INTELLIGENT TRANSPORTATION SYSTEMS (ITS) COMMITTEE

Jon Heider, MORPC

MID-OHIO REGIONAL
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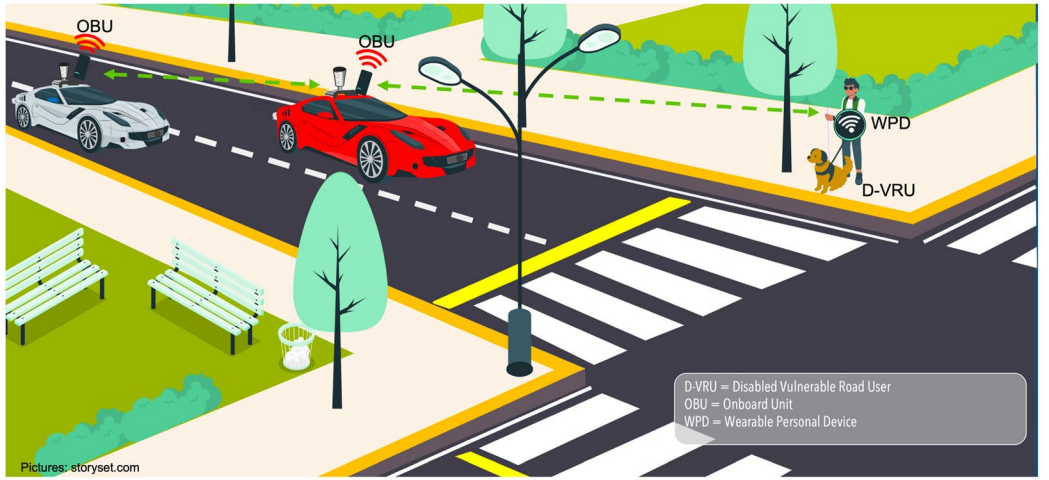
JULY ITS MEETING

- The previous ITS subcommittee meeting featured discussions of the ITS related RAISE grant applications being pursued throughout the region
  - Applications/partnerships looking to apply include the City of Dublin, NW 33 Innovation Corridor Council of Governments, and work with the Transportation Research Center.
  - One area of focus among most of the applications was pedestrian detection technology

PEDESTRIAN DETECTION TECHNOLOGY

- NHTSA, FHWA, and academic institutions have been studying the use of ITS for pedestrian safety projects (including sensors, cameras, etc.)
  - Vehicle to Pedestrian (V2P), Infrastructure to Pedestrian (I2P), and Vehicle to Everything (V2X) concepts are being researched for safety interventions, including automated braking, vulnerable road user alerts, etc.
  - The ITS committee plans to further investigate these technologies and determine their feasibility for future projects.
  - Recent studies have investigated deployment of this technology on transit vehicles, fleet vehicles, and personal vehicles.

TRC Intersection Testing facility



Pedestrian detection diagram from OSU study

NEXT SUBCOMMITTEE MEETING

- The next ITS Subcommittee meeting is scheduled for October 16, 2024.
- Committee plans to discuss project updates from committee members, maintenance of the Central Ohio ITS Architecture, and new ITS concepts and technologies being pursued.

JONATHAN HEIDER, AICP

Senior Planner

Mid-Ohio Regional Planning Commission

T: 614.233.4168

jheider@morpc.org

111 Liberty Street, Suite 100

Columbus, OH 43215

MID-OHIO REGIONAL
MORPC
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