



City of Pittsburgh

Autonomous Vehicle Testing Guidelines and Submission Process

The following outlines the process and guidelines for submission of materials to test autonomous vehicles (autonomous driving systems) in the City of Pittsburgh. All materials are to be submitted to the Department of Mobility and Infrastructure - Office of the Director. Electronic submissions are encouraged.

Companies pursuing autonomous vehicle testing in the City of Pittsburgh are expected to have already or concurrently submitted a Notice of Testing to the Pennsylvania Department of Transportation (PennDOT). While testers may submit to the City at any time, the City will not respond to testing submissions until a Letter of Testing Authorization is issued by PennDOT.

Submission to the City is to be provided at least ten (10) business days before commencement of any on-road testing activities in the City of Pittsburgh or within thirty (30) days of adoption of this City policy.

Companies pursuing autonomous vehicle testing must have all necessary business licensing required to operate in the Commonwealth of Pennsylvania, Allegheny County, and the City of Pittsburgh (as applicable).

SUBMISSION CONTENTS

The following information may be made available to the public:

- Company Information
 - Corporate address
 - Local address
 - Principal Point of Contact (name, telephone, email)
 - Number of employees in Pittsburgh
- Fleet Information
 - Make/model of vehicle(s) being used for testing
 - Quantity of highly autonomous vehicle(s) to be tested in Pittsburgh by make/model
 - Trade Dress – Fleet branding/identifier and mode/location of brand/identifier (all vehicles used for testing must be visibly identifiable as associated with tester)
 - Description of marking or branding on test vehicles to indicate to the public that they are autonomous test vehicles.
- Operational information
 - Neighborhood(s) anticipated to compose primary testing area
 - Anticipated primary operating days (Weekday, Weekend, and/or Holiday)
 - Anticipated operating time of day (Daytime and/or Nighttime)
 - Anticipated operable weather conditions (Sunny/clear, Cloudy, Light to moderate precipitation/snow, Heavy precipitation/snow, Significant fog, Icy or snow covered travel surfaces, and/or High winds)
- Safety information
 - Safety and Risk Mitigation Plan or Voluntary Safety Self-Assessment as provided in PennDOT submittal
 - Number of safety drivers and/or associates utilized in vehicle (by vehicle make/model and operational/testing conditions, if variable)
 - Description of mechanisms to disengage test vehicles' automated driving system

- Acknowledgement of principles and articulation of public benefit
 - Acknowledge review of Pittsburgh "Shared + Autonomous Mobility Principles"
 - Articulation of necessity for on-road testing, including how such testing may relate to one or more of the Pittsburgh Shared + Autonomous Mobility Principles or the public interest in general, as well as how to evaluate, where possible, such relation or benefit.
 - Commitment to dialogue with the Autonomous Policy Partners group convened by the Department of Mobility and Infrastructure

The following information is restricted to public safety officials only:

- Emergency Contact information
 - Name and title
 - Phone and text available during days/hours when Automated Driving System testing is occurring

POST-SUBMISSION REPORTING

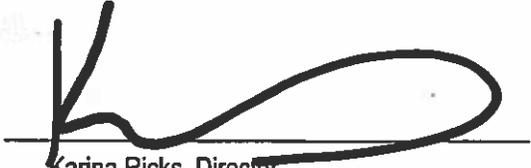
Testers agree to share the following information.

- Total fleet autonomous vehicle miles driven by the data collection and test vehicles within the city reported by month in increments of 100 miles.
- Total fleet vehicle miles traveled in Pittsburgh reported by month in increments of 1,000 miles
- Significant deviations from Operational Information, as submitted.
- Relevant details of any crash experienced on public streets that 1) results in damage to property other than to a vehicle, or damage of \$5000 or more to a vehicle; or 2) injury of any degree; or 3) involved the highly autonomous vehicle violating any traffic law. Information on crashes resulting in material damages must be submitted within three work days. Crashes resulting in injury must be reported to public safety immediately.

Testers agree information will be reported:

- Semiannually for the period of January to June and July to December.
- By month for each month of the six (6) month reporting period.
- No later than July 31 and January 31 for the preceding six (6) month period
- To a mutually agreed upon party and accessed only when three or more tester submissions have been received. Data for each of the miles traveled measures will be aggregated across all testers and reported to the City as a composite total. Information on significant deviations and necessary crashes will be reported separately.

Policy issued this 4th day of MARCH 2019.



Karina Ricks, Director