

Sound Transit Financial Model

Dashboard
September 21, 2016
Current Scenario Selected: Fully Integrated with ST2



Scenario Selection

ST2/ST3 Planning Model Version	STFM 2016 V7 C
Early Principal Redemption	Yes

Defeasance Analysis - Summary of Assumptions & Results

	Amount	Year
Capital Program End Date		2041
Early Principal Redemption Begins		2042
Early Principal Redemption Ends		2047
First Sales Tax Reduction Year		2048
Total Amount of Early Principal Redemption	\$11,173,285	2042-2047
Total Amount of Callable Debt in First Year of Early Principal Redemption	\$12,963,034	2042

Sales Tax Reduction Based on Total Available Cash Flow

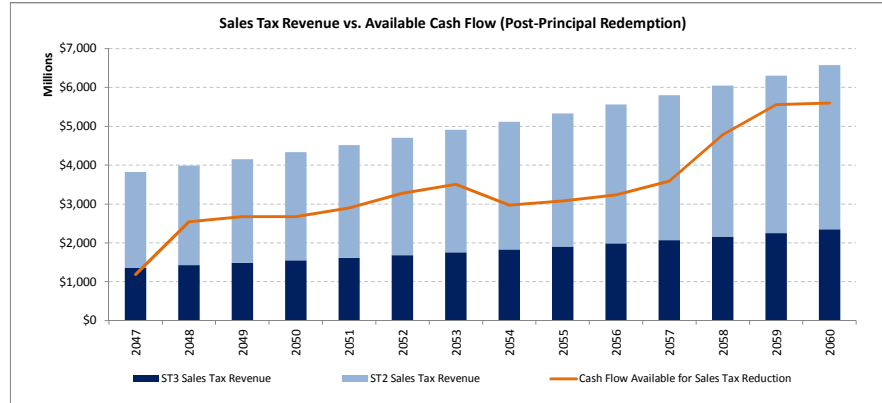
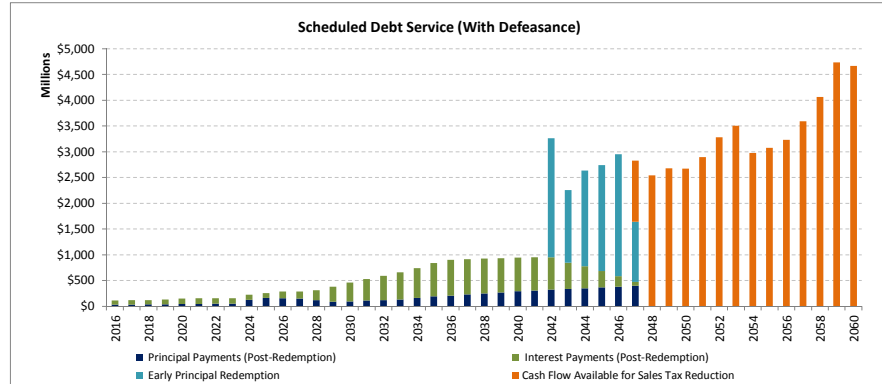
	Amount	Year
Available Cash Flow in First Year Following Full Defeasance	\$2,540,803	2048
ST3 Sales Tax Revenue in First Year Following Full Defeasance	\$1,423,503	2048
Debt Service Reduction as % of ST3 Sales Tax First Year Following Full Defeasance	178.5%	2048
Total Sales Tax Revenue in First Year Following Full Defeasance	\$3,985,808	2048
Available Cash Flow as % of Total Sales Tax First Year Following Full Defeasance	63.7%	2048
Post-Defeasance Sales Tax Rate	0.51%	2048+

Total Tax Reduction Based on Total Available Cash Flow

	Amount	Year
Total Tax Revenue in First Year Following Full Defeasance	\$4,687,081	2048
Available Cash Flow as % of Total Tax First Year Following Full Defeasance	54.2%	2048

Additional Assumptions:

