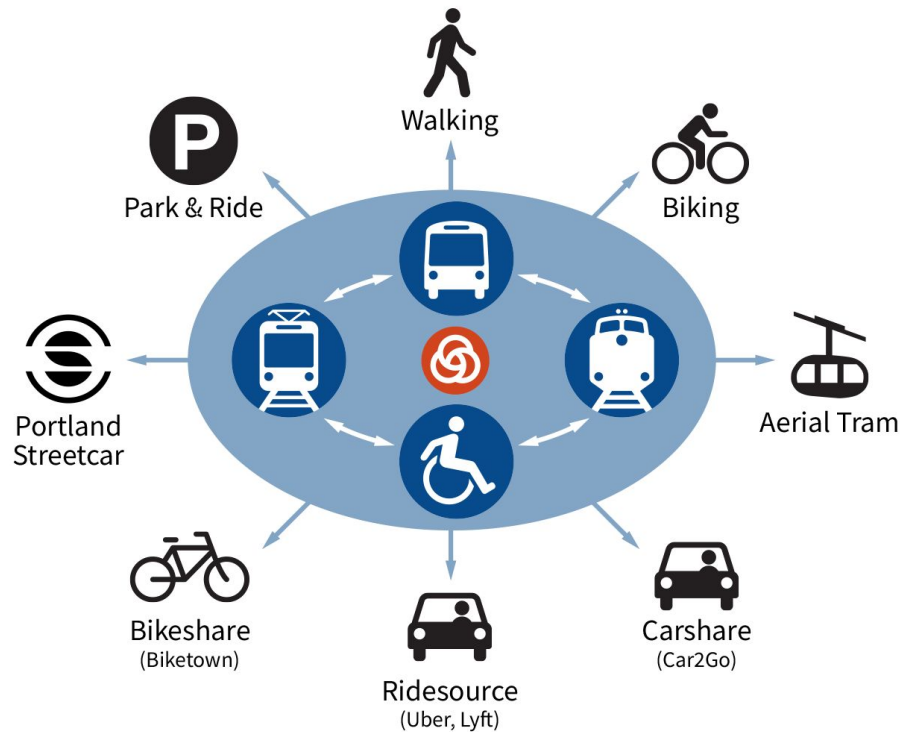# FTA MOD Sandbox Grant
Multimodal Trip Planner

TriMet Board of Directors Briefing, 2/27/2019
Bibiana McHugh, Manager, Mobility & Location-Based Services

FTA Mobility on Demand (MOD) Sandbox Grant
Jan 2017 - Jan 2019

- TriMet was one of eleven grant recipients selected out of 78 applicants
- Project Proposal: Add shared-use mobility options (like Uber, Lyft, and BIKETOWN) to our existing multimodal trip planner
- Awarded $678,000 in funding, supported by $324,000 of in-kind contributions
- Collaborated with 38 public and private partners
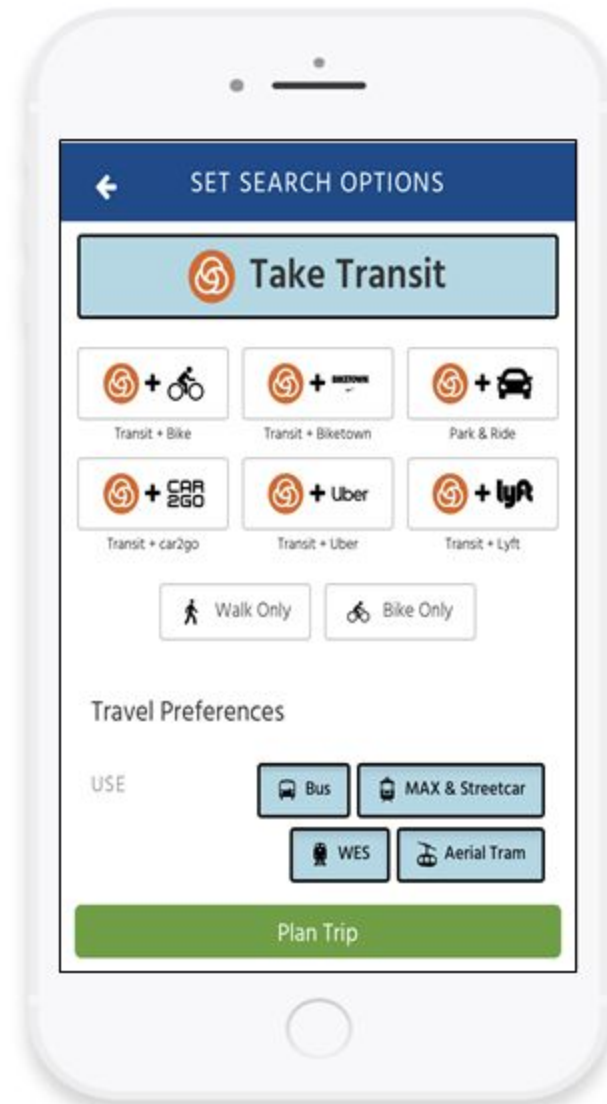- Project successfully completed **on time and in budget**

TriMet MOD Sandbox Project Results

- Leading-edge, multimodal trip planner

- Key component of Mobility as a Service (MaaS)

- Addresses first and last mile problem by improving customers ability to travel door-to-door

- Open source software, open data, and open standards facilitate widespread adoption and leverage shared resources

- Builds on the OpenTripPlanner, which TriMet initiated in 2009, and is used in many places across the US and in other countries

TriMet MOD Sandbox Project Results

TriMet is the first US transit agency to release a <u>multimodal</u> trip planner that incorporates a comprehensive list of shared-use mobility service providers, such as BIKETOWN, car2go, Lyft, Uber and Zipcar.

Application Demonstration

Transit Trip
Real-time Information

Transit + Uber Trip
Faster than Transit Alone

Transit + Uber Trip
Cheaper than Uber Alone
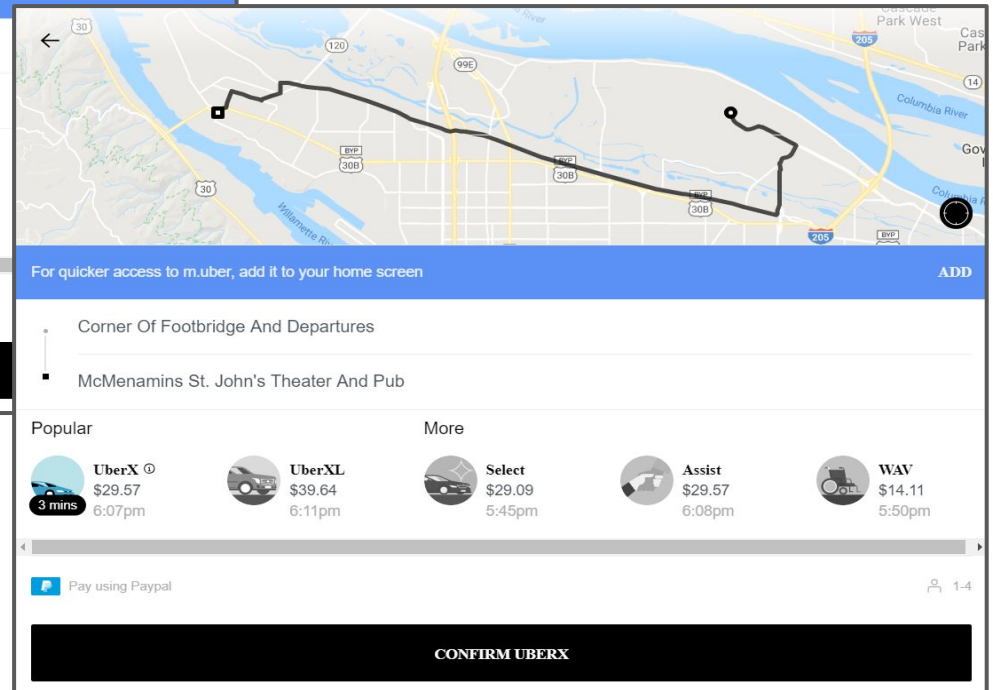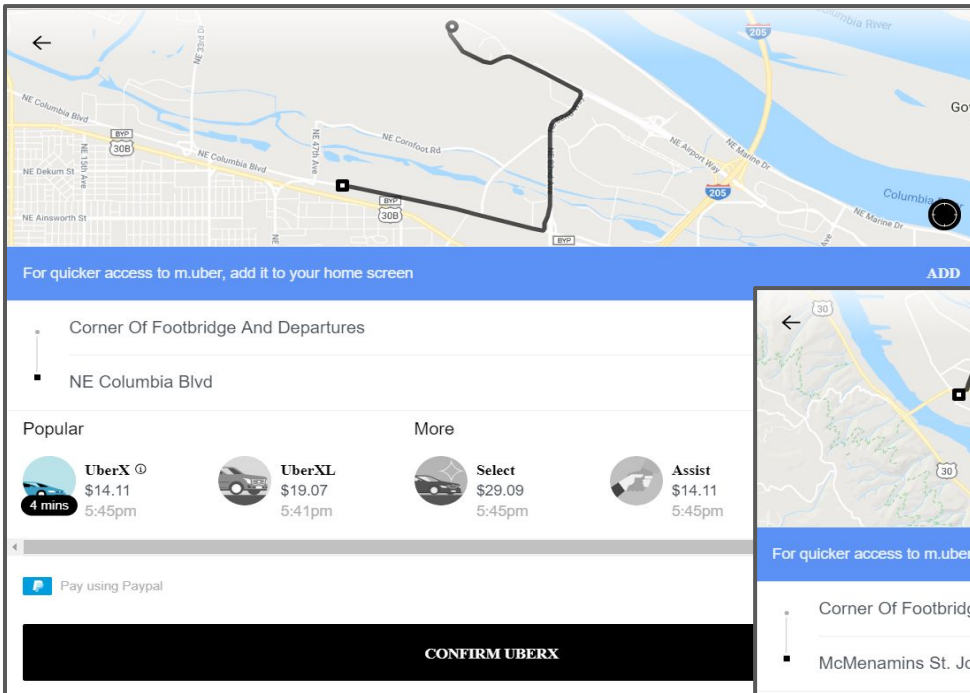
Book Ride feature opens Uber & Lyft apps to confirm, book and pay

Transit + Park & Ride Trip
Home to Transit

BIKETOWN
Real-time Information, Biking Preferences

Mapping Layers and Information

Next Steps

- New trip planner public beta release March 2019

- Engage with customers and continue to refine and
  add features through feedback

- Build on Mobility as a Service (MaaS) platform

- Fully integrate trip planner into trimet.org