

A low-angle shot of a white and teal Sound Transit train. The train is moving from left to right. The teal stripe is prominent. The windows are dark. The background shows a station platform with a glass roof structure.

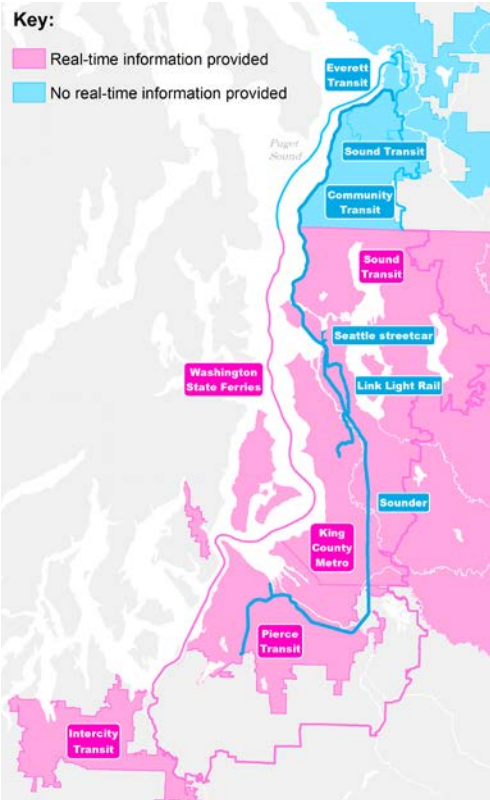
Open Transit Data Program Overview

Michael Berman, R&T Program Manager

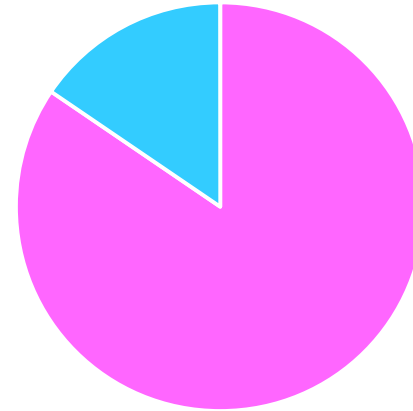
October 6, 2016

 **SOUNDTRANSIT**

Overview of Open Transit Data Program



Puget Sound Ridership



■ Real-time Available ■ No Real-time Available

What does the public see?



m.soundtransit.org/stops-and-arr

Real-Time Arrivals

Madison St & 5th Ave Stop #1400

Accessible: Yes

last refreshed a few seconds ago

Service	Arrives	Destination
12	8min	DOWNTOWN SEATTLE MADISON ST
	12:51pm	late by 7min
12	16min	DOWNTOWN SEATTLE MADISON ST
	12:59pm	on time
12	31min	DOWNTOWN SEATTLE MADISON ST
	1:14pm	on time

Show later services

Plan trip | Share | Save

NE Pacific St & Montlake Blvd NE - Bay 2

Stop #	Route	Time
43	To Route 43 Via Broadway Bus #1501	21 mins
44	Bellevue Wallingford (via 43rd St)	2 mins
45	Loyal Heights Greenwood (via 43rd St)	7 mins
48	University District Central District Bus #1537	0 mins
71	Wedgwood Ravenna Bus #1474	4 mins
73	Jackson Park Maple Leaf Bus #1262	6 mins
167	University District Via SR-520 Bus #2110	23 mins
271	University District Bellevue Bus #2117	0 mins
277	University District Houghton P&R Bus #2224	30 mins
540	University District Bus #9200	11 mins
541	University District University Of Washington Station Bus #9070	10 mins

