Appendix A:
Detailed Description of Facilities and Estimated Costs

Sound Transit 2
A Mass Transit Guide
The Regional Transit System Plan for Central Puget Sound

July 2008
Table of contents

Sound Transit 2 Plan map ........................................ A-2

Total agency
Summary of estimated ST2 program costs and revenues. .......... A-3
Total sources/uses of funds ....................................... A-4

Snohomish County subarea
Snohomish County subarea map ................................ A-6
Summary of estimated ST2 program costs and revenues .......... A-7

North King County subarea
North County subarea map ......................................... A-8
Summary of estimated ST2 program costs and revenues .......... A-9

East King County subarea
East King County subarea map ..................................... A-10
Summary of estimated ST2 program costs and revenues .......... A-11

South King County subarea
South County subarea map ......................................... A-12
Summary of estimated ST2 program costs and revenues .......... A-13

Pierce County subarea
Pierce County subarea map .......................................... A-14
Summary of estimated ST2 program costs and revenues .......... A-15

System-wide activities
Summary of estimated ST2 program costs and revenues .......... A-16

Notes to financial plan ............................................ A-16

Adopted by Sound Transit Board, 7/24/08
Sound Transit plans, builds, and operates regional transit systems and services to improve mobility for Central Puget Sound.

— Sound Transit mission statement
Total agency

SUMMARY OF ESTIMATED ST2 PROGRAM COSTS AND REVENUES
(Millions of year-of-expenditure dollars)*

Projects

SOUNDER COMMUTER RAIL
- Permanent stations at Edmonds and Tukwila
- Station access projects at Mukilteo, Auburn, Sumner, Puyallup, Tacoma, South Tacoma and Lakewood
- 8-car platform extensions – Sounder South
- Expanded service and fleet – Sounder South
- Track and structure upgrades in Tacoma
- Yard and shops facility

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>1,101</td>
<td>206</td>
<td>1,307</td>
</tr>
</tbody>
</table>

ST EXPRESS BUS
- Approximately 100,000 additional ongoing annual service hours beginning in 2009
- Operating savings from service reinvestment in response to Link light rail operation
- Bus fleet expansion
- Bus maintenance capacity expansion
- Contribution to Bothell and Burien parking/transit facilities

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>344</td>
<td>232</td>
<td>576</td>
</tr>
</tbody>
</table>

LINK LIGHT RAIL AND OTHER
- North corridor extension from University of Washington to Lynnwood
- East corridor extension from International District to Overlake Transit Center
- South corridor extension from SeaTac/Airport to Redondo/Star Lake
- Fleet, maintenance facilities and annual operation
- Contribution to First Hill Link Connector
- Contribution to Tacoma Link expansion
- Contribution to passenger rail partnership on Eastside BNSF
- Environmental review and preliminary engineering from Redondo/Star Lake to Tacoma
- Right-of-way preservation: Redondo/Star Lake to Tacoma

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>11,821</td>
<td>292</td>
<td>12,113</td>
</tr>
</tbody>
</table>

SYSTEM-WIDE ACTIVITIES
- Agency administration and insurance, ST3 planning, LRT and HCT planning studies, fare integration, research & technology

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>153</td>
<td>1,141</td>
<td>1,294</td>
</tr>
</tbody>
</table>

Sources and uses of funds

SOURCES
- Sound Move surplus 2,301
- ST2 taxes 7,752
- Federal grants 895
- Bonds 6,522
- Fares and other operating revenues 219
- Interest earnings 143
- Total sources 17,832

USES
- Sounder commuter rail capital 1,101
- ST Express bus capital 344
- Link light rail capital 11,821
- System-wide capital 153
- Sounder commuter rail O&M 206
- ST Express bus O&M 232
- Link light rail O&M 292
- System-wide O&M 1,141
- Debt service 1,835
- Contribution to reserves 708
- Total uses 17,832

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.
Appendix A: Detailed Description of Facilities and Estimated Costs

TOTAL SOURCES/USES OF FUNDS – $17,832
(Millions of year-of-expenditure dollars)*

SOURCES OF FUNDS

- Bonds
- Federal grants
- ST2 sales tax
- Sound Move surplus
- Farebox & other

USES OF FUNDS

- Link light rail capital
- ST Express bus capital
- Sounder commuter rail capital
- Reserves
- Debt service
- System-wide
- Operations & Maintenance

