





MARICOPA ASSOCIATION OF GOVERMENTS Regional Transit Framework Study

Sound Transit

Seattle, Washington

Peer Region Presentation November 19, 2008



Service Characteristics Operations

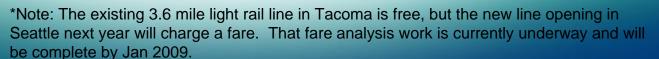
- Services Operated
 - -Local/Express Bus
 - -Light Rail
 - -Commuter Rail
 - -Monorail*
 - –Ferryboat*
 - -Demand Response*
 - –Vanpool Service*
- Hours of Service
 - -Weekday / Weekday:
 - •Express Bus: 5am to 12:30am (approx.) / 6am to 12am (approx.)
 - •Light Rail: 5:30am to 10:30pm / 8am to 10pm (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



Service Characteristics Fares

| Mode | Туре | One-Way Fare | | | | |
|---------------------|---------|------------------|---------------|--|--|--|
| Local Bus | | Off-Peak | Peak | | | |
| (King County Metro) | 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 \$4.00 | | | | |
| | Adult | | | | | |
| | Reduced | \$2.00 | | | | |
| Ferryboat | Youth | \$2.60-\$16.00 | | | | |
| | Adult | \$1.30- | \$1.30-\$8.00 | | | |
| | Reduced | \$2.10-\$12.80 | | | | |
| Commuter Rail | -\$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.





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





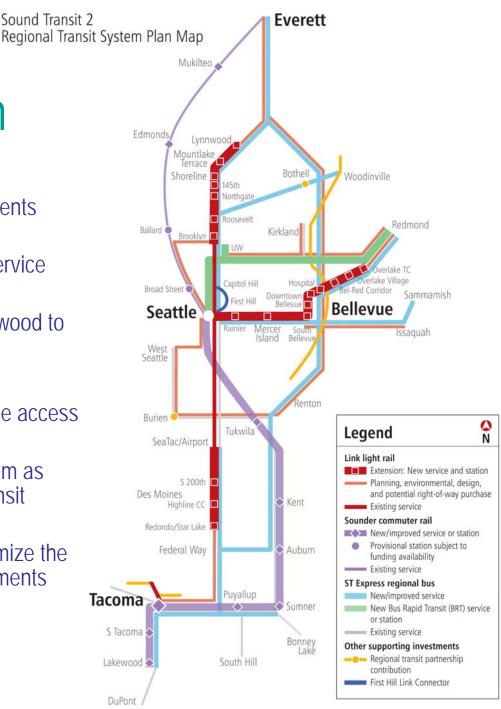
Funding Sources

- 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 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

