**Eco-Speed Harmonization**

**HOW COULD THIS HELP?**

- Saves fuel
- Reduces emissions

**HOW DOES THIS WORK?**

An application determines speed limits optimized for the environment based on traffic conditions, weather information, and GHG and criteria pollutant information, allowing for speed harmonization in appropriate areas.

**INVESTMENT**

- 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**

**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.