

## Sound Transit 3

### Appendix A: Detailed Description of Facilities and Estimated Costs

DRAFT

June 8, 2016

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# Sound Transit 3 Plan Map



## Total agency: Projects

### SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES

(Millions of year-of-expenditure dollars)\*

|   |   |
|---|---|
| <p><b>SOUNDER COMMUTER RAIL</b></p> <ul style="list-style-type: none"> <li>• Sounder North Parking</li> <li>• Sounder South Capital Improvements Program</li> <li>• Sounder Expansion to DuPont</li> </ul>  | <p><b>LINK LIGHT RAIL AND OTHER</b></p> <ul style="list-style-type: none"> <li>• Lynnwood to Everett via SW Everett Industrial Center</li> <li>• Ballard to Downtown Seattle</li> <li>• West Seattle to Downtown Seattle</li> <li>• Kent/Des Moines to Federal Way Transit Center</li> <li>• Federal Way Transit Center to Tacoma Dome</li> <li>• Redmond Technology Center to Downtown Redmond</li> <li>• South Kirkland to Issaquah</li> <li>• Infill light rail station: Boeing Access Road</li> <li>• Infill light rail station: South Graham Street</li> <li>• Infill light rail station: Northeast 130<sup>th</sup> Street</li> <li>• Tacoma Link extension to Tacoma Community College</li> <li>• Downtown Seattle Light Rail Tunnel</li> <li>• System Access Program</li> </ul> |
| <p><b>BUS RAPID TRANSIT PROJECTS</b></p> <ul style="list-style-type: none"> <li>• I-405/SR 518 Bus Rapid Transit</li> <li>• SR 522 and NE 145<sup>th</sup> Street Bus Rapid Transit (BRT)</li> </ul>  | <p><b>SYSTEM-WIDE ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>• Agency administration and insurance</li> <li>• Fare integration</li> <li>• Future system planning</li> <li>• High-capacity transit (HCT) planning studies</li> <li>• Innovation Program</li> <li>• Transit-Oriented Development Planning Program</li> <li>• Light rail vehicles, light rail operations and maintenance facilities</li> <li>• Puget Sound Taxpayer Accountability Fund</li> <li>• Contribution to Regional Affordable Housing Revolving Loan Fund</li> <li>• Efficiency/Sustainability Fund</li> </ul>   |
| <p><b>ST EXPRESS BUS</b></p> <ul style="list-style-type: none"> <li>• A capped contribution for King County Metro RapidRide C and D and Madison Street BRT Capital Improvements</li> <li>• Capital enhancements to improve bus speed and reliability between east Pierce County cities and Sumner Sounder station</li> <li>• A capped contribution for capital enhancements for speed, reliability and convenience along Pacific Avenue/SR 7</li> <li>• Bus on Shoulder program</li> <li>• North Sammamish Park and Ride</li> <li>• Interim ST Express service, including bus service improvements from Lakewood to Tacoma Dome</li> <li>• Bus operations and maintenance facility</li> </ul> | <p><b>SYSTEM-WIDE ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>• Agency administration and insurance</li> <li>• Fare integration</li> <li>• Future system planning</li> <li>• High-capacity transit (HCT) planning studies</li> <li>• Innovation Program</li> <li>• Transit-Oriented Development Planning Program</li> <li>• Light rail vehicles, light rail operations and maintenance facilities</li> <li>• Puget Sound Taxpayer Accountability Fund</li> <li>• Contribution to Regional Affordable Housing Revolving Loan Fund</li> <li>• Efficiency/Sustainability Fund</li> </ul>   |

### Total agency: Sources and uses of funds

| SOURCES                  |        | USES                          |        |
|--------------------------|--------|-------------------------------|--------|
| ST3 Tax Revenues         | 27,710 | <b>Capital Expenditures</b>   |        |
| ST3 Grants - Federal     | 4,690  | Sounder Commuter Rail         | 2,208  |
| Sound Move + ST2 Surplus | 9,308  | Link Light Rail               | 31,216 |
| Bond Proceeds            | 10,948 | Sound Transit Express Bus     | 523    |
| Fares & Other Revenues   | 1,246  | Bus Rapid Transit             | 1,852  |
| Interest Earnings        | 355    | System-wide Activities        | 367    |
|                          |        | <b>O &amp; M Expenditures</b> |        |
|                          |        | Sounder Commuter Rail         | 596    |
|                          |        | Link Light Rail               | 2,971  |
|                          |        | Sound Transit Express Bus     | 653    |
|                          |        | Bus Rapid Transit             | 1,208  |
|                          |        | System-wide Activities        | 2,176  |
|                          |        | Debt Service                  | 7,895  |
|                          |        | State of Good Repair          | 781    |
|                          |        | Contribution to Reserves      | 907    |
|                          |        | Contribution to System-wide   | 903    |
| <b>Total sources</b>     |        | <b>Total uses</b>             |        |
| 54,257                   |        | 54,257                        |        |