SOURCES/USES BY SUBAREA

- Pierce
- Snohomish
- North King
- East King
- South King

*2009-2023, includes inflation.
## Sources of funds

<table>
<thead>
<tr>
<th>Notes</th>
<th>Snohomish</th>
<th>North King</th>
<th>South King</th>
<th>East King</th>
<th>Pierce</th>
<th>System-wide</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sound Move surplus</td>
<td>463</td>
<td>110</td>
<td>69</td>
<td>1,271</td>
<td>387</td>
<td>2,301</td>
</tr>
<tr>
<td>2</td>
<td>ST2 taxes</td>
<td>977</td>
<td>2,079</td>
<td>1,374</td>
<td>2,045</td>
<td>1,278</td>
<td>7,752</td>
</tr>
<tr>
<td>3</td>
<td>Federal grants</td>
<td>57</td>
<td>481</td>
<td>81</td>
<td>203</td>
<td>74</td>
<td>895</td>
</tr>
<tr>
<td>4</td>
<td>Bonds</td>
<td>437</td>
<td>1,689</td>
<td>1,361</td>
<td>2,801</td>
<td>234</td>
<td>6,522</td>
</tr>
<tr>
<td>5</td>
<td>Fares &amp; other operating revenues</td>
<td>21</td>
<td>60</td>
<td>19</td>
<td>39</td>
<td>80</td>
<td>219</td>
</tr>
<tr>
<td>6</td>
<td>Interest</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>143</td>
<td>143</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL SOURCES</strong></td>
<td><strong>1,955</strong></td>
<td><strong>4,420</strong></td>
<td><strong>2,903</strong></td>
<td><strong>6,359</strong></td>
<td><strong>2,053</strong></td>
<td><strong>143</strong></td>
</tr>
</tbody>
</table>

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.
See page A-16 for notes to line items.

## Uses of funds

<table>
<thead>
<tr>
<th>Notes</th>
<th>Snohomish</th>
<th>North King</th>
<th>South King</th>
<th>East King</th>
<th>Pierce</th>
<th>System-wide</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Capital expenditures</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Sounder commuter rail</td>
<td>93</td>
<td>121</td>
<td>887</td>
<td></td>
<td>1,101</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>ST Express bus</td>
<td>58</td>
<td>110</td>
<td>119</td>
<td>58</td>
<td>344</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Link light rail</td>
<td>1,473</td>
<td>3,453</td>
<td>2,061</td>
<td>4,568</td>
<td>265</td>
<td>11,821</td>
</tr>
<tr>
<td>10</td>
<td>System-wide</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>153</td>
<td>153</td>
</tr>
<tr>
<td></td>
<td><strong>Total Capital</strong></td>
<td><strong>1,623</strong></td>
<td><strong>3,453</strong></td>
<td><strong>2,292</strong></td>
<td><strong>4,687</strong></td>
<td><strong>1,210</strong></td>
<td><strong>153</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Operations &amp; maintenance expenditures</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Sounder commuter rail</td>
<td>1</td>
<td>4</td>
<td>202</td>
<td></td>
<td>206</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>ST Express bus</td>
<td>77</td>
<td>27</td>
<td>83</td>
<td>45</td>
<td>232</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Link light rail</td>
<td>32</td>
<td>116</td>
<td>31</td>
<td>113</td>
<td>292</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>System-wide</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,141</td>
<td>1,141</td>
</tr>
<tr>
<td></td>
<td><strong>Total O&amp;M</strong></td>
<td><strong>110</strong></td>
<td><strong>116</strong></td>
<td><strong>62</strong></td>
<td><strong>196</strong></td>
<td><strong>247</strong></td>
<td><strong>1,141</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Other</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Debt service</td>
<td>31</td>
<td>415</td>
<td>238</td>
<td>786</td>
<td>366</td>
<td>1,835</td>
</tr>
<tr>
<td>16</td>
<td>Contribution to reserves</td>
<td>46</td>
<td>127</td>
<td>108</td>
<td>386</td>
<td>40</td>
<td>708</td>
</tr>
<tr>
<td>17</td>
<td>Contribution to system-wide</td>
<td>145</td>
<td>308</td>
<td>204</td>
<td>303</td>
<td>190</td>
<td>(1,150)</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL USES</strong></td>
<td><strong>1,955</strong></td>
<td><strong>4,420</strong></td>
<td><strong>2,903</strong></td>
<td><strong>6,359</strong></td>
<td><strong>2,053</strong></td>
<td><strong>143</strong></td>
</tr>
</tbody>
</table>
Appendix A: Detailed Description of Facilities and Estimated Costs
**Snohomish County subarea**

