



INTELLIGENT TRANSPORTATION SYSTEMS (ITS) SUBCOMMITTEE UPDATE

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MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

TRAFFIC SIGNAL BIKE/PEDESTRIAN DETECTION



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- Subcommittee discussed regional pilots and tests of new ITS technologies
 - City of Columbus discussed tests of new pedestrian/bike walk signal detectors at trail crossings to initiate walk signal without bike riders needing to reach for a button
 - City of Dublin highlighted tests of new video sensor technology at signals and radar detection for crossings
 - Franklin County discussed use of INRIX signal analytics to help with signal performance measures and to make more regular adjustments to signal timing
- The Subcommittee stressed the importance of maintaining the regional ITS architecture and the process for continuous updates



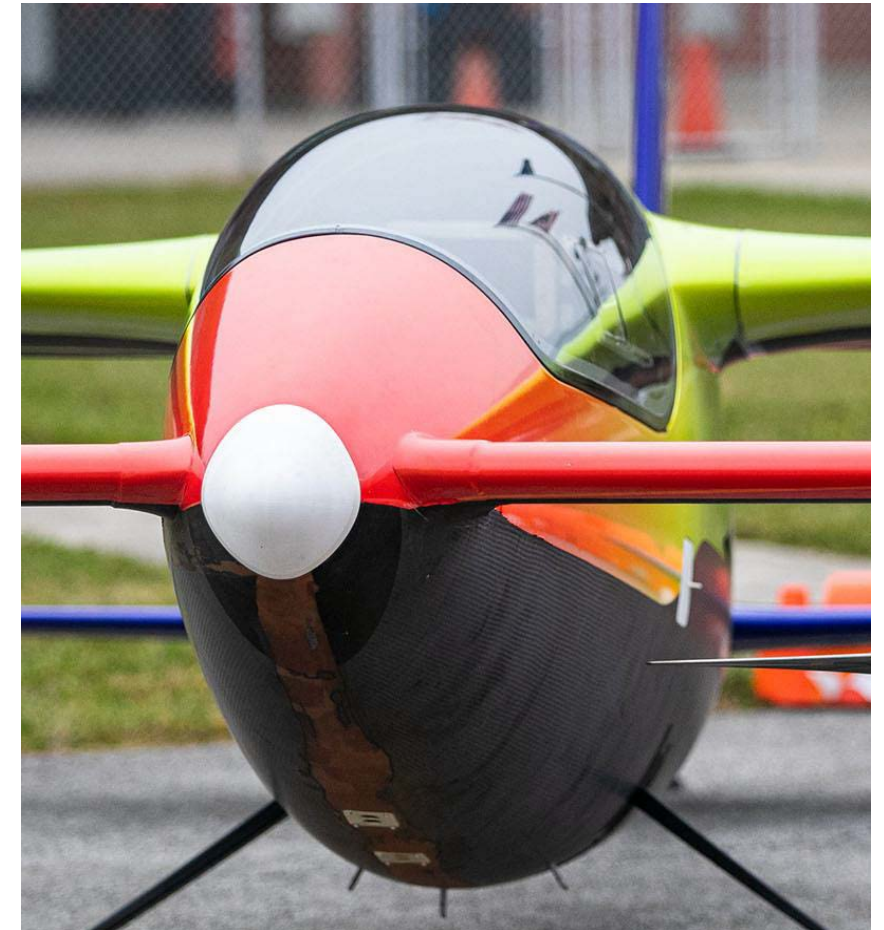
Olentangy Trail crossing at US-33

ODOT FLYOHIO/NASA AAM

- ODOT has involved MORPC in meetings of the Advanced Air Mobility (AAM) Workshop with NASA, Parallax Advanced Research, other MPOs, and AAM industry members
- The goal is defining use cases and developing a comprehensive Concept of Operations for Ohio using Model Based Systems Engineering (MBSE) tools
- The flyOhio project team wanted MPO feedback on how AAM could be integrated into regional planning processes, tools, and models