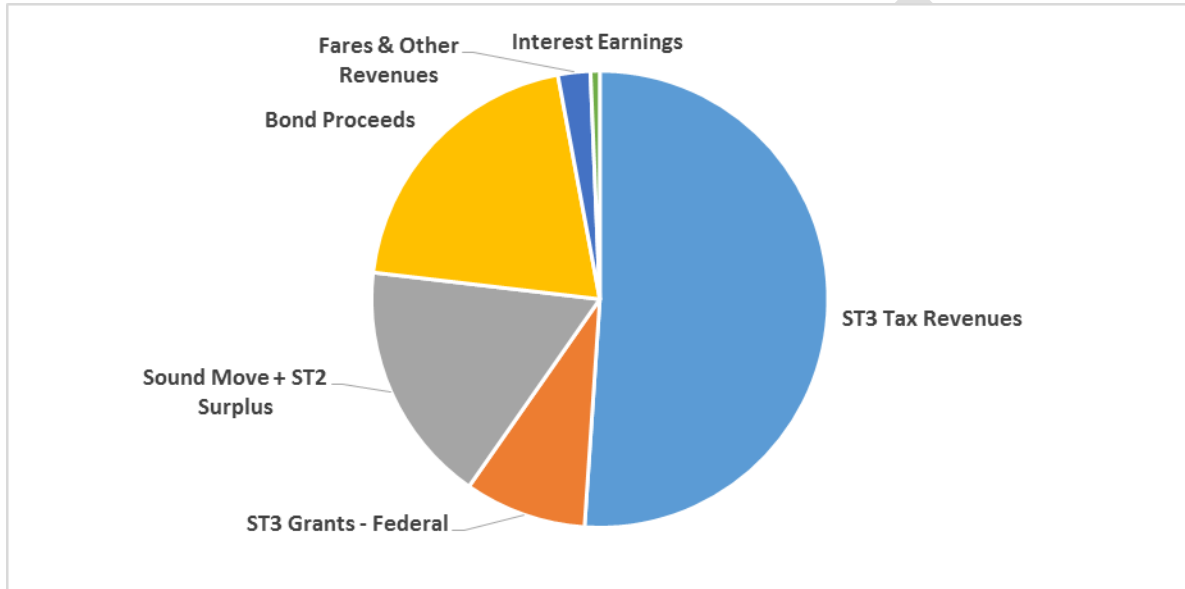
\*2017 – 2041 includes inflation.

Note: Columns/rows may not add exactly due to rounding.

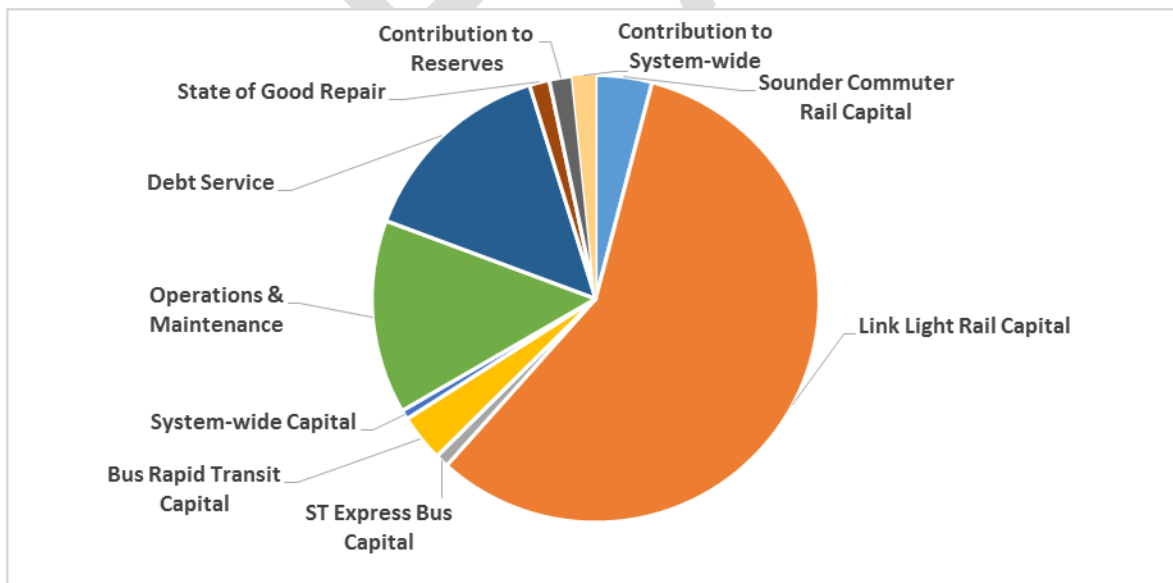
**TOTAL SOURCES/USES OF FUNDS - \$54.2 billion**