Trip Planner

Plan your trip

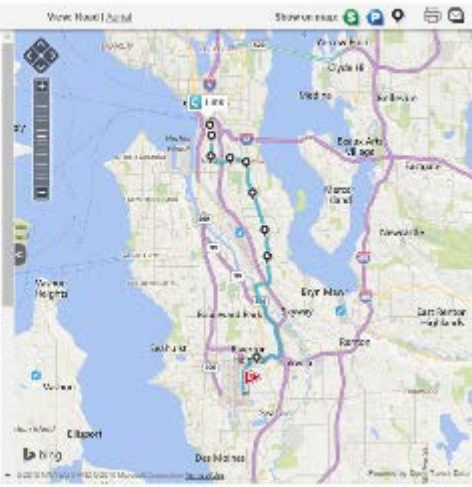
215 5th Ave Seattle

Seattle

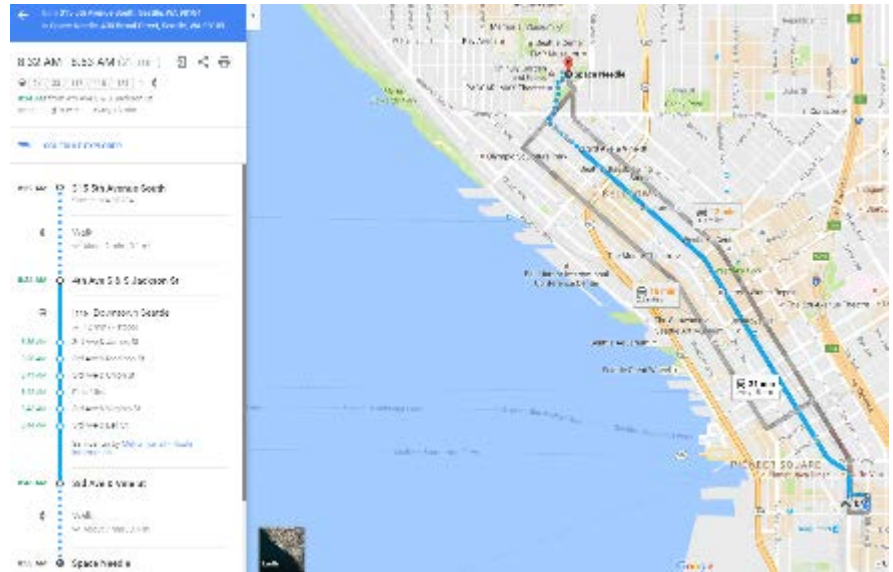
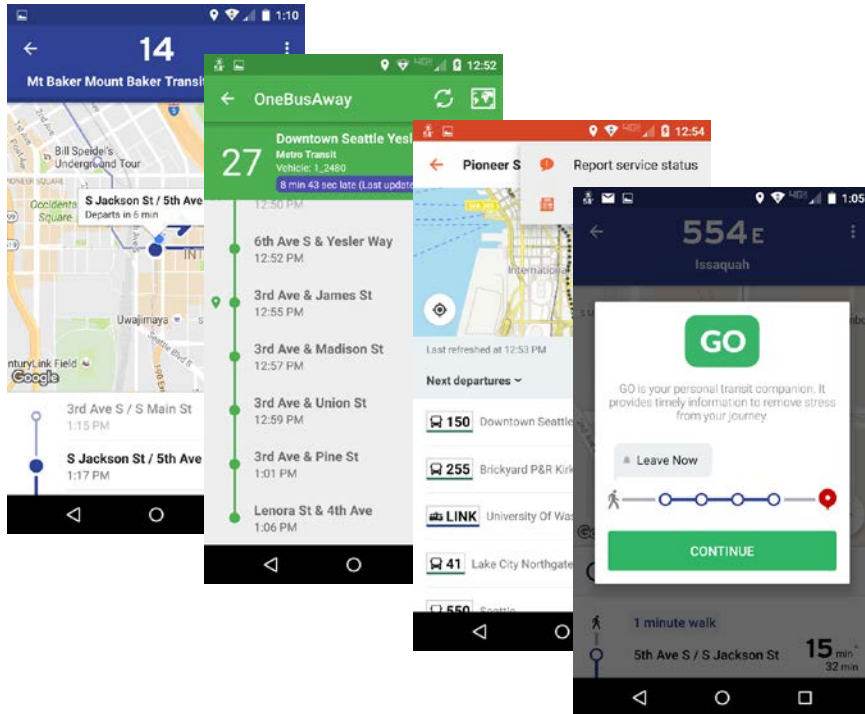
Plan Trip

Trip Options

Map



What does the public see?



Under the hood of OTD

Data

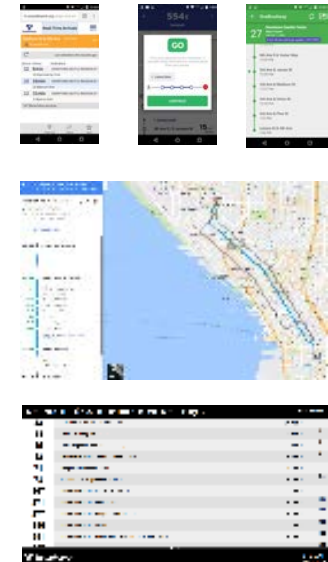


Processing

Open
Transit Data
Engine



Public Tools



What we've accomplished

- Infrastructure Buildout and Data Acquisition
- Provided data to soundtransit.org, OneBusAway, and many other applications
- Link Real-Time Pilot
- Improvements to the sign interface
- Improved abilities to move data from one system to another
- Faster data bundling, validation, and reporting
- Improved monitoring and automation

What's coming?

- More Real Time Information
 - Link
 - Sounder
 - Community Transit
 - Seattle Streetcar
 - Everett Transit
- More agencies included in OTD
- Tests of new kinds of data
- Rider Alerts
- Better OBA Website
- Better predictions and error-checking
- Reporting and analytics
- More tools for app developers
- Data archiving

Contract Terms

- Vendor is Cambridge Systematics – National expert in Open Source transit technology
- Five year base contract
 - New development
 - Operations and Maintenance
- Up to 10 additional years
- Task-order based work
- \$2.4 million contract