



Central Ohio Intelligent Transportation System (ITS) Committee

Transportation Advisory Committee
April 6, 2022

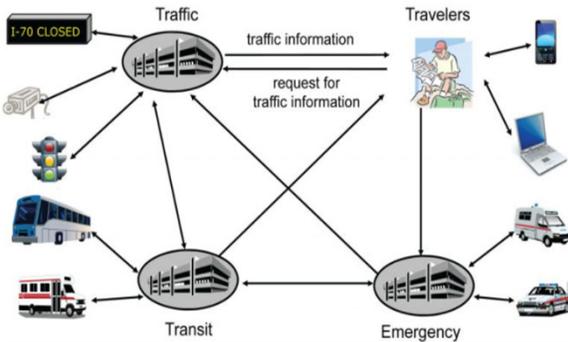


1

Regional ITS Architecture



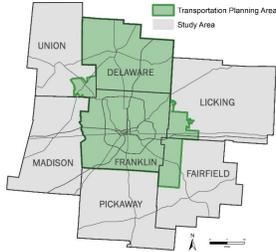
ITS Architecture Involves Agencies, Systems, Communications, and Information Exchange



- Regional ITS Architecture is “a regional framework that ensures that there are institutional agreements as well as technical integration for the implementation of ITS projects in a region.”
- A formal approval of the ITS Architecture is completed through the inclusion of it in the region’s Metropolitan Transportation Plan (MTP) that is updated and adopted every four years by MORPC’s Transportation Policy Committee.
- MORPC Staff working through the ITS Committee continuously maintains and updates the ITS Architecture

2

Central Ohio ITS Committee

- Purpose of the ITS Committee
 - ✓ Assist MORPC in maintaining and updating the regional ITS architecture
 - ✓ Ensure compliance with it through coordination of ITS activities
 - ✓ Assist in developing ITS strategies to be included in the MTP

- Meets quarterly

2022 Meeting Dates:

- April 20, 2022, 2:00 - 3:30 p.m. Microsoft Teams Meeting
- July 20, 2022, 2:00 - 3:30 p.m.
- October 19, 2022, 2:00 - 3:30 p.m.

- Core Stakeholders
 - ODOT
 - City of Columbus
 - Franklin County Engineer's Office
 - COTA
 - MORPC
- Other Stakeholders
 - Other local entities that employ or use ITS technologies in the MORPC transportation planning area

3

Major ITS Committee Activities



- Updates on Major ITS Projects
 - Completion of Smart Columbus suite of projects & ongoing activities
 - Columbus coordinated signal system phases
 - Completion of signal systems and connections to Columbus:
 - Bexley
 - Grandview Heights
 - Whitehall
 - Ramp metering and camera & communication system updates
 - COTA's Integrated Mobility Innovation Program grant and other activities
 - Beta District / US 33 smart corridor
 - Westerville smart parking pilot project
 - Local signal system upgrades
 - Franklin County, Dublin, Hilliard, New Albany, Westerville, others
- Smart Region Resource Guide updates
- ITS Architecture
 - Incorporated ODOT statewide architecture updates into regional architecture
 - Upgraded to the latest ITS platform from FHWA
- DriveOhio's CV/AV Systems Engineering Guidebook

4