- Principal outstanding fully defeased before sales tax reduction
- Assumes future bonds are redeemed 10 years after the call date and TIFIA loans are callable at any time
- Interest calculation after start of early principal redemption assumes weighted avg. interest rate (i.e. assumes principal is redeemed pro-rata, rather than highest cost debt defeased first)
- Additional cash flow for early redemption in 2042 of \$959MM - reflects general fund balance less \$5MM



	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052
SOURCES													
ST2 Sales Tax Revenue	1,837,266	1,915,210	1,996,477	2,081,210	2,169,558	2,261,677	2,357,727	2,457,878	2,562,305	2,671,193	2,784,732	2,903,123	3,026,574
ST3 Sales Tax Revenue	1,020,704	1,064,005	1,109,154	1,156,228	1,205,310	1,256,487	1,309,848	1,365,488	1,423,503	1,483,996	1,547,073	1,612,846	1,681,430
Other Tax Revenue	543,123	560,455	578,429	597,071	616,407	636,466	657,276	678,868	701,273	724,524	748,655	773,702	799,702
Fare Revenue (ST2+ST3)	381,420	395,232	399,583	411,358	427,012	462,202	470,293	477,770	485,740	493,105	524,195	537,379	544,938
New Starts/Formula Grant Revenue	258,250	262,375	226,517	165,868	148,206	140,604	141,201	141,803	142,411	143,025	143,646	144,272	144,905
TIFIA Proceeds (East Link + MCA)	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Earnings	27,609	29,391	44,847	25,667	25,717	25,799	25,863	25,932	50,263	102,175	157,872	214,613	276,863
Other Revenue	6,845	7,096	7,221	7,349	7,481	7,615	7,752	7,893	8,037	8,184	8,335	8,489	8,646
Total Sources	4,075,217	4,233,765	4,362,228	4,444,751	4,599,693	4,790,850	4,969,961	5,155,631	5,373,532	5,626,202	5,914,507	6,194,423	6,483,057
USES													
Capital Projects	817,314	239,290	78,256	6,759	6,933	7,111	7,388	7,576	10,733	10,938	11,107	11,312	8,469
O&M	1,307,009	1,361,000	1,362,098	1,396,410	1,438,257	1,475,927	1,516,262	1,562,010	1,609,111	1,654,399	1,699,610	1,746,989	1,791,810
Rehab and Replacement	910,262	904,068	615,393	777,409	510,110	557,369	487,391	725,174	1,154,772	1,172,569	1,363,021	1,319,667	1,119,289
O&M Reserve Contribution	7,487	8,998	1,108	5,719	6,975	6,278	6,722	7,625	7,850	7,548	7,535	7,897	7,470
Capital Reserve Contribution	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Uses (Excluding Debt Service and Early Principal Redemption)	3,042,071	2,513,355	2,056,856	2,186,296	1,962,274	2,046,686	2,017,762	2,302,385	2,782,466	2,845,454	3,081,273	3,085,864	2,927,039
Cash Flow Available for Debt Service	1,033,146	1,720,410	2,305,372	2,258,454	2,637,419	2,744,164	2,952,198	2,853,246	2,591,066	2,780,748	2,833,234	3,108,559	3,556,019
Scheduled Debt Service	(947,130)	(949,579)	(953,679)	(844,026)	(775,913)	(686,797)	(588,228)	(475,439)	-	-	-	-	-
Additional Cash Flow for Early Principal Redemption	-	-	959,019	-	-	0	0	0	-	-	-	-	-
Cash Flow Available for Early Principal Redemption	86,016	770,830	2,310,512	1,414,428	1,861,505	2,057,366	2,363,971	2,377,807	2,591,066	2,780,748	2,833,234	3,108,559	3,556,019
Early Principal Redemption	-	-	2,310,512	1,414,428	1,861,505	2,057,366	2,363,971	1,165,502	-	-	-	-	-
Cash Flow Available for Sales Tax Reduction	-	-	-	-	-	-	-	1,212,305	2,591,066	2,780,748	2,833,234	3,108,559	3,556,019