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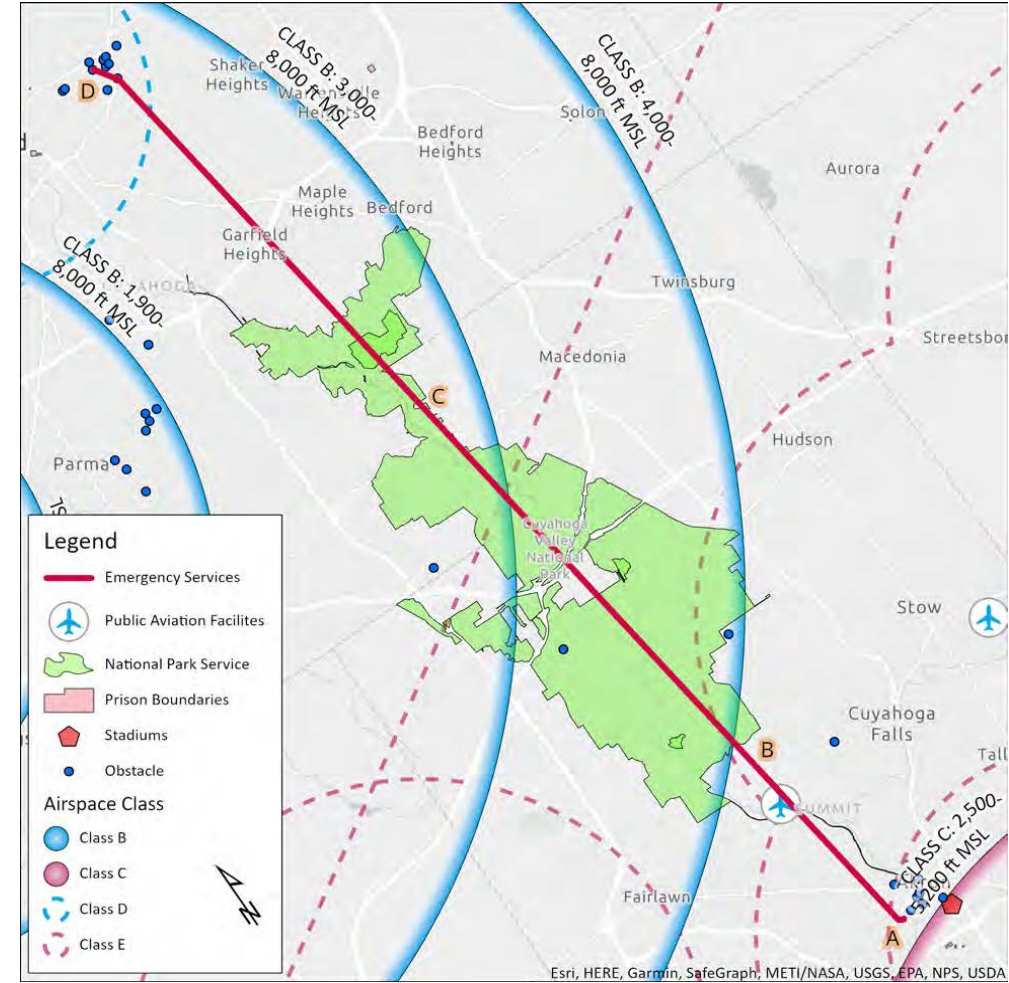
Source: ODOT Ohio AAM Framework

FLYOHIO USECASE AND PILOTS

- Vertiports and related technology have been installed in Springfield and Akron-Canton airports
- Emergency services use cases were developed for accessing areas inaccessible by vehicle (e.g. obstructed roadways, large areas without roads, etc.)



Vertiport at Springfield-Beckley Municipal Airport



EMS use case Cuyahoga Valley ([ODOT](#))

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