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

TRANSPORTATION NEEDS ADDRESSED

MOBILITY

V2I

SAFETY

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.

SOLUTION IMPROVEMENTS

- ✓ Unoptimized emergency response

- ✓ Responder safety

SOLUTION PITFALLS

- ✓ Infrastructure and vehicle must be V2I equipped

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

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION