# **Eco-Traveler Information Applications**



### TRANSPORTATION NEEDS ADDRESSED



**ENVIRONMENT** 

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

Saves fuel and reduces emissions

## SOLUTION IMPROVEMENTS

**V** 

Lack of eco-friendly traveler information

### **HOW DOES THIS WORK?**

A group of applications disseminate information to support transportation choices that reduce fuel consumption and emissions.

### **SOLUTION PITFALLS**



Requires software application development



Requires adequate environmental data

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

MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS

### \$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