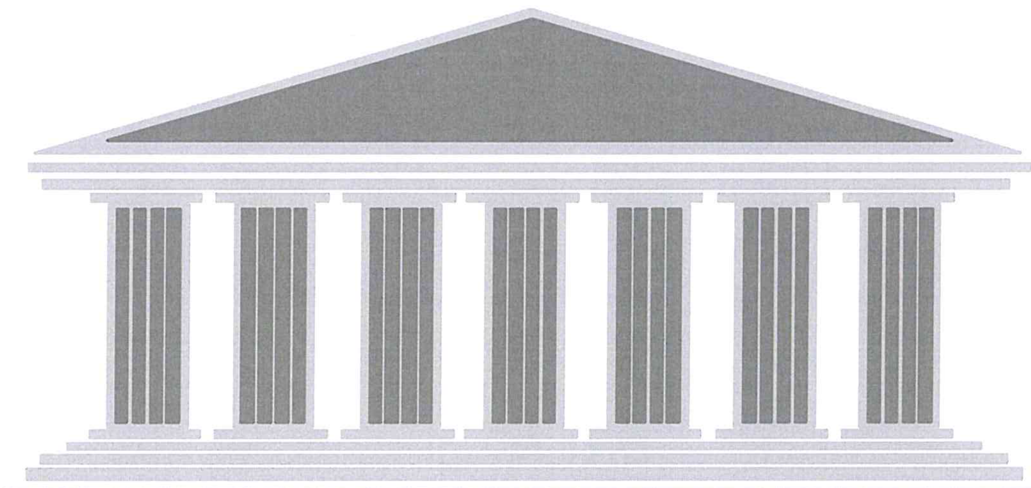
ATTACHMENT A

Treasury/Public Finance Department's Report On

Orange County Transportation Authority Investment and Debt Programs



Presented to the Finance and Administration Committee

For The Period Ending February 29, 2020

INVESTMENT PROGRAM

OCTA Investment Dashboard

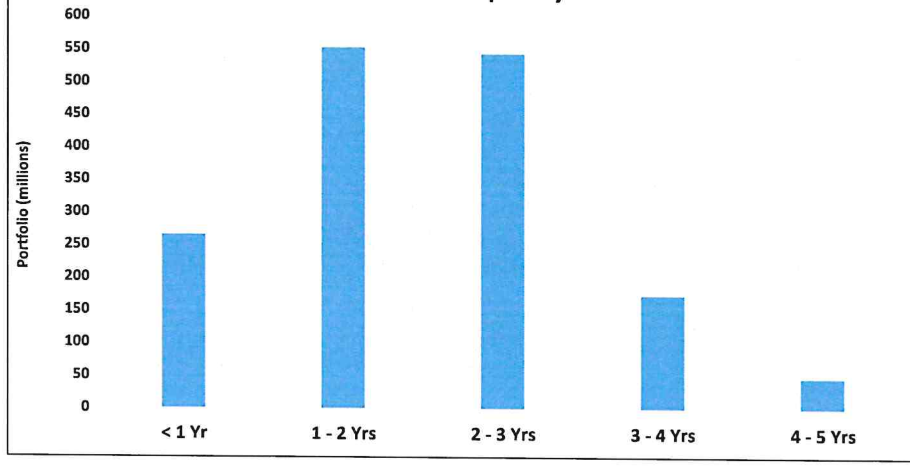
2/29/2020

Safety of Principal

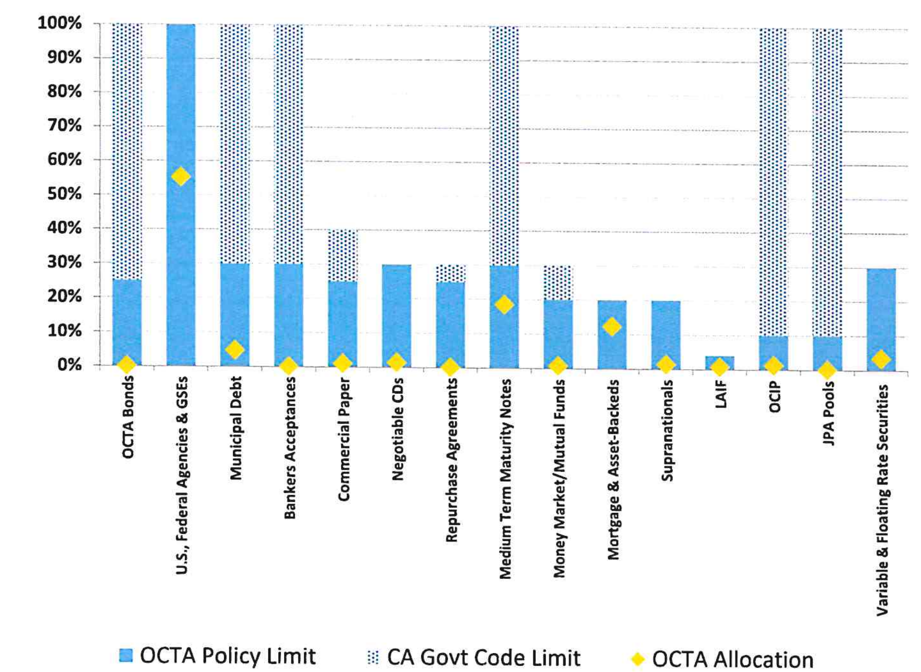
Securities that fall below OCTA's minimum credit quality requirements:

During the month of February, Moody's downgraded the long-term debt rating of Nissan to Baa1 from A3. OCTA holds three high quality AAA Nissan Auto/Lease asset backed security positions, respectively 0.3%, 0.4% and 0.6% of the portfolio. The Treasurer reviewed the position and recommended the securities be held for the short-term. The Treasurer presented his recommendation to the Deputy Chief Executive Officer who concurred.

