Blind Spot/Lane Change Warning (BSW/LCW)

**INVESTMENT**

- **NO ADDITIONAL INFRASTRUCTURE COSTS**
  - V2X ROADSIDE UNIT COST PER MILE-FREeways
  - V2X ROADSIDE UNIT COST PER INTERSECTION-SIGNALIZED CORRIDORS
  - V2X SIGNAL CONTROLLER COST PER INTERSECTION-SIGNALIZED CORRIDORS
  - FIBER OPTICS COST PER MILE

**TRANSPORTATION NEEDS ADDRESSED**

- V2V
- SAFETY

**SOLUTION IMPROVEMENTS**

- Side swipe crashes
- Distracted driving
- Roadway departure crashes

**SOLUTION PITFALLS**

- Both vehicles must be V2V equipped

**HOW COULD THIS HELP?**

- Reduces fatal and serious injury crashes

**HOW DOES THIS WORK?**

- An application where alerts are displayed to the driver that indicate the presence of same-direction traffic in an adjacent lane (Blind Spot Warning).
- Alerts are given to drivers during host vehicle lane changes (Lane Change Warning) to help the driver avoid crashes associated with potentially unsafe lane changes.

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.