

# **Asset Liability Management Report**

#### 1Q 2024

#### Performance Indicators and Key Measures

#### Cash, Investment and Debt Balances - Book Value (\$M)

Restricted Cash and Investments 712.5 Unrestricted Cash and Investments 4,469.6 **Total Cash and Investments** 5,182.1

Total Outstanding Debt – Par Value 3,475.3



Above Average

Prior quarter: Above Average

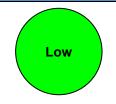
Interest earnings exceeded budget for Q1 2024.

#### **Key Measures**

Interest income of \$54.1M was \$19.6M above Q1 budget of \$34.5M. Note, excludes unrealized gains and losses.

Book yield for the unrestricted ST investment portfolio is 4.78%.

#### INTEREST RATE RISK



Prior quarter: Low

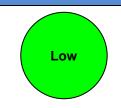
The current long-term rate for tax exempt bonds and blended rate for outstanding debts are below the assumed borrowing rate in the financial plan.

#### **Key Measures**

The blended ST interest cost is 2.47%. The current assumed rate in the financial plan is 4% through 2024 and 5.3% from 2025 to 2041.

The blended investment yield is 4.70% versus the variable debt rate of 3.60% in 1Q 2024.

## CREDIT RISK



Prior quarter: Low

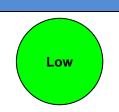
Agency is well diversified against counterparty credit risk. Investment portfolios are within policy parameters.

#### **Key Measures**

All investment portfolios are in compliance with policy limits. Credit risk exposure is low.

There were no credit rating actions that negatively impacted the investment portfolio during the quarter.

## LIQUIDITY RISK



Prior quarter: Low

Agency cash and investment balances are sufficient to meet all known funding and reserve requirements.

#### **Key Measures**

All reserves are fully funded to date.

Current liquidity meets policy requirement.

#### 1Q 2024 ALM Overview

#### **Key Items**

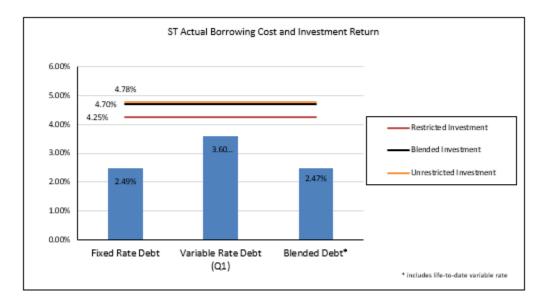
The investment portfolio remains conservatively positioned and has weathered the market volatility well. The portfolio continues to selectively add high-quality municipal, agency, and corporate securities when the market provides an attractive entry point. A key focus continues to be maintaining liquidity in support of the realigned plan.

Sound Transit continuously monitors the markets and seeks opportunities to decrease costs and create financial capacity. Actions are proposed if they are financially beneficial to the agency and its program as a whole. The Agency moved \$200 million from our short term LGIP investment to our longer dated Core portfolio in Q1. The Agency also invested another \$25 million to support ST's community impact program and anticipates investing an additional \$10 million in Q2.

#### **Market Environment**

The market continued to fluctuate in anticipation of interest rate changes. Fixed income markets had initially priced up to 150 basis points of Fed easing during the year which would lower the fed funds rate from a range of 5.25%-5.50% to 3.75%-4.00% by the end of 2024. Such a significant repricing of the fed funds rate would have far-reaching consequences for fixed income markets as well as provide a strong stimulant to risk assets such as equities, real estate, and commodities. However, market participants tempered their expectations as yields pushed higher in Q1 as showcased by the two-year Treasury note, which advanced by 37 basis points to finish the quarter at 4.62%.

