Reduced Speed/Work Zone Warning (RSWZ)

**How Could This Help?**
- Reduces fatal and serious injury crashes
- Improves work zone safety

**How Does This Work?**
- An application utilizes roadside equipment to broadcast alerts to drivers warning them to reduce speed, change lanes, or come to a stop within work zones.

**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**
- V2I Safety

**Solution Improvements**
- Unsafe travel through work zones
- Work zone safety
- First Responder safety

**Solution Pitfalls**
- Infrastructure and vehicle must be V2I equipped

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.