

# Sound Transit 2 - Sound Transit System Expansion

## Sample Investment Option: Bus/Rail Extension

Per Sound Transit Board Resolution R2006-15

Sales tax incremental increase = 0.3% (Estimated annual new cost per household: \$75 (2007), or 3¢ per \$10 retail purchase)



### Building Sound Transit 2

This sample investment option is one of three being offered for public review and comment by the Sound Transit Board as it develops a package of mass transit investments to be put to a public vote in November 2007.

The end result will be a final package – Sound Transit 2 – funding for which will be put to voters alongside a companion package of regional road investments. Both packages must be approved for either to take effect.

### Bus/rail extension option

This option funds Sound Transit Express bus and Sounder commuter rail enhancements, a 19-mile expansion of the Link light rail network and a six-mile Tacoma Link extension. It identifies light rail as the preferred mode for high capacity transit across Lake Washington. It represents a functional and productive expansion of the regional mass transit system that can be paid for with a 0.3% sales tax increase. This option:

- Makes moderate investments in light rail corridors.
- Expands light rail north from the University of Washington to Northgate, south to Kent-Des Moines Road and east from downtown Seattle to Bellevue/Overlake Hospital.
- Connects the urban centers of Northgate, University District, First Hill/Capitol Hill, downtown Seattle, Bellevue and SeaTac with reliable light rail service.
- Extends Tacoma Link to Tacoma Community College.
- Sets aside additional funding (1% per year growth) for future service enhancements to existing ST Express bus network.
- Prepares for future investments in light rail and commuter rail expansion by funding planning studies and purchases of up to \$40 million in future right-of-way.

## About Sound Transit 2

Sound Transit is working to expand the central Puget Sound mass transit system to meet the challenges facing the region with 1.2 million more people living here by 2030.

This work builds on the light rail, commuter rail and regional bus system voters approved in 1996 that is in place and under construction today.

### Option at a glance

- New park-and-ride stalls 8,000
- New transit centers 2
- New/improved Sounder parking 10
- New/improved Sounder tracks (miles) 1.3
- New Link light rail (miles) 19
- New light rail stations 11
- New Business Access and Transit lanes (miles) 18
- New Tacoma Link miles 6
- New Tacoma Link stations 7

### Option ridership for 2030

	Annual	Weekday
Total system ridership:	92M	302K
Central Link:	70M	224K
Tacoma Link:	4M	12K
Sounder:	5M	18K
ST Express:	14M	48K

See [www.soundtransit.org/ST2/Future](http://www.soundtransit.org/ST2/Future) for more information about this option, specific projects, and the Sound Transit 2 planning process

### Project list\*

#### North Corridor

##### Link

- [N6 Link LRT: Extension from University of Washington to Northgate \(c\)](#)
- [N7a Enhanced Transit: Streetcar or Bus Connection between Downtown Seattle and Capitol Hill Station via First Hill \(b\)](#)

##### Sounder

- [N22 Sounder: Joint Development of a Parking Garage at Mukilteo Sounder Station \(a\)](#)
- [N23a Sounder: New Permanent Sounder Station at Edmonds Crossing \(b\)](#)
- [N26 Sounder: New Station at Broad Street in Seattle \(c\)](#)

#### North corridor (continued)

##### ST Express

- [N13 Express Bus: Transit Signal Priority on SR 99 and Evergreen Way \(a\)](#)
- [N11 Express Bus: Business Access and Transit Lanes on SR-99 and Evergreen Way \(b\)](#)
- [N15 Express Bus: Parking Garage, Transit Center and Bus Layover Facility at Mariner Park-and-Ride \(c\)](#)
- [N8 Express Bus: HOV Access Ramps at Mariner Park-and-Ride \(c\)](#)

##### East Corridor

##### Link

- [E1 Link LRT: Seattle to Bellevue \(aerial\) \(b\)](#)
- [E4 Link LRT: Maintenance Facility and Vehicles \(b\)](#)

##### ST Express

- [E20 Express Bus: Transit Center & Parking Garage at Bothell \(c\)](#)
- [E25 Express Bus: Parking Garage at North 8th Street in Renton \(c\)](#)

