FTA MOD Sandbox Grant
Multimodal Trip Planner

TriMet Board of Directors Briefing, 2/27/2019
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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 multimodal 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