**(Millions of year-of-expenditure dollars)\***

**SOURCES OF FUNDS: 2017 – 2041**

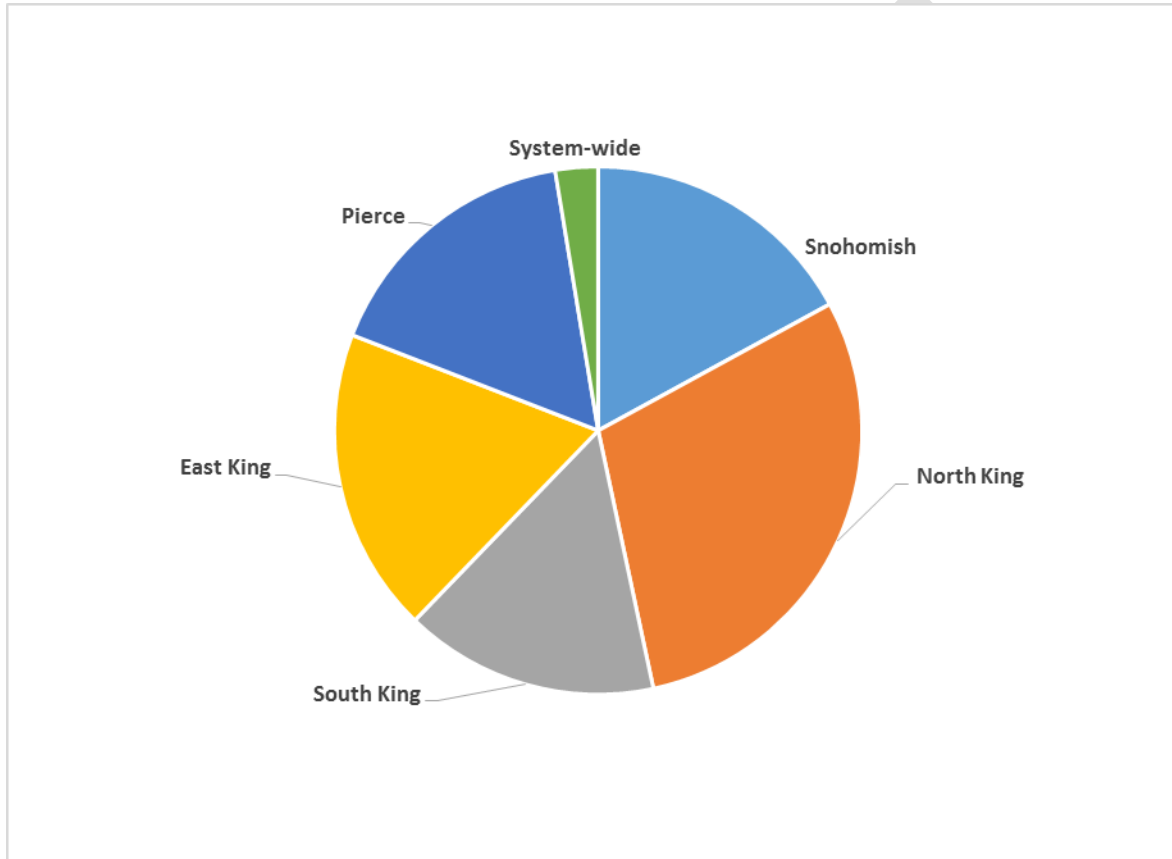


**USES OF FUNDS: 2017- 2041**



\*2017-2041, includes inflation.

**TOTAL SOURCES/USES BY SUBAREA: 2017 - 2041**



\*2017-2041, includes inflation.

## Financial plan

### Sources & Uses Summary for ST3

(Millions of year-of-expenditure dollars)\*

#### Sources of funds

| Notes** |                          | Snohomish    | North King    | South King   | East King     | Pierce       | System-wide  | Total         |
|---------|--------------------------|--------------|---------------|--------------|---------------|--------------|--------------|---------------|
| 1       | ST3 Tax Revenues         | 3,689        | 7,912         | 3,933        | 6,973         | 5,203        | -            | 27,710        |
| 2       | ST3 Grants - Federal     | 768          | 1,168         | 622          | 871           | 677          | 583          | 4,690         |
| 3       | Sound Move + ST2 Surplus | 1,884        | 1,824         | 891          | 1,606         | 2,623        | 481          | 9,308         |
| 4       | Bond Proceeds            | 2,808        | 4,761         | 2,718        | 422           | 240          | -            | 10,948        |
| 5       | Fares & Other Revenues   | 105          | 389           | 291          | 256           | 204          | 2            | 1,246         |
| 6       | Interest Earnings        | -            | -             | -            | -             | -            | 355          | 355           |
|         | <b>TOTAL SOURCES</b>     | <b>9,253</b> | <b>16,053</b> | <b>8,455</b> | <b>10,128</b> | <b>8,947</b> | <b>1,420</b> | <b>54,257</b> |

\*2017-2041, includes inflation.

\*\*See page 18 for notes to line items.



