Stop Sign Gap Assist (SSGA)

HOW COULD THIS HELP?

✓ Reduces fatal and serious injury crashes

HOW DOES THIS WORK?

✓ An application utilizes traffic information broadcasting from roadside equipment to warn drivers of potential collisions at stop sign intersections.

SOLUTION IMPROVEMENTS

✓ Intersection crashes

✓ Rear-end collisions

✓ Distracted driving

SOLUTION PITFALLS

✓ Infrastructure and vehicle must be V2I equipped.

INVESTMENT

+ V2X ROADSIDE UNIT COST PER MILE-FREEWAYS
  N/A

+ 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

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.

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION