PUT IT TO THE TEST

Come drive our 15-mile workzone corridor and test your CAV applications against our workzone advisory V2I messages.

MDOT's robust connected vehicle ecosystem enables reliable, secure V2I data exchanges in support of cooperative automated transportation.

THE PROJECT

I-75's modernization will improve safety and mobility through active traffic management. Both motorists and our state agency will benefit from the geometric upgrades being completed on I-75 alongside improvements in bridges, drainage, and these connected vehicle technologies.

MODERNIZE 75

VISIT MODERNIZE75.COM

OUR ASSETS

- 3 DSRC RSU models
       (Siemens, Savari, & Danlaw)
- 8 DSRC trailers
- USDOT 4.1 compliant platforms
- UPER 2016 standard messaging
       TIM
       BSM collection on request

DSRC ROAD SIDE UNITS

SOLAR POWERED TRAILERS

CELLULAR MODEM CONNECTIVITY

APPLICATIONS

Each DSRC trailer is configured with several Traveler Information Messages relevant to each trailer location. Lane closures, divided lane advisories, speed limit notices, exit ramp closure statuses, and traffic shift notifications are all broadcasted to give accurate, reliable, and advanced notice to vehicles of upcoming traffic conditions. Additionally, each trailer can receive, collect, and stream Basic Safety Messages from connected vehicles to a central location for storage, analysis, and download upon request.

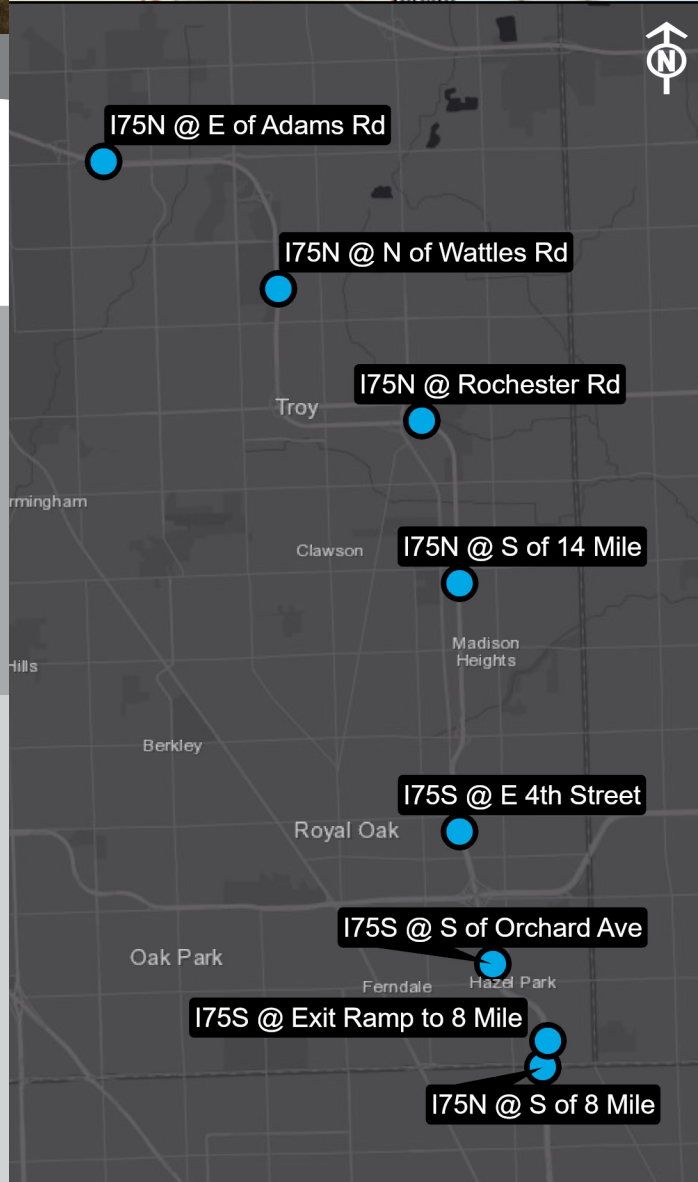**TRAFFIC SHIFT ADVISORY**

FREEWAY EXIT STATUS

LANE CLOSURE WARNING

DIVIDED LANE ADVISORY

SPEED LIMIT ADVISORY

I75N @ E of Adams Rd

I75N @ N of Wattles Rd

I75N @ Rochester Rd

I75N @ S of 14 Mile

I75S @ E 4th Street

I75S @ S of Orchard Ave

I75S @ Exit Ramp to 8 Mile

I75N @ S of 8 Mile

0 1 2 4 Miles