**SUMMARY OF ESTIMATED ST2 PROGRAM COSTS AND REVENUES**
(Millions of year-of-expenditure dollars)*

---

### Projects

#### Sounder Commuter Rail
- Mukilteo Station access project
- Permanent Edmonds Station
- Yard and shops facility contribution

<table>
<thead>
<tr>
<th></th>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>93</td>
<td>1</td>
<td>94</td>
</tr>
</tbody>
</table>

#### ST Express Bus
- Approximately 29,000 additional ongoing annual service hours
- Operating savings in response to Link light rail operation
- Contribution to bus fleet expansion
- Contribution to bus maintenance capacity expansion

<table>
<thead>
<tr>
<th></th>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>58</td>
<td>77</td>
<td>135</td>
</tr>
</tbody>
</table>

#### Link Light Rail and Other
- Extension from N. 185th Street in Shoreline to Lynnwood with stations at Mountlake Terrace and Lynnwood Transit Center
- Contribution to system maintenance capacity, fleet and annual operation

<table>
<thead>
<tr>
<th></th>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>1,473</td>
<td>32</td>
<td>1,505</td>
</tr>
</tbody>
</table>

#### Planning for the Future
- Light rail planning study from Lynnwood to Everett

- Included in system-wide costs

---

### Sources and uses of funds

#### Sources
- Sound Move surplus: 463
- ST2 taxes: 977
- Federal grants: 57
- Bonds: 437
- Fares and other operating revenues: 21

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total sources</td>
<td>1,955</td>
</tr>
</tbody>
</table>

#### Uses
- Sounder commuter rail capital: 93
- ST Express bus capital: 58
- Link light rail capital: 1,473
- Sounder commuter rail O&M: 1
- ST Express bus O&M: 77
- Link light rail O&M: 32
- Debt service: 31
- Contribution to reserves: 46
- Contribution to system-wide: 145

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total uses</td>
<td>1,955</td>
</tr>
</tbody>
</table>

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.

---

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

North King County subarea

LEGEND

**Link light rail**
- Extension: new service and station
- Planning, environmental, design, and potential right-of-way purchase
- Existing light rail — UW to SeaTac

**Sounder commuter rail**
- New/improved service or station
- Provisional station subject to funding availability
- Existing commuter rail service

**ST Express regional bus**
- New/improved service
- New bus rapid transit (BRT) service or station
- Existing bus service

**Other supporting investments**
- Regional transit partnership contribution
- First Hill Link connector
North King County subarea

SUMMARY OF ESTIMATED ST2 PROGRAM COSTS AND REVENUES
(Millions of year-of-expenditure dollars)*

Projects

SOUNDER COMMUTER RAIL
- Provisional stations: Ballard and Broad Street

LINK LIGHT RAIL AND OTHER
- Extension from University of Washington Station to N. 185th Street with stations at Brooklyn, Roosevelt, Northgate, 145th/Jackson Park and Shoreline
- Rainier Station
- Contribution to system maintenance capacity, fleet and annual operation
- Contribution to First Hill Link Connector

<table>
<thead>
<tr>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>3,453</td>
<td>116</td>
</tr>
</tbody>
</table>

PLANNING FOR THE FUTURE
- Light rail planning study from University District to Ballard to Downtown Seattle
- Light rail planning study from Burien to West Seattle to Downtown Seattle (with South King subarea)

Sources and uses of funds

SOURCES
- Sound Move surplus 110
- ST2 taxes 2,079
- Federal grants 481
- Bonds 1,689
- Fares and other operating revenues 60

<table>
<thead>
<tr>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total sources 4,420</td>
</tr>
</tbody>
</table>

USES
- Sounder commuter rail capital
- ST Express bus capital
- Link light rail capital 3,453
- Sounder commuter rail O&M
- ST Express bus O&M
- Link light rail O&M 116
- Debt service 415
- Contribution to reserves 127
- Contribution to system-wide 308

<table>
<thead>
<tr>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total uses 4,420</td>
</tr>
</tbody>
</table>

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.
Appendix A: Detailed Description of Facilities and Estimated Costs
East King County subarea

