



# City of Pittsburgh

**AVs for all:** Why now is the time to talk about autonomous vehicles

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# Autonomous Vehicle Testing

## March 2019

- Mayor Peduto signs Executive Order titled "*Self-Driving Vehicle Testing and Operations in the City of Pittsburgh*"
- Department of Mobility & Infrastructure releases "*Pittsburgh Shared and Autonomous Mobility Principles*" and "*Autonomous Testing Guidelines and Submission Process*"



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# Autonomous Vehicle Testing

**Five autonomous vehicle testers currently operating on public streets in Pittsburgh:**

- Argo AI
- Aurora
- Carnegie Mellon University (CMU)
- Motional (formerly Aptiv)
- UATC, LLC (Uber)



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# Autonomous Delivery Device Deployment

Starship Technologies began operating autonomous delivery devices in Pittsburgh's Oakland neighborhood in September 2019.



Photo: Christian Snyder/Pittsburgh Post-Gazette



# City of Pittsburgh **Autonomous Vehicle Work Groups**

**In spring 2019, DOMI convened three autonomous vehicle work groups:**

- **Shared and Autonomous Mobility Advisory Group** – comprised of representatives from various community groups, business improvement districts, and advocacy organizations.
- **Autonomous Vehicle Policy Partners Group** – comprised of city, county, and state representatives
- **Autonomous Vehicle Testers Group** - comprised of representatives from the five AV testers operating on public streets in Pittsburgh



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# Autonomous Vehicle Work Groups

**Each work group meetings bimonthly with DOMI staff.**

The groups discuss how autonomous technology can appropriately support the city's effort to improve **road safety**, **reduce** greenhouse gas **emissions**, reduce **traffic congestion** and **vehicle miles traveled**, encourage **efficient land use**, and **increase access** to mobility and economic opportunities for all Pittsburghers.



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## Lessons Learned

- Always ask “is more technology the most appropriate solution for this problem and this community?”
- It is very critical to know the use case in advance of a pilot or deployment and not present a solution in search of a problem.





# Thank You!

**WE APPRECIATE YOUR TIME**