



UTC Project Information	
Project Title	Connected and Automated Vehicle (CAV) Data Infrastructure and Access – Phase 1 + 2
University	University of Michigan
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Funding Source(s) and Amounts Provided (by each agency or organization)	\$96,855 CCAT \$96,855 Mcity
Total Project Cost	\$96,855
Agency ID or Contract Number	69A3551747105
Start and End Dates	09/01/2017 – 03/31/2022
Brief Abstract of Research Project	<p>This is a two Phase project. The first phase organizes the data and determines how to grant access to the data. Tasks in Phase 1 include:</p> <ol style="list-style-type: none"> 1. Identify existing data sets that are worthwhile to the CAV user community. 2. MAP out the access process for internal and external data users. 3. Set up Data User Agreements (DUA) that will clearly document the boundaries of what can and can't be done with the data. <p>Phase 2 will focus on creating codebooks for the data, establishing a metadata repository, and instituting a data oversight committee.</p> <p>Phase 2 will focus on:</p> <ol style="list-style-type: none"> 1. Implementing the process for internal UM users developed in the first phase 2. Creating codebooks for the data 3. Establishing a metadata repository 4. Instituting a data oversight committee. 5. Map out the access process for external data users. <ol style="list-style-type: none"> a. How do people ask for permission to use the data? b. Who grants it? c. How does the user ID get entered into the permission system? d. Set up Data User Agreements (DUA) that will clearly document the boundaries of what can and can't be done with the data for external users.

<p>Most Relevant CCAT Research Thrusts</p>	<p><input checked="" type="checkbox"/> Control & Operations <input type="checkbox"/> Enabling Technology <input type="checkbox"/> Human Factors <input type="checkbox"/> Infrastructure Design & Management <input type="checkbox"/> Modeling & Implementation <input type="checkbox"/> Policy & Planning</p>
<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	<p>The process for internal UM users has been implemented. The process for external data users has not been implemented because a data use agreement is the required vehicle to exchange data with outside parties and is negotiated on a case by case basis.</p>
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none"> • Reports • Project website 	<p>ccat.umtri.umich.edu</p>