# **Eco-Lanes Management**



### **HOW COULD THIS HELP?**

Saves fuel and reduces emissions by defining the operations of eco-lanes

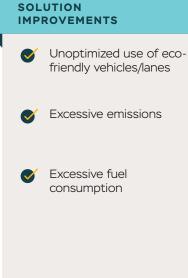
HOW DOES THIS WORK?

- An application establishes parameters and defines the operations of ecolanes.
- Eco-lanes operate similar to existing managed lanes, but optimized for the environment.

#### TRANSPORTATION NEEDS ADDRESSED



## ENVIRONMENT



## SOLUTION PITFALLS

May increase congestion if too few vehicles meet eco standards

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

# \$52,000 + V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS N/A

+ V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS

# N/A

+ FIBER OPTICS COST PER MILE \$158,000

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS

INVESTMENT