

MARICOPA ASSOCIATION OF GOVERNMENTS
Regional Transit Framework Study



Sound Transit

Seattle, Washington

Peer Region Presentation

November 19, 2008

Service Characteristics Operations

- Services Operated

- Local/Express Bus
- Light Rail
- Commuter Rail
- Monorail*
- Ferryboat*
- Demand Response*
- Vanpool Service*

- Hours of Service

- Weekday / Weekday:

- Express Bus: 5am to 12:30am (approx.) / 6am to 12am (approx.)
- Light Rail: 5:30am to 10:30pm / 8am to 10pm (Sat) / 10am to 6pm (Sun)
- Commuter Rail – Seattle to/from:
 - Everett: 6 AM & 6 PM Trips / No Service
 - Tacoma: 8 AM & 8 PM Trips / No Service



*Operated by other transit agency or departments of transportation

Service Characteristics

Fares

Mode	Type	One-Way Fare	
Local Bus (King County Metro)		Off-Peak	Peak
	Youth	\$0.50	\$0.50
	1 Zone	\$1.50	\$1.75
	2 Zones	\$1.50	\$2.25
	Reduced	\$0.25	\$0.50
Demand Response		\$0.75	
Monorail	Youth	\$1.50	
	Adult	\$4.00	
	Reduced	\$2.00	
Ferryboat	Youth	\$2.60-\$16.00	
	Adult	\$1.30-\$8.00	
	Reduced	\$2.10-\$12.80	
Commuter Rail	Youth	\$2.00-\$3.50	
	Adult	\$2.75-\$4.75	
	Reduced	\$1.25-\$2.25	
Light Rail*		Free	

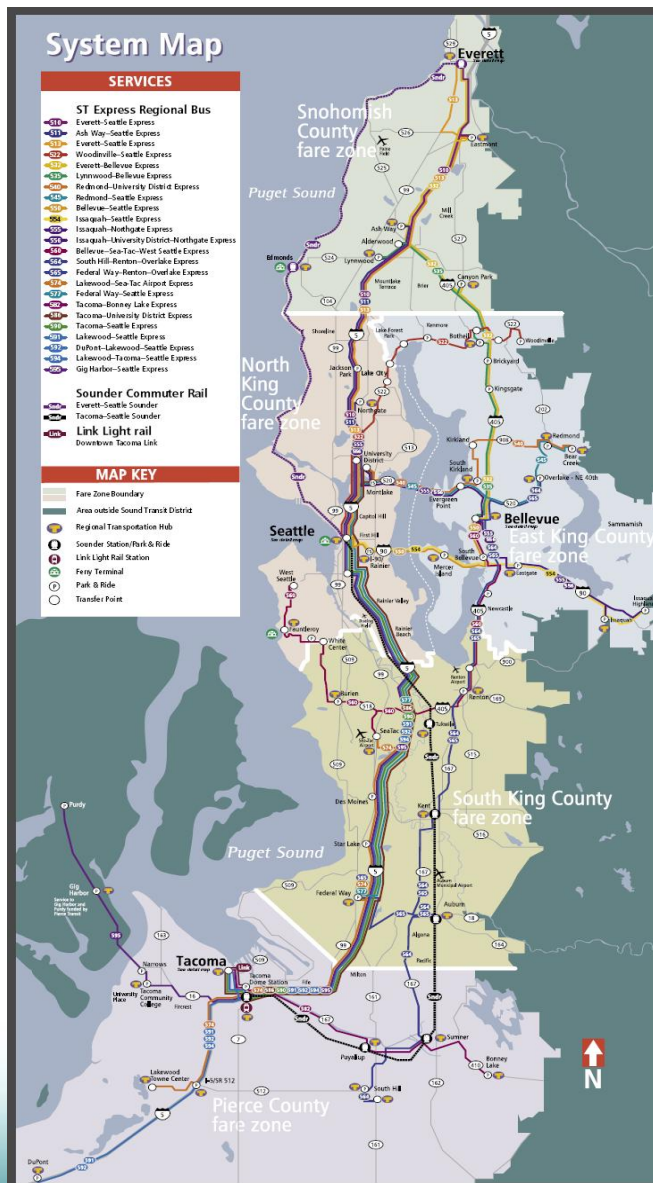
Source: King County Metro Transit, 2008; Washington State Department of Transportation, 2008; Sound Transit, 2008.

*Note: The existing 3.6 mile light rail line in Tacoma is free, but the new line opening in Seattle next year will charge a fare. That fare analysis work is currently underway and will be complete by Jan 2009.