SUMMARY OF ESTIMATED ST2 PROGRAM COSTS AND REVENUES
(Millions of year-of-expenditure dollars)*

Projects

ST EXPRESS BUS
- Contribution to Bothell parking/transit facility
- Approximately 49,000 additional ongoing annual service hours
- Operating savings from service reinvestment in response to rail operation
- Contribution to bus fleet expansion
- Contribution to bus maintenance capacity expansion

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>119</td>
<td>83</td>
<td>202</td>
</tr>
</tbody>
</table>

LINK LIGHT RAIL AND OTHER
- Extension from International District Station to Overlake Transit Center with stations at Mercer Island, South Bellevue, Downtown Bellevue, Overlake Hospital, the Bel-Red corridor, Overlake Village and Overlake Transit Center. Costs reflect an aerial alignment through Bellevue. The Sound Transit Board will select a preferred alternative after completing environmental review.
- Environmental review and preliminary engineering from Overlake Transit Center to Downtown Redmond
- Contribution to system maintenance capacity, fleet and annual operation
- Contribution to potential passenger rail partnership on the Eastside BNSF corridor, subject to completion of state-directed feasibility analysis and Sound Transit review and approval

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total costs</td>
<td>4,568</td>
<td>113</td>
<td>4,681</td>
</tr>
</tbody>
</table>

PLANNING FOR THE FUTURE
- Light rail planning study from Redmond to Kirkland to University of Washington in the SR 520 corridor
- Light rail planning study from South Bellevue to Issaquah
- Bus rapid transit planning study in the I-405 corridor

<table>
<thead>
<tr>
<th></th>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Included in system-wide costs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sources and uses of funds

SOURCES

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Move surplus</td>
<td>1,271</td>
</tr>
<tr>
<td>ST2 taxes</td>
<td>2,045</td>
</tr>
<tr>
<td>Federal grants</td>
<td>203</td>
</tr>
<tr>
<td>Bonds</td>
<td>2,801</td>
</tr>
<tr>
<td>Fares and other operating revenues</td>
<td>39</td>
</tr>
<tr>
<td>Total sources</td>
<td>6,359</td>
</tr>
</tbody>
</table>

USES

<table>
<thead>
<tr>
<th>Use</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sounder commuter rail capital</td>
<td></td>
</tr>
<tr>
<td>ST Express bus capital</td>
<td>119</td>
</tr>
<tr>
<td>Link light rail capital</td>
<td>4,568</td>
</tr>
<tr>
<td>Sounder commuter rail O&amp;M</td>
<td></td>
</tr>
<tr>
<td>ST Express bus O&amp;M</td>
<td>83</td>
</tr>
<tr>
<td>Link light rail O&amp;M</td>
<td>113</td>
</tr>
<tr>
<td>Debt service</td>
<td>786</td>
</tr>
<tr>
<td>Contribution to reserves</td>
<td>386</td>
</tr>
<tr>
<td>Contribution to system-wide</td>
<td>303</td>
</tr>
<tr>
<td>Total uses</td>
<td>6,359</td>
</tr>
</tbody>
</table>

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.
Appendix A: Detailed Description of Facilities and Estimated Costs

Link light rail
- Extension: new service and station
- Planning, environmental, design, and potential right-of-way purchase
- Existing light rail — UW to SeaTac

Sounder commuter rail
- New/improved service or station
- Provisional station subject to funding availability
- Existing commuter rail service

ST Express regional bus
- New/improved service
- New bus rapid transit (BRT) service or station
- Existing bus service

Other supporting investments
- Regional transit partnership contribution
- First Hill Link connector

Legend

South King County subarea
## South King County subarea

**SUMMARY OF ESTIMATED ST2 PROGRAM COSTS AND REVENUES**
(Millions of year-of-expenditure dollars)*

### Projects

#### SOUNDER COMMUTER RAIL
- Permanent Tukwila Station
- Kent Station access project
- Auburn Station access project
- 8-car platform extensions

<table>
<thead>
<tr>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total costs</strong></td>
<td>121</td>
<td>4</td>
</tr>
</tbody>
</table>

#### ST EXPRESS BUS
- Contribution to Burien parking/transit facility
- Approximately 7,000 additional ongoing annual service hours
- Operating savings from service reinvestment in response to rail operation
- Contribution to bus fleet expansion
- Contribution to bus maintenance capacity expansion