#### **Actual Borrowing Rate versus Investment Rate**



## **Current Tax-Exempt Borrowing Rates**

- Current 30 year fixed at 4.07%
- Current variable rate at 3.83%. Q4 SIFMA avg of 3.32% + LOC Cost of 0.45% + Rmktg Fee of 0.06%

# **Cash, Investment and Debt Balances**

## **ALM Position (\$M)**

Balance and Duration	Value (\$M)	Interest Rate	Duration/Avg. Life (Year)	Benchmark Duration (Year)
Assets (Cash/Investments)				
Restricted	712.5	4.25%	1.68	NA
Unrestricted	4,469.6	4.78%	1.02	0.97
Assets (Cash/Investments) total	5,182.1	4.70%	1.11	
Liabilities (Debt)				
Fixed-Rate	(3,400.3)	2.49%		
Variable-Rate	(75.0)	1.44%		
Liabilities (Debt) total	(3,475.3)	2.47%	20.93	19.60

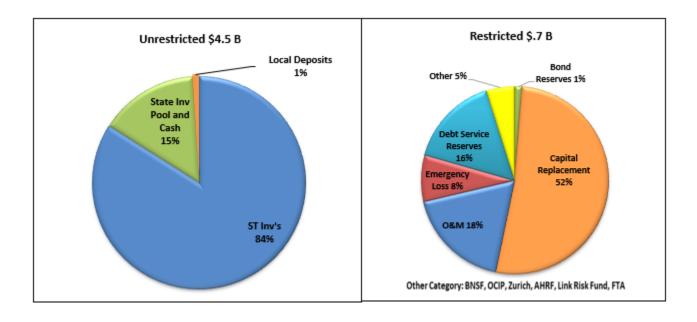
# **Investment Strategy**

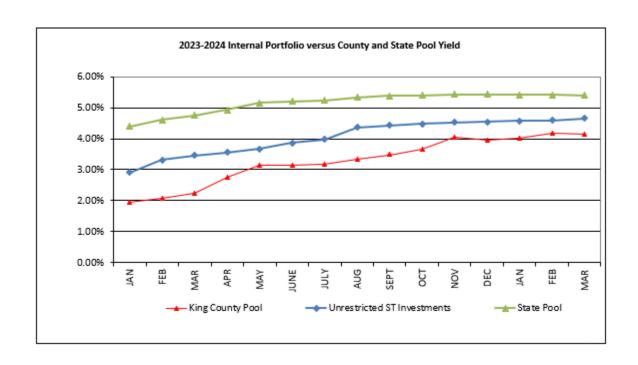
The investment portfolios are tactically invested to manage cash flows and duration to navigate the portfolio through the volatile markets. US Treasury securities are being overweighted due to the relative valuations. The Agency continues to prioritize liquidity to provide flexibility to the realigned plan.

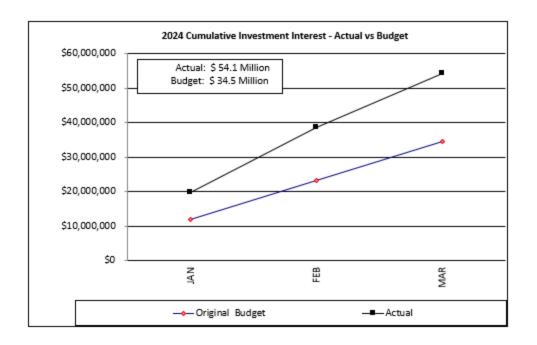
Cash and Investments (\$M)	Book Value	Average Duration	Benchmark Duration	Current Yield	Qtrly Yield Change
Unrestricted					_
State Investment Pool	659.5	0.01		5.41%	0.02
Local Deposits	50.7	0.01		5.30%	(0.35)
King County Investment Pool	16.6	1.08		4.17%	0.69
ST Internal Investments	3,742.7	1.21		4.66%	0.24
Total Unrestricted	4,469.6	1.02	0.97	4.78%	0.21
Restricted					
Operating/Contingency (internal)	129.3	0.01		5.41%	0.02
Capital Replacement (internal)	370.4	3.15	2.91	3.31%	0.79
Emergency Loss Reserve (internal)	56.9	0.01		5.41%	0.02
Debt Service Accounts	112.0	0.01		5.41%	0.02
BNSF Escrow	8.0	0.01		0.01%	(0.02)
OCIP Collateral	0.7	1.06		5.17%	0.57
Link Risk Fund	0.6	1.08		4.11%	0.68
Prior Debt Service Reserve	9.0	2.55	3.02	4.89%	0.01
Affordable Housing Revolving Fund	20.1	0.01		5.41%	0.02
Zurich Collateral	0.4	0.01		1.13%	1.10
FTA Grant Recovery	5.2	0.01		5.41%	0.02
Total Restricted	712.5	1.68	N/A*	4.25%	0.47
Total	5,182.1	1.11		4.70%	0.24
*Restricted benchmarks are based upon projected cash flow need	s. Calculating a "total" benc	hmark duration for restric	ted investments is not :	pplicable	

## **Q1 2024 Investment Overview**

## **Investment Performance Portfolio Composition**







# **Asset Allocation Compliance**

Asset Class	\$ Par Value	Percentage Allocation	Policy Limit
U.S. Treasuries	2,724,195,000	52.06%	100%
U.S. Government Agencies-Primary	931,450,000	17.80%	75%
U.S. Government Agencies-Secondary	24,800,000	0.47%	10%
Certificates of Deposit	0	0.00%	20%
Supranationals	108,500,000	2.07%	10%
Corporate Notes	311,012,000	5.94%	25%
King County Investment Pool	17,198,114	0.33%	50%
State Investment Pool	985,648,144	18.84%	100%
Commerical Paper	48,500,000	0.93%	25%
Taxable Municipal/G.O. Bonds	30,520,000	0.58%	20%
PDPC Deposits	50,654,703	0.97%	20%
	5,232,477,961	100.00%	

#### 1Q 2024 Debt Overview

#### **Debt Strategy**

Sound Transit considers the diversification of its long-term liabilities in the context of its future borrowing needs. The Agency utilizes various financial instruments to fund the long-range financial plan. The Agency continues to take action in response to Board's direction to seek opportunities to reduce cost and expand financial capacity.

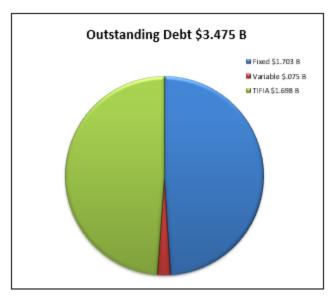
#### **Debt Summary**

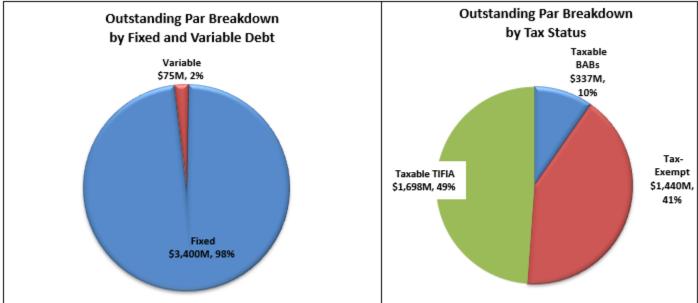
- The 20-year MMD ended the quarter at 3.36%, 28 basis points higher than the December 31,2023 rate. During the quarter, rates experienced continued volatility with a high of 3.38% in late-March and a low of 3.10% in early February. Market rates remained volatile due to mixed economic news throughout the quarter.
- The average Q1 2024 spread between the 20-year AAA MMD and the 20-year A MMD was 40 basis points as of 03/31/24, which is 7 basis points lower than what was measured on 12/31/24.

Central Puget Sound Regional Transit Authority Summary of Outstanding Bonds					
Prior Bonds Series	Issue Date	Final Maturity	Issue Size	Amount Outstanding	All-in Int Cost
1999	1/6/1999	2/1/2028	\$350,000,000	\$126,055,000	5.03%
2009P-2T (BABs)	9/29/2009	2/1/2028	\$76,845,000	\$37,255,000	3.36%
Total Prior Bonds			\$426,845,000	\$163,310,000	4.65%
Parity Bonds				Amount	All-in
Series	Issue Date F	inal Maturity	Issue Size	Outstanding	Int Cost
2009S-2T (BABs)	9/29/2009	11/1/2039	\$300,000,000	\$300,000,000	3.66%
2015S-1	9/10/2015	11/1/2050	\$792,840,000	\$22,185,000	3.89%
2015S-2A*	9/10/2015	11/1/2045	\$75,000,000	\$75,000,000	1.44%
2015S-2B*	9/10/2015	11/1/2045	\$75,000,000	\$0	1.56%
2016S-1	12/19/2016	11/1/2046	\$400,000,000	\$375,330,000	3.60%
20215-1	11/4/2021	11/1/2050	\$869,360,000	\$841,885,000	2.31%
Total Parity Bonds			\$2,512,200,000	\$1,614,400,000	2.84%
Total Prior & Parity Bonds \$2,939,045,000 \$1,777,710,000 3.01%					
*2015S-2A and 2015S-2B are variable rate bonds. The all-in Interest cost uses life-to-date average actuals.					

Central Puget Sound Regional Transit Authority Summary of Outstanding TIFIA Loans					
Amount					
TIFIA Loan	<b>Execution Date</b>	Final Maturity	Loan Amount	Drawn	Int Rate
East Link	9/10/2021	11/1/2058	\$1,330,000,000	\$994,646,917	1.91%
Northgate	9/10/2021	11/1/2056	\$615,267,000	\$615,267,000	1.91%
O&M Facility East	9/10/2021	11/1/2055	\$87,663,515	\$87,663,515	1.91%
Lynnwood Link	9/10/2021	11/1/2059	\$657,863,164	\$0	1.91%
Redmond	9/10/2021	11/1/2059	\$520,981,378	\$0	1.91%
Federal Way	9/10/2021	11/1/2059	\$629,472,431	\$0	1.91%
HTLE Project	5/2/2023	5/1/2058	\$93,306,180	\$0	3.79%
NE 130th Street Inf	5/2/2023	5/1/2061	\$79,250,877	\$0	3.79%
Sounder Access F	5/2/2023	11/1/2061	\$154,152,530	\$0	3.79%
Total TIFIA Load	ns		\$4,167,957,075	\$1,697,577,432	1.91%
Total Outstanding Debt \$3,475,287,432 2.47%					

## **Debt Portfolio Composition**





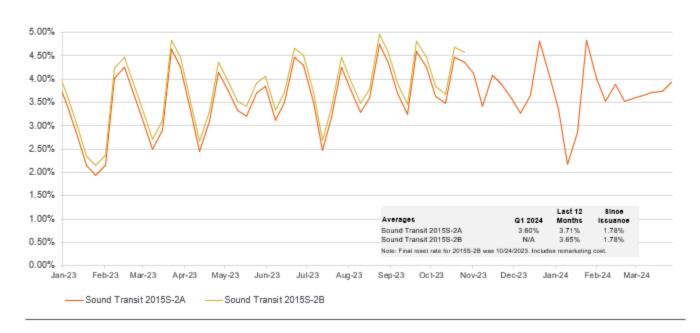
The credit rating agencies actively monitor the transit sector. The investment balances and liquidity available via undrawn TIFIA loans provide Sound Transit with flexibility and are viewed very positively by the credit rating agencies. Sound Transit maintains a sector leading level of credit quality.

