

ODOT Category 665 – Special Studies

Element Numbers 66520 Autonomous Vehicle Special Study

Goal: To enhance interagency dialogue and collaboration, and to facilitate connected and automated vehicle project development and deployment within northwest Ohio and southeast Michigan.

Objectives:

- Research and share information on connected vehicle/autonomous vehicle technology.
- Partner with DriveOhio on a Northwest Ohio Smart Mobility project.
- Facilitate meetings of the ad hoc Smart Transportation & Innovative Mobility Committee.

Methodology:

Transportation technology is rapidly changing and MPOs must adapt their long range transportation plans to stay current. Preparing for future technologies such as connected and autonomous vehicles has been a priority for regional stakeholders, and, as a result, TMACOG was asked to establish an ad hoc committee for this purpose. The committee was created by the Transportation Council in August of 2018. The creation of DriveOhio and the support the agency can offer has provided the impetus for developing projects for collaboration with state and local agencies and jurisdictions.

Products:

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| 1. Participate in other agencies connected and autonomous vehicle sessions. | June 2022 |
| 2. Develop and maintain a data repository for smart city projects in the region. | June 2022 |
| 3. Partner with DriveOhio on a smart mobility project in northwest Ohio. | June 2022 |
| 4. Maintain and implement regional connected/autonomous vehicle policies. | June 2022 |
| 5. Provide data and GIS support for members. | Ongoing |
| 6. Research and explore federal funding opportunities for demonstration projects | Ongoing |
| 7. Research and stay current with federal requirements for connected and autonomous vehicle technology. | Ongoing |
| 8. Provide staff and support for the ad hoc TMACOG Smart Transportation & Innovative Mobility Committee. | Ongoing |