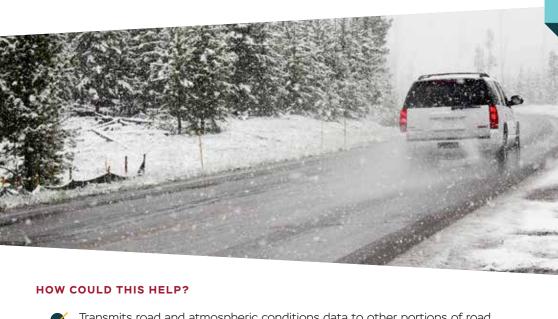
Vehicle Data Translator (VDT)



Transmits road and atmospheric conditions data to other portions of road management network

HOW DOES THIS WORK?

A complementary application that, when installed on road service vehicles such as snowplows, collects road and atmospheric conditions data and transmits them to other portions of the road weather management network.





ROAD WEATHER





SAFETY

SOLUTION IMPROVEMENTS



SOLUTION PITFALLS

crashes

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.

MINING MARYLAND DEPARTMENT OF TRANSPORTATION



\$52,000

+ 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

INVESTMENT