##### South Corridor

##### Link

- [S7 Link LRT: Tacoma Link Extension to Tacoma Community College \(b\)](#)
- [S27 Link LRT: Sea-Tac Airport to South 200th Street \(c\)](#)
- [S28 Link LRT: South 200th Street to Kent-Des Moines Road \(c\)](#)

##### Sounder

- [S21 Sounder: Parking Garage and Pedestrian Bridge at Puyallup Station \(a\)](#)
- [S20 Sounder: Parking Garage and Pedestrian Bridge at Sumner Station \(a\)](#)
- [S17 Sounder: Permanent Station at Tukwila \(b\)](#)
- [S18b Sounder: Parking Garage at Auburn Station \(alt.\)\(c\)](#)
- [S23b Sounder: Parking Garage at Lakewood Station \(c\)](#)
- [S22 Sounder: Parking Garage and Pedestrian Bridge at South Tacoma Station \(c\)](#)
- [S25 Sounder: Track and Structure Upgrades between Tacoma Dome Station and Reservation Junction \(c\)](#)
- [S16 ST Express: Surface Parking Expansion at Tacoma Dome Station \(c\)](#)

##### ST Express

- [S12 Transit Signal Priority on SR-516 in Kent \(a\)](#)

\* The letters in parenthesis following each project represents the date range it is to be in service. Construction will start years before the service date.  
a = 2008-2014, b = 2015-2021, c = 2022-2027.

## Planning studies

- [N5 Link LRT: Preliminary Engineering from Northgate to King/Snohomish Line](#)
- [N3 Link LRT: Preliminary Engineering from King/Snohomish Line to Ash Way](#)
- [N2 Link LRT: Planning Study Ash Way to Everett Station](#)
- E29 LRT or RCBRT Preliminary Engineering from Bellevue to Redmond (proposed new project)
- [E9 HCT Planning Study on SR-520](#)
- [S3 Link LRT: Planning Study of Potential Future Corridors](#)

## Additional features

- Subarea program reserve funds – 10% of ST Express, Sounder projects.
- Regional bus bases - \$139M.
- Service Enhancement Fund – 1% yearly over a 5% yearly base. Service Enhancement Fund displaces \$100-\$140M in capital investments
- Right-of-Way Preservation Fund - \$40M.
- With this scenario, there are opportunities to modify ST Express routes as the light rail system is expanded.

## Project information

These options were put forward for public review and comment by the Sound Transit Board of Directors on July 13, 2006. They were derived from a list of candidate projects adopted by the Board in January 2006. To view the full list of candidate projects under consideration, go to <http://www.soundtransit.org/projects/longrange/regional/asp>.

## Costs (in 2005 \$)

	<u>2008-2027</u>
Capital Costs	\$ 5.8 b
Transit Services	\$ 0.4 b
Total	\$ 6.2 b

From 2008-2027, the total program costs would be funded by an estimated \$4.1 billion (2005\$) in new tax collections in addition to collection of existing taxes and bonding.

Estimated annual new cost per household: \$75 (2007\$), or 3¢ per \$10 retail purchase.

## Additional Financial Information

All project cost, schedules and financial plan information are preliminary and subject to change.

Costs estimates and schedules will be under continual refinement through summer 2007. Sound Transit's project cost estimating system establishes a baseline project budget at the completion of 30% engineering and once major project scope elements and schedules have been defined. Project costs are currently only at conceptual level (less than 5% engineering), are for system planning purposes only and do not constitute final project cost estimates.

Until project costs and schedules are finalized, financial plans for ST2 scenarios are also provisional. Current financial plans do not include grant or fare revenues associated with ST2 projects. Financial plans will be updated in summer 2006 and 2007 for new revenue and inflation forecasts.

From 2008-2027, the total capital and operating program costs are estimated to be \$6.2 billion in constant 2005 dollars and \$10.0 billion in inflation-adjusted year-of-expenditures (YOE) dollars. These figures do not include debt service, bond reserves or administrative costs. The YOE dollar figure will change as the Sound Transit Board refines program scenarios and project schedules are updated.