Incident Scene Pre-Arrival Staging Guidance for Emergency Responders (RESP-STG)

HOW COULD THIS HELP?

- Enables higher efficiency to incident response
- Potentially saves lives

HOW DOES THIS WORK?

- An application provides input to responder vehicle routing, staging and secondary dispatch decisions.

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

MOBILITY

V2I

SAFETY

SOLUTION IMPROVEMENTS

- Unoptimized emergency response
- 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.