

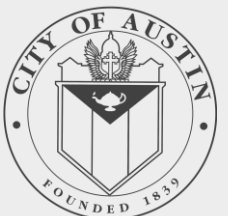
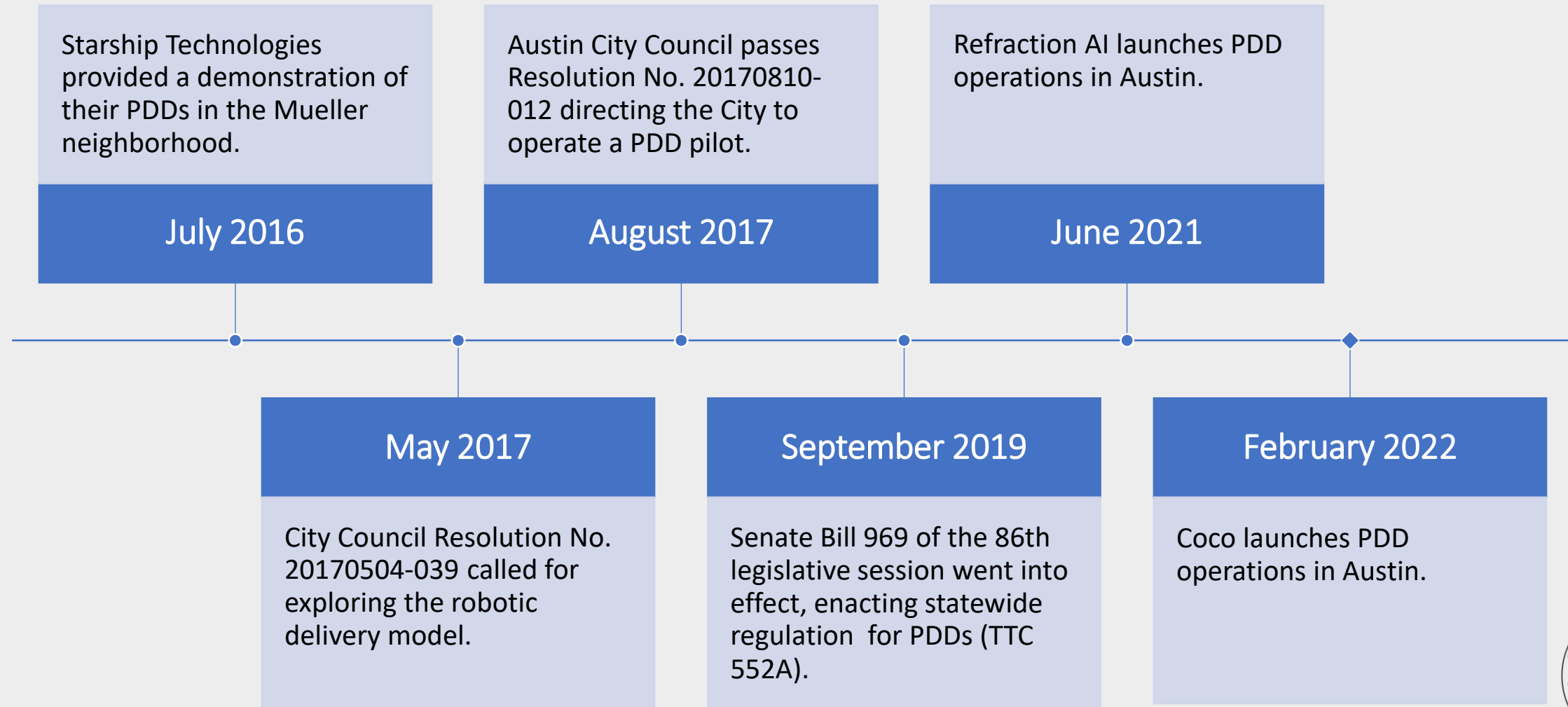


Personal Delivery Devices (PDDs)

Mobility Committee - August 4, 2022

Personal Delivery Devices (PDDs)

A Brief History of PDDs in Austin

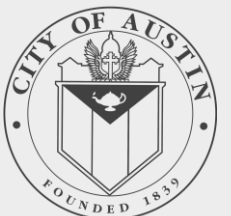


Personal Delivery Devices (PDDs)

A Brief Overview

A Personal Delivery Device is defined by the Texas Transportation Code 552A as a device that:

- a) is manufactured primarily for transporting cargo in a pedestrian area or on the side or shoulder of a highway; and
- b) is equipped with automated driving technology, including software and hardware, that enables the operation of the device with the remote support and supervision of a human.