## Uses of funds

| Notes** |                               | Snohomish    | N King        | S King       | E King        | Pierce       | System-wide  | Total         |
|---------|-------------------------------|--------------|---------------|--------------|---------------|--------------|--------------|---------------|
|         | <b>Capital Expenditures</b>   |              |               |              |               |              |              |               |
| 7       | Souder Commuter Rail          | 50           | -             | 727          | -             | 1,431        | -            | 2,208         |
| 8       | Link Light Rail               | 5,895        | 8,792         | 3,263        | 6,014         | 3,229        | 4,022        | 31,216        |
| 9       | Regional Express Bus          | 66           | 85            | 69           | 76            | 227          | -            | 523           |
| 10      | Bus Rapid Transit             | 42           | 325           | 268          | 1,217         | -            | -            | 1,852         |
| 11      | System-wide Activities        | -            | -             | -            | -             | -            | 367          | 367           |
|         | Total Capital                 | 6,053        | 9,203         | 4,327        | 7,307         | 4,887        | 4,389        | 36,166        |
|         | <b>O &amp; M Expenditures</b> |              |               |              |               |              |              |               |
| 12      | Souder Commuter Rail          | -            | -             | 270          | -             | 326          | -            | 596           |
| 13      | Link Light Rail               | 409          | 679           | 563          | 305           | 312          | 702          | 2,971         |
| 14      | Regional Express Bus          | 67           | -             | 59           | 160           | 368          | -            | 653           |
| 15      | Bus Rapid Transit             | 132          | 238           | 170          | 668           | -            | -            | 1,208         |
|         | System-wide Activities        | -            | -             | -            | -             | -            | 2,176        | 2,176         |
|         | Total O&M                     | 608          | 918           | 1,062        | 1,132         | 1,006        | 2,878        | 7,605         |
| 16      | Debt Service                  | 1,747        | 3,402         | 2,162        | 400           | 184          | -            | 7,895         |
| 17      | State of Good Repair          | 9            | 81            | 171          | 440           | 81           | -            | 781           |
| 18      | Contribution to Reserves      | 91           | 314           | 313          | 106           | 31           | 52           | 907           |
| 19      | Contribution to System-wide   | 745          | 2,136         | 420          | 742           | 2,759        | (5,899)      | 903           |
|         | <b>Total Uses</b>             | <b>9,253</b> | <b>16,053</b> | <b>8,455</b> | <b>10,128</b> | <b>8,947</b> | <b>1,420</b> | <b>54,257</b> |

\*2017-2041, includes inflation.

\*\*See page 18 for notes to line items.

Note: Columns/rows may not add exactly due to rounding.

## Snohomish County subarea

### SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES

(Millions of year-of-expenditure dollars)\*

#### Projects

| BUS RAPID TRANSIT   |         |     |       | LINK LIGHT RAIL AND OTHER   |         |     |       |
|---|---------|-----|-------|---|---------|-----|-------|
| <ul style="list-style-type: none"> <li>I-405 BRT – Lynnwood Transit Center to Snohomish/King County Line</li> </ul>   |         |     |       | <ul style="list-style-type: none"> <li>Lynnwood to Everett via SW Everett Industrial Center</li> <li>Contribution to Downtown Seattle Light Rail Tunnel</li> <li>System Access</li> </ul>   |         |     |       |
|   | Capital | O&M | TOTAL |   | Capital | O&M | TOTAL |
| Total Costs   | 42      | 132 | 173   | Total Costs   | 5,895   | 409 | 6,305 |
| ST EXPRESS BUS  |         |     |       | <ul style="list-style-type: none"> <li>Contribution to light rail vehicle fleet and Operations &amp; Maintenance base</li> <li>Planning for the future                             <ul style="list-style-type: none"> <li>HCT Study: Connections from Everett to North Everett</li> </ul> </li> </ul> |         |     |       |
| <ul style="list-style-type: none"> <li>Bus on shoulder</li> <li>Interim express bus service: 12,804 hours</li> <li>Contribution towards bus maintenance facility</li> </ul> |         |     |       | Included in system-wide capital costs.  |         |     |       |
| Total Costs   | Capital | O&M | TOTAL |   |         |     |       |
|   | 66      | 67  | 133   |   |         |     |       |
| SOUNDER COMMUTER RAIL   |         |     |       |   |         |     |       |
| <ul style="list-style-type: none"> <li>Sounder north parking</li> </ul>   |         |     |       |   |         |     |       |
| Total Costs   | Capital | O&M | TOTAL |   |         |     |       |
|   | 50      |     | 50    |   |         |     |       |

#### Sources and uses of funds

| SOURCES                  |       | USES                          |       |
|--------------------------|-------|-------------------------------|-------|
| ST3 Tax Revenues         | 3,689 | Sounder Commuter Rail Capital | 50    |
| ST3 Grants - Federal     | 768   | Link Light Rail Capital       | 5,895 |
| Sound Move + ST2 Surplus | 1,884 | ST Express Bus Capital        | 66    |
| Bond Proceeds            | 2,808 | Bus Rapid Transit Capital     | 42    |
| Fares & Other Revenues   | 105   | Sounder Commuter Rail O&M     | -     |
| Interest Earnings        | -     | Link Light Rail O&M           | 409   |
|                          |       | ST Express O&M                | 67    |
|                          |       | Bus Rapid Transit O&M         | 132   |
|                          |       | Debt Service                  | 1,747 |
|                          |       | State of Good Repair          | 9     |
|                          |       | Contribution to Reserves      | 91    |
|                          |       | Contribution to System-wide   | 745   |
| Total sources            |       | Total uses                    | 9,253 |
| 9,253                    |       |                               |       |

\*2017 – 2041 includes inflation. Note: Columns/rows may not add exactly due to rounding.

