

A low-angle, close-up photograph of a Sound Transit train. The train is white with a teal and blue wave-like graphic on its side. Several windows are visible, reflecting the sky and the station structure. The train is positioned under a glass and steel station canopy. The overall scene is brightly lit, suggesting a sunny day.

ST3 Expert Review Panel

June 6, 2016

Ridership Forecasting

 **SOUNDTRANSIT**

Overview

- ST3 ridership
- Cost per rider
- Travel times

ST3 Ridership

- Changes during draft plan development
 - Revised project definitions
 - Latest software version
- Incremental increases in transit trips - review
 - Base Year 2014 – about 390,000 transit trips daily
 - Stage 1 - Population and employment growth – up to 41% more transit trips
 - Stage 2 - Increased road congestion, driving and parking costs – up to 4% more transit trips than Stage 1
 - Stage 3 – Changing the transit network including ST3 – up to 40% more transit ridership than Stage 2
 - After all 3 stages: 657,000 – 797,000 transit trips in 2040

ST3 Ridership (continued)

	2015	2040 without ST3	2040 with ST3 (draft plan June 2016)
Light Rail	38,900	305,000 – 371,000	477,000 – 591,000
Souder Commuter Rail	14,600	33,000 – 45,000	31,000 – 41,000
ST BRT	n/a	n/a	24,000 – 29,000
ST Express Bus	63,000	62,000 – 75,000	29,000 – 34,000
Total Boardings	116,800	400,000 – 491,000	561,000 – 695,000

Cost Per Rider

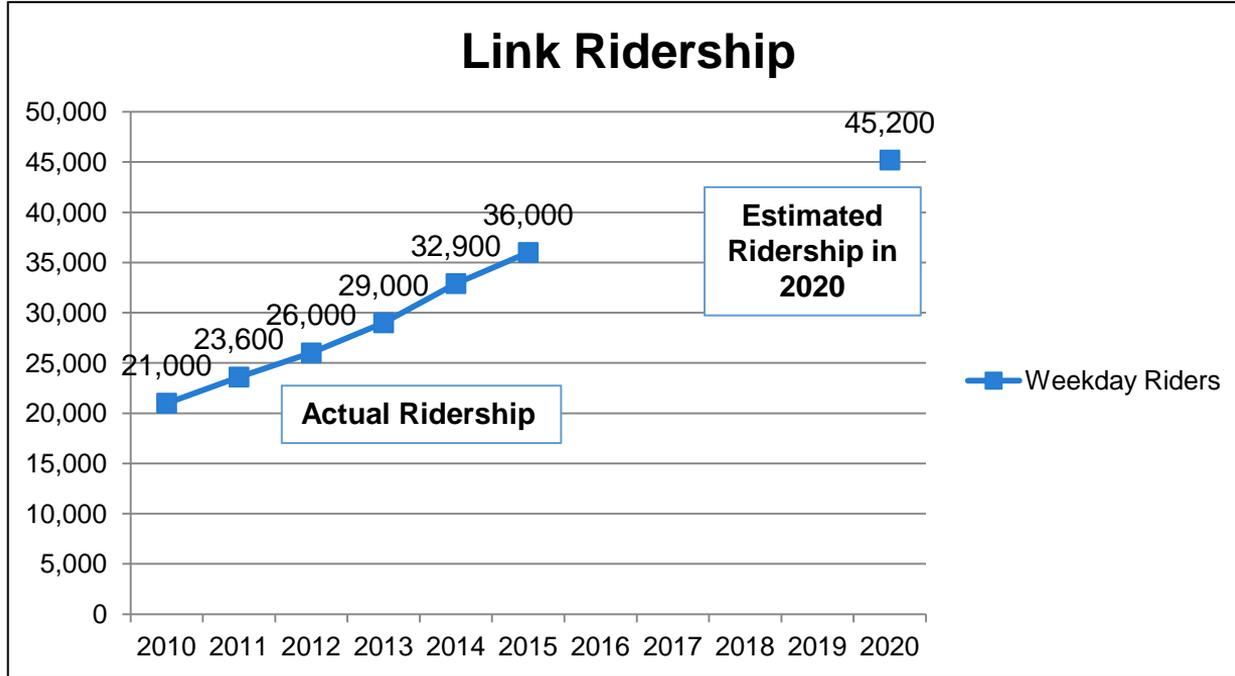
	Cost per Project Rider	Cost per New Transit Rider
Denny to Stadium - New Light Rail Tunnel	\$2	\$33
Ballard to Downtown (Denny) Light Rail	\$6	\$38
West Seattle to Downtown Seattle Light Rail	\$7	\$32
KDM to Federal Way Light Rail	\$3	\$20
Federal Way to Tacoma Light Rail	\$10	\$31
Lynnwood to Everett Light Rail	\$13	\$49
Redmond Tech. Ctr. to SE Redmond to DT Redmond Light Rail	\$17	\$84
S. Kirkland to Issaquah Light Rail	\$20	\$141
Tacoma Link Extension to Tacoma Community College	\$7	\$22
145th and SR 522 Bus Rapid Transit	\$11	\$100
I-405 Bus Rapid Transit	\$11	\$81
Souder Expansion to DuPont	\$46	\$171

Transit Travel Times

	Existing	2040 without ST3	2040 with ST3	Time Savings with ST3
UW to Everett	73 min*	60 min*	53 min	7 min
Seattle to Mariner P&R	55 min	52 min*	41 min	11 min
Bellevue to Ballard	70 min*	58 min*	36 min*	22 min
UW to West Seattle	30 min*	37 min*	23 min	14 min
Bellevue to Issaquah	25 min	28 min	18 min	10 min
Federal Way to Stadium	61 min*	56 min*	44 min*	12 min
Tacoma to Airport	44 min	50 min	33 min	17 min

*requires 1 transfer (transfer times not included)

Link Ridership – Actual vs. Estimates



The image features a close-up, low-angle shot of a Sound Transit train. The train is white with large, dark windows and is decorated with stylized, wavy blue and teal graphics that resemble ocean waves. A semi-transparent dark grey banner is overlaid across the middle of the image, containing the Sound Transit logo (a stylized 'S' and 'T' in a square) and the text 'SOUNDTRANSIT' in a bold, sans-serif font. Below this, the slogan 'RIDE THE WAVE' is written in a smaller, all-caps, sans-serif font. The background shows a clear blue sky and the top of some green trees.

SOUNDTRANSIT
RIDE THE WAVE