Update: Seattle Streetcar



Seattle City Council Transportation Committee March 10, 2014



SDOT's core principles



First Hill Streetcar: Project background

- Funded in ST2 Regional Transit Measure
- ST2 Measure projected service by July 2016
- Connects First Hill Urban Center to Light Rail
- 10-minute headways, 20 hour span of service
- Construction started April 2012
- Construction completed May 2014
- Vehicle delivery/operational startup delayed

Current status

- Vehicle manufacturer is six months behind schedule for all vehicles to be ready for service
- First vehicle delivered February 28, 2015
- Vehicle "Qualification Testing" underway in Czech Republic
- Change order establishes new milestones and revises liquidated damages

Vehicle contract modifications: schedule

Car number	Conditional acceptance – new date	Conditional acceptance – old date
1	4/22/2015	10/06/2014
2	6/30/2015	10/06/2014
3	5/29/2015	10/06/2014
4	5/12/2015	10/06/2014
5	6/5/2015	10/06/2014
6	6/30/2015	10/06/2014
7 (option car)	6/15/2015	1/25/2015

Vehicle contract modifications: liquidated damages

- \$111,000 in damages to be paid in additional spare parts
- \$150,000 in damages waived
- Damages increase as follows:
 - June 1 June 15: \$500 per car per day
 - June 16 June 30: \$750 per car per day
 - July 1 delivery: \$1,000 per car per day

Project cost & budget status

•	Spent to date	\$1	27.5	M
•	ST funding	\$1	32.8	M
•	2014 Q4 supplemental budget	\$	2.5	M
•	Remaining budget:	\$	7.8	M
•	Potential remaining cost:	\$	9.4	M
•	Potential funding gap:	\$	1.6	M

Project cost factors

- Added \$4 M Pioneer Square Segment—no increase to project funding
- Significant upgrades to signal infrastructure at 31 Intersections--\$1.8 M over project budget



Remaining cost risks

- Close out of construction contract—settlement of potential subcontractor claims
- Final funding need could be higher or lower than current estimate



Next steps



- SDOT will continue daily production meetings with manufacturer
- Vehicle testing to begin in March
- SDOT to provide cost and budget updates as construction closeout progresses.

South Lake Union Streetcar: Project Background

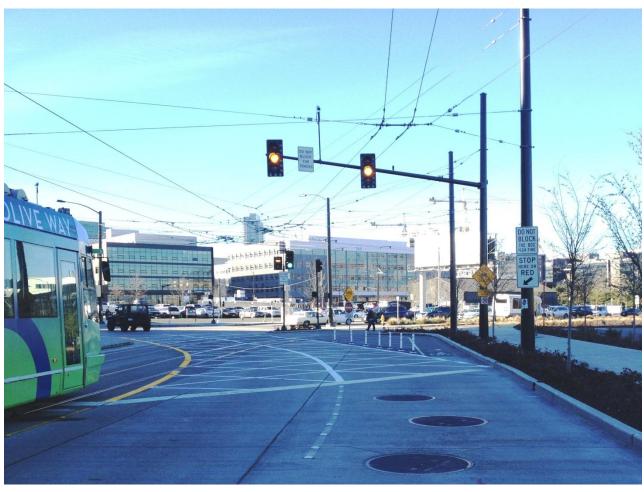
- Opened December 2007
- Funded 50% Local Improvement District, 25% federal grants
- 2,500 Average weekday riders—175% growth from 2009 to 2013
- Catalyst for Economic Development
 - over \$4 billion in private investment
 - \$6 million square feet of commercial space
 - over 3,500 housing units
 - over 20,000 new jobs
- Reliability: On-Time Performance Declined Significantly beginning late 2012

South Lake Union Streetcar: Planned Improvements

- Fleet Expansion (fourth streetcar) and service enhancement funded by Amazon.com
- 10 minute headways, 7AM to 7 PM beginning summer 2015
- Reliability: spot improvements (Fairview/Valley, Westlake/Denny) in 2015
- Reliability: exclusive transit lanes for bus & streetcar in 2016

South Lake Union Streetcar: Planned Improvements

Fairview & Valley "Do Not Block the Box" Signage & Striping



Questions?

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Vehicle & startup updates

Date	Format	Information Provided
December	Quarterly Report to Council	Vehicle production is behind schedule
2013		
February 2014	Transportation Committee	Vehicles delayed; 5-6 months behind
2014	Briefing	approved schedule and 3 months behind contractual deadlines; vehicles are the
		critical path for startup
April	Quarterly Report to Council	Vehicles behind schedule, on critical path
2014		for operational startup
August	Quarterly Report to Council	Vehicles delayed; has impacted startup and
2014		created uncertainty in schedule for startup
September	Quarterly Report to Council	Vehicles and startup delayed, high level of
2014		uncertainty remains
January	Quarterly Report to Council	Vehicle completion remains a major
2015		concern; first vehicle delivery has slipped
		to February
March	Transportation Committee	New delivery schedule agreed upon;
2015	Briefing	service expected to begin Summer 2015 15