## North King County subarea

### SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES

(Millions of year-of-expenditure dollars)\*

#### Projects

|   |         |     |       |   |         |     |       |
|---|---------|-----|-------|---|---------|-----|-------|
| <b>BUS RAPID TRANSIT</b> <ul style="list-style-type: none"> <li>• SR 522 and NE 145th Street BRT: 145<sup>th</sup> Street Link station (from Lake Forest Park)</li> </ul>         |         |     |       | <b>LINK LIGHT RAIL AND OTHER</b> <ul style="list-style-type: none"> <li>• Ballard to Downtown Seattle</li> <li>• Downtown Seattle to West Seattle</li> <li>• Infill light rail station: South Graham Street</li> <li>• Infill light rail station: Northeast 130<sup>th</sup> Street</li> <li>• Contribution to Downtown Seattle Light Rail Tunnel</li> <li>• System Access</li> </ul> |         |     |       |
|   | Capital | O&M | TOTAL |   | Capital | O&M | TOTAL |
| Total Costs   | 325     | 238 | 564   | Total Costs   | 8,792   | 679 | 9,472 |
| <b>ST EXPRESS BUS</b> <ul style="list-style-type: none"> <li>• Capped contribution for King County Metro RapidRide C and D and Madison Street BRT Capital Improvements</li> </ul> |         |     |       | <ul style="list-style-type: none"> <li>• Contribution to light rail vehicle fleet and Operations &amp; Maintenance base</li> <li>• Planning for the future                             <ul style="list-style-type: none"> <li>○ HCT Study: Northern Lake Washington</li> <li>○ HCT Study: West Seattle to Burien and Renton via Tukwila</li> </ul> </li> </ul>                        |         |     |       |
|   |         |     |       | Included in system-wide capital costs.  |         |     |       |
| Total Costs   | Capital | O&M | TOTAL |   |         |     |       |
|   | 85      | -   | 85    |   |         |     |       |

#### Sources and uses of funds

| SOURCES                  |               | USES                          |               |
|--------------------------|---------------|-------------------------------|---------------|
| ST3 Tax Revenues         | 7,912         | Sounder Commuter Rail Capital | -             |
| ST3 Grants - Federal     | 1,168         | Link Light Rail Capital       | 8,792         |
| Sound Move + ST2 Surplus | 1,824         | ST Express Bus Capital        | 85            |
| Bond Proceeds            | 4,761         | Bus Rapid Transit Capital     | 325           |
| Fares & Other Revenues   | 389           | Sounder Commuter Rail O&M     | -             |
| Interest Earnings        | -             | Link Light Rail O&M           | 679           |
|                          |               | ST Express O&M                | -             |
|                          |               | Bus Rapid Transit O&M         | 238           |
|                          |               | Debt Service                  | 3,402         |
|                          |               | State of Good Repair          | 81            |
|                          |               | Contribution to Reserves      | 314           |
|                          |               | Contribution to System-wide   | 2,136         |
| <b>Total sources</b>     | <b>16,053</b> | <b>Total uses</b>             | <b>16,053</b> |

\*2017 – 2041 includes inflation. Note: Columns/rows may not add exactly due to rounding.

**South King County subarea**  
**SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES**  
(Millions of year-of-expenditure dollars)\*

**Projects**

|   |         |     |       |  |         |     |       |
|---|---------|-----|-------|--|---------|-----|-------|
| <b>SOUNDER COMMUTER RAIL</b> <ul style="list-style-type: none"> <li>• Sounder South Capital Improvements Program</li> </ul>   |         |     |       | <b>LINK LIGHT RAIL AND OTHER</b> <ul style="list-style-type: none"> <li>• Infill station at Boeing Access Road</li> <li>• Link light rail from Kent/Des Moines to Federal Way Transit Center</li> <li>• Link light rail from Federal Way to King County/Pierce County line</li> <li>• Contribution to Downtown Seattle Light Rail Tunnel</li> <li>• System Access</li> </ul> |         |     |       |
| Total Costs   | Capital | O&M | TOTAL | Total Costs  | Capital | O&M | TOTAL |
|   | 727     | 270 | 997   |  | 3,263   | 563 | 3,827 |
| <b>ST EXPRESS BUS</b> <ul style="list-style-type: none"> <li>• Interim express bus service: 10,700 hours</li> <li>• Contribution towards bus maintenance facility</li> <li>• Bus on Shoulder</li> </ul> |         |     |       | <ul style="list-style-type: none"> <li>• Contribution to light rail vehicle fleet and Operations &amp; Maintenance base</li> <li>• Planning for the future <ul style="list-style-type: none"> <li>○ HCT Study: West Seattle to Burien and Renton via Tukwila</li> </ul> </li> </ul>  |         |     |       |
| Total Costs   | Capital | O&M | TOTAL | Included in system-wide capital costs.   |         |     |       |
|   | 69      | 59  | 127   |  |         |     |       |
| <b>BUS RAPID TRANSIT</b> <ul style="list-style-type: none"> <li>• I-405/SR 518 BRT: Renton to Burien Transit Center</li> </ul>  |         |     |       |  |         |     |       |
| Total costs   | Capital | O&M | TOTAL |  |         |     |       |
|   | 268     | 170 | 438   |  |         |     |       |