<table>
<thead>
<tr>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total costs</strong></td>
<td>110</td>
<td>27</td>
</tr>
</tbody>
</table>

#### LINK LIGHT RAIL AND OTHER
- Extension from SeaTac/Airport Station to Redondo/Star Lake with stations at South 200th, Highline Community College and Redondo/Star Lake
- Contribution to system maintenance capacity, fleet and annual operation

<table>
<thead>
<tr>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total costs</strong></td>
<td>2,061</td>
<td>31</td>
</tr>
</tbody>
</table>

#### PLANNING FOR THE FUTURE
- Light rail planning study from Burien to West Seattle to Downtown Seattle (with North King subarea)
- Light rail planning study from Burien to Renton

<table>
<thead>
<tr>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Included in system-wide costs</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Sources and uses of funds

#### SOURCES

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Move surplus</td>
<td>69</td>
</tr>
<tr>
<td>ST2 taxes</td>
<td>1,374</td>
</tr>
<tr>
<td>Federal grants</td>
<td>81</td>
</tr>
<tr>
<td>Bonds</td>
<td>1,361</td>
</tr>
<tr>
<td>Fares and other operating revenues</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total sources</strong></td>
<td>2,903</td>
</tr>
</tbody>
</table>

#### USES

<table>
<thead>
<tr>
<th>Use</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sounder commuter rail capital</td>
<td>121</td>
</tr>
<tr>
<td>ST Express bus capital</td>
<td>110</td>
</tr>
<tr>
<td>Link light rail capital</td>
<td>2,061</td>
</tr>
<tr>
<td>Sounder commuter rail O&amp;M</td>
<td>4</td>
</tr>
<tr>
<td>ST Express bus O&amp;M</td>
<td>27</td>
</tr>
<tr>
<td>Link light rail O&amp;M</td>
<td>31</td>
</tr>
<tr>
<td>Debt service</td>
<td>238</td>
</tr>
<tr>
<td>Contribution to reserves</td>
<td>108</td>
</tr>
<tr>
<td>Contribution to system-wide</td>
<td>204</td>
</tr>
<tr>
<td><strong>Total uses</strong></td>
<td>2,903</td>
</tr>
</tbody>
</table>

---

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.
Appendix A: Detailed Description of Facilities and Estimated Costs

Link light rail
- Extension: new service and station
- Planning, environmental, design, and potential right-of-way purchase
- Existing light rail — UW to SeaTac

Sounder commuter rail
- New/improved service or station
- Provisional station subject to funding availability
- Existing commuter rail service

ST Express regional bus
- New/improved service
- New bus rapid transit (BRT) service or station
- Existing bus service

Other supporting investments
- Regional transit partnership contribution
- First Hill Link connector

LEGEND
Appendix A

Summary of Estimated ST2 Program Costs and Revenues
(Millions of year-of-expenditure dollars)*

Projects

**Sounder Commuter Rail**
- Expanded service and fleet
- Sumner Station access project
- Puyallup Station access project
- Tacoma Dome Station access project
- South Tacoma Station access project
- Lakewood Station access project
- Track and structure upgrades in Tacoma
- 8-car platform extensions
- Yard and shops facility contribution

<table>
<thead>
<tr>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>887</td>
<td>202</td>
<td>1,089</td>
</tr>
</tbody>
</table>

**ST Express Bus**
- Approximately 15,000 additional ongoing annual service hours
- Operating savings from service reinvestment in response to rail operation
- Contribution to bus fleet expansion
- Contribution to bus maintenance capacity expansion

<table>
<thead>
<tr>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>58</td>
<td>45</td>
<td>103</td>
</tr>
</tbody>
</table>

**Link Light Rail and Other**
- Environmental review and preliminary engineering from Redondo/Star Lake to Tacoma Dome
- Right-of-way preservation
- Contribution to Tacoma Link expansion
- Contribution to system maintenance capacity, fleet and annual operation

<table>
<thead>
<tr>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>265</td>
<td>0</td>
<td>265</td>
</tr>
</tbody>
</table>

Sources and uses of funds

**Sources**
- Sound Move surplus 387
- ST2 taxes 1,278
- Federal grants 74
- Bonds 234
- Fares and other operating revenues 80
- Total sources 2,053

**Uses**
- Sounder commuter rail capital 887
- ST Express bus capital 58
- Link light rail capital 265
- Sounder commuter rail O&M 202
- ST Express bus O&M 45
- Link light rail O&M 366
- Debt service 40
- Contribution to reserves 190
- Contribution to system-wide 190
- Total uses 2,053

*2009-2023, includes inflation.
Note: Columns/rows may not add exactly due to rounding.
System-wide activities

SUMMARY OF ESTIMATED ST2 PROGRAM COSTS AND REVENUES
(Millions of year-of-expenditure dollars)*

Projects

<table>
<thead>
<tr>
<th>CAPITAL</th>
<th>O&amp;M</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fare integration</td>
<td>28</td>
<td>28</td>
</tr>
<tr>
<td>Research and technology</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Insurance</td>
<td>94</td>
<td>94</td>
</tr>
<tr>
<td>ST3 planning</td>
<td>82</td>
<td>82</td>
</tr>
<tr>
<td>Agency administration</td>
<td>48</td>
<td>887</td>
</tr>
<tr>
<td>System Access Program</td>
<td>105</td>
<td>105</td>
</tr>
<tr>
<td>Total costs</td>
<td>153</td>
<td>1,141</td>
</tr>
</tbody>
</table>

Sources and uses of funds

SOURCES

System-wide capital   153
System-wide O&M   1,141
Debt service
Contribution to reserves
Contribution to system-wide (1,150)
Total uses 143

USES

Sound Move surplus
ST2 taxes
Federal grants
Bonds
Fares and other operating revenues
Interest earnings 143
Total sources 143

NOTES TO FINANCIAL PLAN
(page A-5)

1 Revenues from Sound Move (taxes, grants, fares and other miscellaneous revenues) in excess of what is necessary to support Sound Move O&M and debt service.
2 Revenues from new ST2 0.5% sales and use tax increase.
3 Federal grants for ST2 capital programs (FTA formula and full funding grant agreements).
4 Estimated net issuance of bonds for ST2 capital projects (par less issuance costs).
5 Fares and other operating revenues from ST2 service.
6 Net interest on agency cash balances, attributed per financial policies first to fund system-wide costs.
7 Capital costs for expansion of the Sounder commuter rail system.
8 Capital costs for expansion of the ST Express bus system.
9 Capital costs for expansion of the Link light rail system.
10 Capital expenditures for system-wide activities (administration, System Access Program).
11 O&M costs for new service for the Sounder commuter rail system.
12 O&M costs for new service for the ST Express bus system.
13 O&M costs for new service for the Link light rail system.
14 O&M expenditures for system-wide activities (administration, fare integration, research and technology, insurance, ST3 planning).
15 Debt service (interest and principal) on bonds issued for ST2 capital projects.
16 Contribution to reserves (O&M, bonds, capital replacement and ending cash balances).
17 Contribution by subareas to system-wide costs.

*2009-2023, includes inflation
Note: Columns/rows may not add exactly due to rounding.
2008 SOUND TRANSIT BOARD

Chair
Greg Nickels
Seattle Mayor

Vice Chairs
Aaron Reardon
Snohomish County Executive
Claudia Thomas
Lakewood Councilmember

Boardmembers
Julie Anderson
Tacoma Councilmember
Mary-Alyce Burleigh
Kirkland Councilmember
Fred Butler
Issaquah Deputy Council President
Richard Conlin
Seattle Council President
Dow Constantine
King County Council Vice Chair
Deanna Dawson
Edmonds Councilmember
Dave Enslow
Sumner Mayor
Paula J. Hammond, P.E.
Washington Secretary of Transportation
John W. Ladenburg
Pierce County Executive
John Marchione
Redmond Mayor
Julia Patterson
King County Council Chair
Larry Phillips
King County Councilmember
Paul Roberts
Everett Councilmember
Ron Sims
King County Executive
Peter von Reichbauer
King County Councilmember

SOUND TRANSIT
Joni Earl
Chief Executive Officer

For information in alternative formats call 1-800-201-4900 / 1-888-713-6030 TTY or e-mail accessibility@soundtransit.org.

For information about Sound Transit projects or services visit us online at www.soundtransit.org or call 1-800-201-4900 / 1-888-713-6030 TTY. To receive e-mail updates for Sound Transit’s bus or rail service, projects, or other information, subscribe online at www.soundtransit.org.

This document was printed by a Forest Stewardship Council (FSC) certified printer on recycled paper.