Emergency Vehicle Preemption (PREEMPT)



Provides signal preemption to emergency vehicles in case of emergencies to decrease travel time to incident scene

HOW DOES THIS WORK?

An application provides signal preemption to emergency vehicles, and accommodates multiple emergency requests.

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS

N/A

INVESTMENT

+ 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

TRANSPORTATION NEEDS ADDRESSED



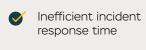


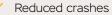




SAFETY

SOLUTION **IMPROVEMENTS**





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 shacav@mdot.maryland.gov with any questions or comments.

MOT MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION