Eco-Ramp Metering

**HOW COULD THIS HELP?**

- Saves fuel
- Reduces emissions

**HOW DOES THIS WORK?**

An application collects traffic and environmental conditions data to determine the most environmentally efficient operation of traffic signals at freeway on-ramps and to manage the rate of entering vehicles.

**INVESTMENT**

- V2X ROADSIDE UNIT COST PER MILE-FREeways
  - $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

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.