**Curve Speed Warning (CSW)**

**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

**TRANSPORTATION NEEDS ADDRESSED**

- V2I
- SAFETY

**SOLUTION IMPROVEMENTS**

- Unsafe speed through curves
- Roadway departure crashes
- Distracted driving
- Rollover crashes

**SOLUTION PITFALLS**

- Infrastructure and vehicle must be V2I equipped

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**HOW COULD THIS HELP?**

- Reduces roadway departure crashes
- Reduces fatal and serious injury crashes

**HOW DOES THIS WORK?**

- An application where alerts are provided to the driver who is approaching a curve at a speed that may be too high for safe travel through that curve.

**ADDITIONAL INFORMATION**

- This application has the potential to address more than 169,000 crashes and 5,000 fatal crashes per year.

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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.