Service Characteristics Capital

- Bus
 - No. of Vehicles: 240
 - No. direction guideway miles: 224.0
- Light Rail
 - No. of Vehicles: 38
 - No. of direction guideway miles: 3.6 (32 miles opening in 2009)
- Commuter Rail
 - No. of Vehicles: 69
 - No. of directional guideway miles: 146.9

System Map



Source: Sound Transit, 2008

Funding Sources

- Local Sales Tax – King County
 - 0.8 percent
- Sound Move
 - \$3.9 billion initiative
 - Local Sales – Regional
 - 0.4 percent
 - MVET Tax – Regional
 - 0.3 percent
- Sound Transit 2 Plan
 - \$17.8 billion initiative
 - 0.5 percent increase in sales tax
 - In addition to Sound Move taxes

Future Transit: Sound Transit 2 Plan

- 15-year plan
- Responds to public demand for improvements today and in the future
- Adds 100,000 hours of ST Express bus service right away (17% more than today)
- Increase Sounder CR capacity from Lakewood to Seattle by 65% within first few years
- Adds 36 miles of light rail to the region
- Considers alternative modes in how people access the system
- Funds ongoing improvements to the system as communities begin to form around the transit investments
- Leverages investments by others to maximize the reach and impact of Sound Transit investments

Sound Transit 2
Regional Transit System Plan Map



Sound Transit 2 Plan: ST Express Regional Bus



	Snohomish	East King	South King	Pierce	Total
2008 Base Hours (approx)	93,000	295,000	72,000	148,000	607,000
Remaining Sound Move Hours (programmed by 2011)	4,000	6,000	3,000	23,000	36,000
New ST2 Hours (programmed in 2009)	29,000	49,000	7,000	15,000	100,000
Total Hours (ST2 + SM)	126,000	350,000	82,000	186,000	743,000
Overall Increase above 2008	35%	19%	14%	26%	22%
Increase Attributed to ST2	31%	17%	10%	10%	17%

Note: Numbers may not add due to rounding.

Sound Transit 2 Plan: Commuter Rail



- Lakewood to Seattle Line:
 - Station expansion and access improvements in Lakewood, South Tacoma, Tacoma Dome, Puyallup, Sumner, Auburn and Kent
 - Build a permanent station in Tukwila
 - Extend station platforms and train lengths to 8 cars
 - Increase the number of round trip trains by 4, up from 9 under Sound Move
- Everett to Seattle
 - Build a permanent station in Edmonds
 - Expand access opportunities in Mukilteo
 - Potentially add new stations in Ballard and just north of downtown Seattle if money is available
- Fleet, yard and shops, other track and systems improvements

Sound Transit 2 Plan: Light Rail Link



- Adds 36 miles of light rail to the 19 miles funded by Sound Move that opens to the airport in 2009 and to UW in 2016
 - North from the UW to Northgate, Shoreline, Mountlake Terrace and Lynnwood (at least 7 stations, 12.5 miles)
 - East from downtown Seattle to Mercer Island, Bellevue and Redmond's Overlake Transit Center (at least 9 stations, 14.5 miles)
 - South from Sea-Tac Airport to Redondo/Star Lake near Federal Way (at least 3 stations, 6.8 miles)
 - Streetcar connector serving Seattle's International District, First Hill and Capitol Hill (approximately 13 stops, 2.2 miles)
- Fleet and yard expansions to exiting facility

Sound Transit 2 Plan: Summary

- Increases transit ridership across the region by 65%
- Eliminates between 99,550 and 178,330 metric tons of CO₂ equivalent GHG emissions each year
- Saves average person in the region \$155 per year
- Creates 66,000 jobs across the regional economy during construction
- Creates 48,000 permanent jobs across the economy once the system opens
- Increases transit commute trips to regional destinations by 25% to 65%
- Provides easy access to the rail system for 70% of regions residents and 85% of jobs in the district
- Extends rail to 50% of designated "Regional Centers"

Sustainability Goals and Policies

- Planning and evaluation for ST2 included a systemwide sustainability and GHG emission reduction study
- In 2007, the CEO issued an executive order implementing a detailed sustainability program that spans the entire agency.
 - Specific goals are under development

Why Regional Transit System?

- Local transit service provided by cities and counties in region
- Regional system of high capacity transit envisioned since 1968
- Seattle is the largest employment center and anchored by Everett, Tacoma, and Bellevue
- Frequent, fast, and reliable alternative transportation is needed to connect these four principal cities of the State