Do Not Pass Warning (DNPW)

TRANSPORTATION NEEDS ADDRESSED

V2V

SAFETY

HOW COULD THIS HELP?

- ✓ Reduces fatal and serious injury crashes

HOW DOES THIS WORK?

- ✓ An application where alerts are given to drivers to help avoid a head-on crash resulting from passing maneuvers.

SOLUTION IMPROVEMENTS

- ✓ Head-on crashes

- ✓ Side swipe crashes

- ✓ Distracted driving

- ✓ Roadway departure crashes

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

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION