Motorist Advisories and Warnings (MAW)



HOW COULD THIS HELP?



Notifies travlers on deteriorating road



Reduces weather related crashes

HOW DOES THIS WORK?

Y An application could use road-weather data from connected vehicles.

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS

Warnings and information are provided to travelers on deteriorating road and weather conditions on specific roadway segments.

INVESTMENT

+ V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS

\$26,000

\$52,000

+ V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS

\$10,000

+ FIBER OPTICS COST PER MILE

\$158,000

TRANSPORTATION NEEDS ADDRESSED



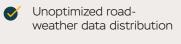
ROAD WEATHER





SAFETY

SOLUTION IMPROVEMENTS



 Traffic delays and road closures due to weather related incidents

Koadway departure crashes

🖌 Multi-car pile-ups

SOLUTION PITFALLS

Infrastructure and vehicle must be V2I equipped

Disclaimer: all content is for planning purposes only and published as of Summer 2020. Contact the author at <u>shacav@mdot.maryland.gov</u> with any questions or comments.

MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION