



CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY & INFRASTRUCTURE
CITY-COUNTY BUILDING

City of Pittsburgh Autonomous Testing Guidelines and Submission Process

TIMELINE AND PREREQUISITES

- Companies pursuing autonomous vehicle testing in the City of Pittsburgh will have already or concurrently submitted a Notice of Testing to PennDOT.
- Submission to the City is to be provided at least ten (10) business days before commencing any on-road testing activities in the City of Pittsburgh or within thirty (30) days of adoption of City policy requiring such. Note that the City will not respond to any tester's submission to the City until a Letter of Testing Authorization is issued by PennDOT.
- Companies pursuing autonomous vehicle testing will have all necessary business licensing required to operate in the Commonwealth of Pennsylvania, Allegheny County, and the City of Pittsburgh (as applicable).

SUBMISSION CONTENTS

Submission information for non-exclusive use

- **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)

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- **Safety information**
 - Safety and Risk Mitigation Plan or Voluntary Safety Self-Assessment as provided in PennDOT submittal (may be separate attachment)
 - 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

Submission information for exclusive use (by Public Safety Officials)

- Emergency Contact information (name, position, 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.