



March 15, 2023

Federal Communications Commission
Experimental Radio Services
P.O. Box 979095 St. Louis, MO 63197-9000

RE: Experimental License Applications

In accordance with the exhibit requirements within form 442 for the newly submitted experimental license request form Ohio Department of Transportation, this document will contain a narrative statement describing the project below.

The complete program of research and experimentation proposed will demonstrate how two cities can coordinate deployment of C-V2X Roadside Unit (RSU) equipment at adjacent intersections, to improve operations, safety, and mobility. The technology and communications elements of the project involve installing C-V2X roadside equipment at 2 adjacent intersections – one intersection managed by the City of Dublin, OH and one intersection managed by the City of Columbus, OH.

The objectives sought to be accomplished would be to have two fully functional Connected Intersections that will conform to the new CTI 4501v01 specification "**Connected Intersection Implementation Guide**".

This project will contribute to the development of the radio art by being the first (experimental) licensed C-V2X intersection in the US that will conform to the CTI 4501 specification.

If we can provide any additional information or if you have any questions please do not hesitate to contact DriveOhio at aaron.moore@drive.ohio.gov or 614-981-6069. Thank you.

Sincerely,

Aaron Moore
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DriveOhio
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