**Incident Scene Work Zone Alerts for Drivers and Workers (INC-ZONE)**

**HOW COULD THIS HELP?**
- Increased safety for travelers and workers in work zones

**HOW DOES THIS WORK?**
- An application warns on-scene workers of vehicles with trajectories or speeds that pose a high risk to their safety.
- Warns drivers passing an incident zone if they need to slow down, stop, or change lanes.

**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

**TRANSPORTATION NEEDS ADDRESSED**
- Infrastructure and vehicle must be V2I equipped

**SOLUTION IMPROVEMENTS**
- Unsafe travel through work zones
- Work zone safety
- First Responder safety

**SOLUTION PITFALLS**
- 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.