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Personal Delivery Devices (PDDs)

A Brief Overview

PDDs are required by the Texas Transportation Code 552A to:

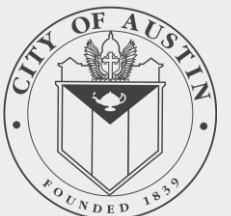
- Yield the right-of-way to all other traffic, including pedestrians (552A.0005);
- Not unreasonably interfere with or obstruct other traffic, including pedestrians (552A.0005);
- Operate in a pedestrian area at a speed of not more than 10 miles per hour; or on the side of a roadway or the shoulder of a highway at a speed of not more than 20 miles per hour (552A.0006);
- Be equipped with a marker that clearly states the name and contact information of the owner and a unique identification number (552A.0007(1));
- Be equipped with a braking system that enables the device to come to a controlled stop (552A.0007(2));
- Be equipped with lights on the front and rear of the device that are visible and recognizable under normal atmospheric conditions on all sides of the device from 1 to 500 feet from the device, if operated at night (552A.0007(2)(b));
- Maintain an insurance policy that includes general liability coverage of not less than \$100,000 for damages arising from the operation of the device (552A.0010);



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Additionally, Texas Transportation Code Sec. 552A.0009 establishes that a local authority may regulate the operation of a personal delivery device on a highway or in a pedestrian area in a manner not inconsistent with that subchapter.



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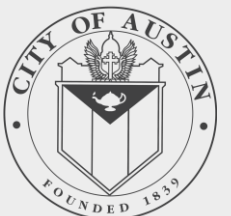
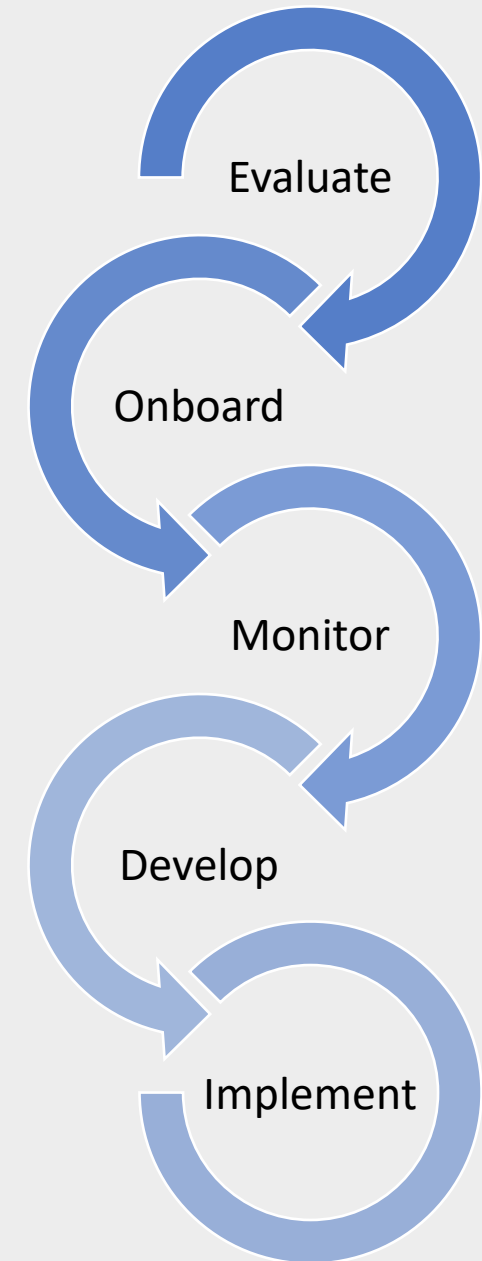
City of Austin Partnership

Evaluation: ATD evaluates each PDD company entering the Austin marketplace to ensure compliance with safety standards and State law.

Onboarding: ATD works with each new PDD company attempting to enter the Austin marketplace, providing stakeholder contact information, mapping data, general guidelines, and social media support. ATD also coordinates with APD, AFD, EMS, and Austin 3-1-1, to ensure these departments are aware of the PDD company's operations and are familiar with the PDD equipment in case of emergencies.

Monitoring: ATD monitors PDD operations and holds periodic meetings with PDD companies operating in the Austin marketplace to ensure safety and compliance.

Development: Throughout 2021 and 2022, ATD has been working with companies operating PDDs in Austin to develop safe and effective best practices and guidelines for future PDD operations.



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Personal Delivery Devices (PDDs)

What's on the Horizon?



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THANK YOU