**Sources and uses of funds**

| SOURCES                  |              | USES                          |              |
|--------------------------|--------------|-------------------------------|--------------|
| ST3 Tax Revenues         | 3,933        | Sounder Commuter Rail Capital | 727          |
| ST3 Grants - Federal     | 622          | Link Light Rail Capital       | 3,263        |
| Sound Move + ST2 Surplus | 891          | ST Express Bus Capital        | 69           |
| Bond Proceeds            | 2,718        | Bus Rapid Transit Capital     | 268          |
| Fares & Other Revenues   | 291          | Sounder Commuter Rail O&M     | 270          |
| Interest Earnings        | -            | Link Light Rail O&M           | 563          |
|                          |              | ST Express O&M                | 59           |
|                          |              | Bus Rapid Transit O&M         | 170          |
|                          |              | Debt Service                  | 2,162        |
|                          |              | State of Good Repair          | 171          |
|                          |              | Contribution to Reserves      | 313          |
|                          |              | Contribution to System-wide   | 420          |
| <b>Total sources</b>     | <b>8,455</b> | <b>Total uses</b>             | <b>8,455</b> |

\*2017 – 2041 includes inflation. Note: Columns/rows may not add exactly due to rounding

## East King County subarea

### SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES

(Millions of year-of-expenditure dollars)\*

#### Projects

|   |         |     |       |  |         |     |       |
|---|---------|-----|-------|--|---------|-----|-------|
| <b>BUS RAPID TRANSIT</b> <ul style="list-style-type: none"> <li>• I-405 BRT from Snohomish County/King County line to Renton</li> <li>• SR 522 and NE 145th Street BRT (through Kenmore)</li> </ul>                   |         |     |       | <b>LINK LIGHT RAIL AND OTHER</b> <ul style="list-style-type: none"> <li>• Link light rail Redmond Technology Center to Downtown Redmond</li> <li>• Link light rail South Kirkland park and ride to Issaquah</li> <li>• Contribution to Downtown Seattle Light Rail Tunnel</li> <li>• System Access</li> </ul>  |         |     |       |
| Total Costs   | Capital | O&M | TOTAL | Total Costs  | Capital | O&M | TOTAL |
|   | 1,217   | 668 | 1,885 |  | 6,014   | 305 | 6,319 |
| <b>ST EXPRESS BUS</b> <ul style="list-style-type: none"> <li>• North Sammamish park and ride</li> <li>• Interim express bus service: 27,820 hours</li> <li>• Contribution towards bus maintenance facility</li> </ul> |         |     |       | <ul style="list-style-type: none"> <li>• Contribution to light rail vehicle fleet and Operations &amp; Maintenance base</li> <li>• Planning for the future                             <ul style="list-style-type: none"> <li>○ HCT/Environmental Study: Bothell to Bellevue</li> <li>○ HCT Study: West Seattle to Burien and Renton via Tukwila</li> <li>○ HCT Study: Northern Lake Washington</li> </ul> </li> </ul> |         |     |       |
| Total Costs   | Capital | O&M | TOTAL | Included in system-wide capital costs.   |         |     |       |
|   | 76      | 160 | 236   |  |         |     |       |

#### Sources and uses of funds

| SOURCES                  |               | USES                         |               |
|--------------------------|---------------|------------------------------|---------------|
| ST3 Tax Revenues         | 6,973         | Souder Commuter Rail Capital | -             |
| ST3 Grants - Federal     | 871           | Link Light Rail Capital      | 6,014         |
| Sound Move + ST2 Surplus | 1,606         | ST Express Bus Capital       | 76            |
| Bond Proceeds            | 422           | Bus Rapid Transit Capital    | 1,217         |
| Fares & Other Revenues   | 256           | Souder Commuter Rail O&M     | -             |
| Interest Earnings        | -             | Link Light Rail O&M          | 305           |
|                          |               | ST Express O&M               | 160           |
|                          |               | Bus Rapid Transit O&M        | 668           |
|                          |               | Debt Service                 | 400           |
|                          |               | State of Good Repair         | 440           |
|                          |               | Contribution to Reserves     | 106           |
|                          |               | Contribution to System-wide  | 742           |
| <b>Total sources</b>     | <b>10,128</b> | <b>Total uses</b>            | <b>10,128</b> |

\*2017 – 2041 includes inflation. Note: Columns/rows may not add exactly due to rounding.

