Emergency Electronic Brake Lights (EEBL)

HOW COULD THIS HELP?
- Reduces fatal and serious injury crashes

HOW DOES THIS WORK?
- An application where the driver is alerted to hard braking in the traffic stream ahead.
- Provides the driver with additional time to look for, and assess situations developing ahead.

INVESTMENT

NO ADDITIONAL INFRASTRUCTURE COSTS
+ V2X ROADSIDE UNIT COST PER MILE-FREeways
+ 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

SOLUTION IMPROVEMENTS
- Multi-car pile-up
- Distracted driving
- Rear-end crashes
- 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 with any questions or comments.