



CENTER FOR CONNECTED AND AUTOMATED TRANSPORTATION

Project Title	Conformance to Clarifications for Consistent Implementations (CCIs) to Ensure Interoperability of Connected Signalized Intersections in the Ann Arbor Connected Environment with a National Deployment	
PIs	Jim Sayer	Debby Bezzina
Telephone #	734-764-4159	734-763-2498
E-mail:	jimsayer@umich.edu	dbezzina@umich.edu
Institution:	UMTRI	UMTRI
Department:	Director	ESG
Industry or Government Principal, organization, and contact information	Mcity: Huei Peng (hpeng@umich.edu) Toyota: Hidecki Hada (hideki.hada@toyota.com) Ford: Mike Shulman (mshulman@ford.com)	
Most relevant CCAT research thrusts (choose all applicable)	<input type="checkbox"/> Enabling Technology <input type="checkbox"/> Policy and Planning <input type="checkbox"/> Human Factors <input checked="" type="checkbox"/> Infrastructure Design and Management <input type="checkbox"/> Control and Operations <input type="checkbox"/> Modeling and Implementation	
CCAT Funding		
Matching Funds and Source (if any)	\$315,964 Mcity \$83,333 Ford \$60,000 Toyota	
Total Project Cost	\$459,297	
Contract Number	69A3551747105	
Project start/end dates	May 1, 2020 – October 31, 2021	
Project Abstract	<p>Bring strategic Ann Arbor Connected Environment DSRC-equipped intersections into conformance with the current “Cooperative Automated Transportation Clarifications for Consistent Implementations (CCIs) to Ensure National Interoperability Connected Signalized Intersections”.</p> <ol style="list-style-type: none"> a. Test two corridors of RSUs installed at intersections in the Ann Arbor Connected Environment. This represents 40 scenarios. <ol style="list-style-type: none"> i. Message Level verification. ii. Data Element verification. b. Document any deficiencies. c. Update the RSUs as necessary. 	





CENTER FOR CONNECTED AND AUTOMATED TRANSPORTATION

	d. Provide suggested content for the CCI document. The final report for this project will not be publicly available.
High-level implementation plan	See project abstract above.
Project Metrics	100% Compliance to CCI
Web Links:	ccat.umtri.umich.edu mcity.umich.edu