## Pierce County subarea

### SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES

(Millions of year-of-expenditure dollars)\*

#### Projects

|  |         |     |       |   |         |     |       |
|--|---------|-----|-------|---|---------|-----|-------|
| <b>SOUNDER COMMUTER RAIL</b> <ul style="list-style-type: none"> <li>Sounder extension to DuPont</li> <li>Sounder South Capital Improvements Program</li> </ul>   |         |     |       | <b>LINK LIGHT RAIL AND OTHER</b> <ul style="list-style-type: none"> <li>Link light rail from King County/Pierce County line to Tacoma Dome Station</li> <li>Tacoma Link extension to Tacoma Community College</li> <li>Contribution to Downtown Seattle Light Rail Tunnel</li> <li>System Access</li> </ul>                               |         |     |       |
| Total Costs  | Capital | O&M | TOTAL | Total Costs   | Capital | O&M | TOTAL |
|  | 1,431   | 326 | 1,757 |   | 3,229   | 312 | 3,541 |
| <b>ST EXPRESS BUS</b> <ul style="list-style-type: none"> <li>Interim express bus service: 55,640 hours</li> <li>ST Express bus service improvements from Lakewood to Tacoma Dome</li> <li>Capital enhancements to improve bus speed and reliability between east Pierce County cities and Sumner Sounder station</li> <li>Bus capital enhancements for speed, reliability and convenience along Pacific Avenue/SR 7</li> <li>Contribution towards bus maintenance facility</li> <li>Bus on shoulder</li> </ul> |         |     |       | <ul style="list-style-type: none"> <li>Contribution to light rail vehicle fleet and Operations &amp; Maintenance base</li> <li>Planning for the future                             <ul style="list-style-type: none"> <li>HCT Study: Sumner to Orting Commuter Rail</li> <li>HCT Study: Tacoma Dome to Tacoma Mall</li> </ul> </li> </ul> |         |     |       |
| Total Costs  | Capital | O&M | TOTAL | Included in system-wide capital costs.  |         |     |       |
|  | 227     | 368 | 595   |   |         |     |       |

#### Sources and uses of funds

| SOURCES                  |              | USES                          |              |
|--------------------------|--------------|-------------------------------|--------------|
| ST3 Tax Revenues         | 5,203        | Sounder Commuter Rail Capital | 1,431        |
| ST3 Grants - Federal     | 677          | Link Light Rail Capital       | 3,229        |
| Sound Move + ST2 Surplus | 2,623        | ST Express Bus Capital        | 227          |
| Bond Proceeds            | 240          | Bus Rapid Transit Capital     | -            |
| Fares & Other Revenues   | 204          | Sounder Commuter Rail O&M     | 326          |
|                          |              | Link Light Rail O&M           | 312          |
|                          |              | ST Express O&M                | 368          |
|                          |              | Bus Rapid Transit O&M         | -            |
|                          |              | Debt Service                  | 184          |
|                          |              | State of Good Repair          | 81           |
|                          |              | Contribution to Reserves      | 31           |
|                          |              | Contribution to System-wide   | 2,759        |
| <b>Total sources</b>     | <b>8,947</b> | <b>Total uses</b>             | <b>8,947</b> |

\*2017 – 2041 includes inflation. Note: Columns/rows may not add exactly due to rounding.

## System-wide activities

### SUMMARY OF ESTIMATED ST3 PROGRAM COSTS AND REVENUES

(Millions of year-of-expenditure dollars)\*

#### Projects

| Notes |   | Capital      | O&M          | Total        |
|-------|---|--------------|--------------|--------------|
| 20    | LRT Vehicles                                    | 1,863        | 700          | 2,563        |
| 21    | LRT Bases                                       | 2,129        | -            | 2,129        |
| 22    | Downtown Seattle Tunnel light rail tunnel       | 30           | 2            | 32           |
| 23    | Innovation & Technology                         | 107          | -            | 107          |
| 24    | ST4 Planning                                    | 96           | -            | 96           |
| 25    | High Capacity Transit Studies                   | 84           | -            | 84           |
| 26    | Transit Oriented Development Planning Program   | 30           | -            | 30           |
|       | Agency Administration                           |              |              |              |
| 27    | ST3 Administration & Program Management         | 45           | 1,383        | 1,428        |
| 28    | Efficiency / Sustainability Fund                | -            | 25           | 25           |
| 29    | Emergency Loss Fund                             | -            | 50           | 50           |
| 30    | State Tax Collection Fees                       | -            | 172          | 172          |
| 31    | Puget Sound Taxpayers Accountability Fund       | -            | 518          | 518          |
| 32    | Regional Affordable Housing Revolving Loan Fund | -            | 20           | 20           |
| 33    | Fare Administration                             | 5            | 8            | 13           |
|       | <b>Total System-wide</b>                        | <b>4,389</b> | <b>2,878</b> | <b>7,267</b> |

### Sources and uses of funds

| SOURCES                  |       | USES                          |         |
|--------------------------|-------|-------------------------------|---------|
| ST3 Tax Revenues         | -     | Sounder Commuter Rail Capital | -       |
| ST3 Grants - Federal     | 583   | Link Light Rail Capital       | 4,022   |
| Sound Move + ST2 Surplus | 481   | ST Express Bus Capital        | -       |
| Bond Proceeds            | -     | Bus Rapid Transit Capital     | -       |
| Fares & Other Revenues   | 2     | System-wide Capital           | 367     |
| Interest Earnings        | 355   | Sounder Commuter Rail O&M     | -       |
| Total Sources            | 1,420 | Link Light Rail O&M           | 702     |
|                          |       | ST Express O&M                | -       |
|                          |       | Bus Rapid Transit O&M         | -       |
|                          |       | System-wide O&M               | 2,176   |
|                          |       | Debt Service                  | -       |
|                          |       | State of Good Repair          | -       |
|                          |       | Contribution to Reserves      | 52      |
|                          |       | Contribution to System-wide   | (5,899) |
|                          |       | Total Uses                    | 1,420   |

\*2017 – 2041 includes inflation.

Note: Columns/rows may not add exactly due to rounding.



## Financial Plan

The summary of the Financial Plan is included in Appendix A as the Sources and Uses of Funds by Subarea table. Additional financial plan information is provided in the System Plan (phasing of projects) and Appendix C (cost effectiveness, ridership, and cost of service). *“ST3 Cash Flows and Financing”* contains annual estimates for each of the components of the Sources and Uses Tables contained in Appendix A as well as additional financial forecasts and estimates for the period 2017-2060. A copy of *“ST3 Cash Flows and Financing”* can be obtained at the agency web site at [www.soundtransit.org](http://www.soundtransit.org).xxxxx

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## Notes to Appendix A

- 1 Revenues from new ST3 tax increases: 0.5% Sales & Use Tax, 0.8% Motor Vehicle Excise Tax, and \$0.25 / \$1,000 Assessed Value Property Tax.
- 2 Revenues from Sound Move & ST2 (taxes, grants and other miscellaneous revenues) in excess of what is necessary to support ongoing Sound Move and ST3 O&M and debt service.
- 3 Federal grants for ST3 capital program (FTA formula funding and full funding grant agreements).
- 4 Estimated net issuance of bonds for ST3 capital projects (par value less issuance costs).
- 5 Fares and other operating revenues from ST3 service.
- 6 Net interest earned on agency cash balances, attributed to fund system-wide costs per Sound Transit financial policies.
- 7 Capital expenditures for South Sounder Capital Improvements Program.
- 8 Capital expenditures for expansion of Link light rail system.
- 9 Capital expenditures for expansion of Sound Transit Express bus service.
- 10 Capital expenditures for implementation of Bus Rapid Transit service.
- 11 Capital expenditures for system-wide activities (Agency Administration, TOD Planning Program, Innovation Program, HCT Studies, Future System Planning, Fare Integration, Puget Sound Taxpayer Accountability Fund, Contribution to Regional Affordable Housing Revolving Loan Fund.
- 12 O&M expenses for new ST3 South Sounder Capital Improvements Program
- 13 O&M expenses for new ST3 Link light rail service.
- 14 O&M expenses for new Sound Transit Express bus service.
- 15 O&M expenses for new ST3 Bus Rapid Transit service.
- 16 Debt service (interest and principal) on bonds issued to fund ST3 capital projects.
- 17 State of Good Repair spending for mid-life refurbishment and end of life replacement of ST3 assets.
- 18 Contribution to reserves (O&M, bonds).
- 19 Contribution by subarea to system-wide activities, including General Fund change in cash.
- 20 Cost associated with the purchase and operation of ST3 light rail vehicles.

- 21 Cost for the construction and operation for ST3 light rail maintenance facilities
- 22 Downtown Seattle transit tunnel – represents 1.0% of project cost as determined by percent of ridership not allocated to subarea destinations.
- 23 This program would fund research, analysis, and implementation of innovative best practices, partnerships, and technologies to increase ridership, improve service, and enhance efficiency of regional mobility outside of new investments in large capital projects.
- 24 Costs of initial conceptual planning for ST4 program.
- 25 HCT studies including the following: Connections from Everett to North Everett; Northern Lake Washington; West Seattle to Burien and Renton via Tukwila; Bothell to Bellevue environmental study, Sumner to Orting commuter rail, Tacoma Dome to Tacoma Mall.
- 26 This program would fund TOD analysis and support beyond the planning phase of transit capital project development in anticipation of sale, lease, or transfer of surplus properties or air rights to third parties. All analysis and property disposition would be conducted in accordance with TOD Policy (Resolution No. R2012-4).
- 27 Costs of Sound Transit employees and related cost necessary to effectively manage ST3 capital and operating programs. Includes capital costs for office space and furnishings, non-revenue fleet vehicles and IT equipment and services.
- 28 Funding for cost efficiency programs at existing facilities (energy, water, waste conservation), renewable energy installations, green infrastructure and building pilot projects, and other resource conservation, pollution mitigation projects.
- 29 Reserves for uninsured capital and operating losses or emergency uses as authorized by the Board.
- 30 Costs paid to State of Washington for tax collection fees.
- 31 Senate Bill 5987 Sec. 422. A new section is added to chapter 81.112 RCW – “Beginning January 1, 2017, and until the requirements in subsection (4) of this section are met, a regional transit authority must pay to the department of revenue, for deposit into the Puget Sound taxpayer accountability account, a sales and use tax offset fee.  
(2) A sales and use tax offset fee is three and twenty-five one-hundredths percent of the total payments made by the regional transit authority to construction contractors on construction contracts that are (a) for new projects identified in the system plan funded by any proposition approved by voters after January 1, 2015, and (b) excluded from the definition of retail sale under RCW 82.04.050(10).  
(4) A sales and use tax offset fee is due until the regional transit authority has paid five hundred eighteen million dollars.”

- 32 Senate Bill 5987 Sec. 329. A new section is added to chapter 81.104 RCW to read as follows:  
“The regional transit authority must contribute at least four million dollars each year for five consecutive years beginning within three years of voter approval of the system plan to a revolving loan fund to support the development of affordable housing opportunities related to equitable transit-oriented development within the boundaries of the regional transit authority”
- 33 Cost for Sound Transit’ share of ST3 related regional fare collection system and related fare system management costs.

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