Bond Ratings as of 03/31/2024				
Prior Parity TIFIA				
Moody's	Aaa	Aa1		
S&P	AAA	AAA	AA+	
Fitch			AA+	

# Q1 2024 Variable Rate Comparison and Pricing Estimate

Actual - Sound Transit Q1 Series 2015S-2A Borrowing Cost			
Q1 SIFMA Average	3.32%		
Index Spread	0.20%		
Remarketing Cost	0.08%		
Total FRN Cost	3.60%		

Estimated - Sound Transit VRDB Q1 Borrowing Cost			
Q1 SIFMA Average	3.32%		
Estimated LOC Cost*	0.35%		
Remarketing Agent Fee	0.06%		
Total VRDB Cost	3.73%		



# Asset Liability Management Report Key for Performance Summary

	Above Average	Average	Below Average
INVESTMENT PERFORMANCE	Interest earnings forecast to exceed budget.	Interest earnings forecast to meet budget.	Interest earnings forecast to be below budget.

	Low	Medium	High
INTEREST RATE RISK	Change in interest rates will have less than \$5M impact on ST financial plan over 5- year period.	Change in interest rates will have less than \$10M impact on ST financial plan over 5-year period.	Change in interest rates will have less than \$20M impact on ST financial plan over 5-year period.
LIQUIDITY RISK	All reserves and liquidity contingencies in place. Current liquidity contingency greater than policy minimum.	All reserves and liquidity contingencies in place. Current liquidity contingency equal to policy minimum.	Not all reserves and liquidity contingencies in place.
CREDIT RISK	No known credit risks that could materially impact ST balance sheet.	Known credit risks could potentially materially impact ST balance sheet.	Known credit risks are likely to materially impact ST balance sheet.

## **Glossary of Debt and Investment Terms**

**Basis Point** – The smallest measure used in quoting yields on bonds and notes. One basis point is 0.01% of yield. For example, a bond's yield that changed from 3.50% to 3.00% would be said to have moved 50 basis points.

**Benchmark** - A bond whose terms are used for comparison with other bonds of similar maturity. The global financial market typically looks to U.S Treasury securities as benchmarks.

BNSF Escrow – Collateral pursuant to the Sound Transit / Amtrak / BNSF lease-sub-lease dated September 2000.

**Book Value** – The amount at which an asset is carried on the books of the owner. The book value of an asset does not necessarily have a significant relationship to the market value of the security.

**Duration** - The weighted maturity of a fixed-income investment's cash flows, used in the estimation of the price sensitivity of fixed-income securities for a given change in interest rates.

**Federal Funds Rate** – The rate of interest at which Federal Funds are traded between banks. Federal Funds are excess reserves held by banks that desire to invest or lend them to banks needing reserves. The particular rate is heavily influenced through the open market operations of the Federal Reserve Board. Also referred to as the "Fed Funds rate."

**General Obligation Bond (GO)** - A municipal bond secured by the pledge of the issuer's full faith and credit, and backed by their taxing authority.

Link Risk Fund – Funded by Sound Transit to pay certain claims related to the operation of Central Link.

**Liquidity** – The ease and speed with which an asset can be converted into cash without a substantial loss in value.

**Local Government Investment Pool (LGIP)** – The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment.

**Market Price** - For securities traded through an exchange, the last reported price at which a security was sold; for 4securities traded "over-the-counter," the current price of the security in the market.

Par Value – The nominal or face value of a debt security; that is, the value at maturity.

**Performance** - An investment's return (usually total return), compared to a benchmark that is comparable to the risk level or investment objectives of the investment.

**SIFMA** - The Securities Industry and Financial Markets Association Municipal Swap Index is a 7-day high-grade market index comprised of tax-exempt Variable Rate Demand Obligations (VRDOs) with certain characteristics. The Index is calculated and published by Bloomberg.

**TIFIA Loan** – Transportation Infrastructure Finance and Innovation Act loan with the United States Department of Transportation, acting by and through the Federal Highway Administrator. TIFIA loans are used to complement other sources of debt, resulting in a lower cost of funding than would be available in the capital markets.

**Total Return -** Investment performance measure over a stated time period which includes coupon interest, interest on interest, and any realized and unrealized gains or losses.

**OCIP** Collateral – Pledged collateral for the Owner Controlled Insurance Program for University Link and Northgate Link.