED







SOLUTION PITFALLS

SOLUTION

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.

MOT MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION



+ 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