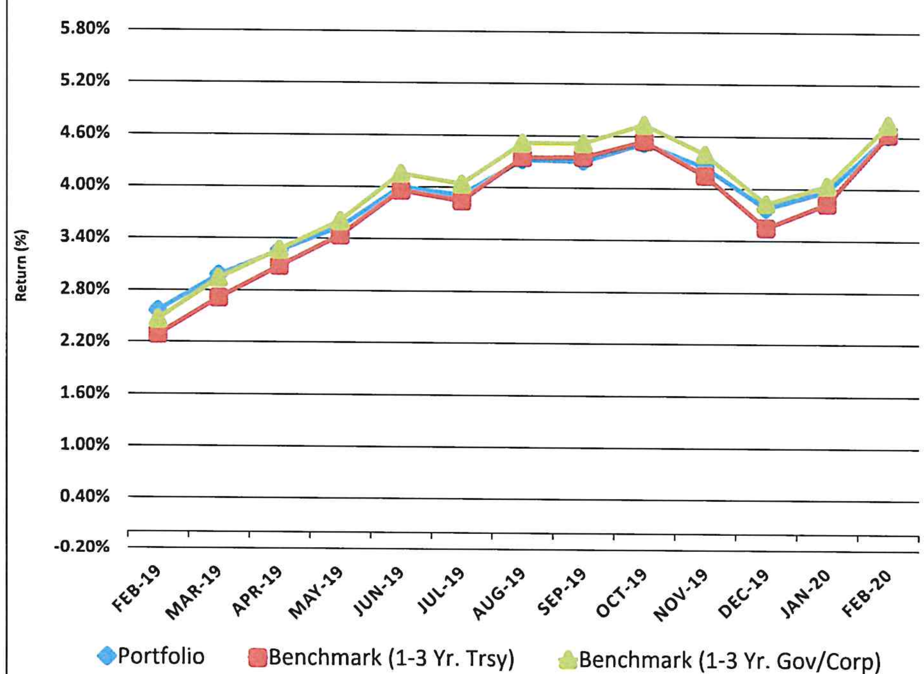
Portfolio Liquidity



Portfolio Diversification



Portfolio Return - 12 Month



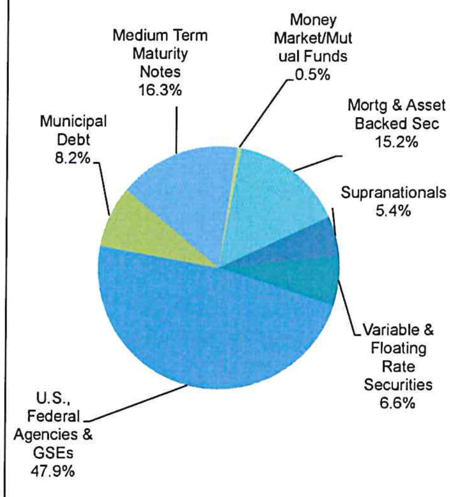
Investment Profile
2/29/2020

Portfolio / Managers	Depository	Role	Type of Investment	Amount ($ Millions)
LIQUID PORTFOLIO:				
OCTA	BNY Mellon	Trustee	Cash	$ 85.5
OCTA	Bank of the West	Broker	Cash	35.0
California State Treasurer	LAIF	Custodian	Per LAIF Investment Policy	10.8
Orange County Treasurer	OCIP	Custodian	Per OCIP Investment Policy	19.5
Subtotal OCTA Liquid Portfolio				***$ 150.8***
SHORT-TERM PORTFOLIO:				
Investment Managers				
MetLife Investment Management	U.S Bank	Custodian	Per OCTA Investment Policy	$ 393.9
Chandler Asset Management	U.S Bank	Custodian	Per OCTA Investment Policy	392.9
Payden & Rygel Investment Counsel	U.S Bank	Custodian	Per OCTA Investment Policy	400.0
PFM Asset Management	U.S Bank	Custodian	Per OCTA Investment Policy	395.3
Subtotal Short-Term Portfolio (Investment Managers)				***$ 1,582.2***
BOND PROCEED PORTFOLIO:				
OCTA	Bank of Nova Scotia	Custodian	Per Measure M2 Bond Indenture	$ 233.5
OCTA	BNY Mellon	Trustee	Per Measure M2 Bond Indenture	49.9
OCTA	BNY Mellon	Trustee	Per Measure M2 Bond Indenture	29.6
Subtotal OCTA Bond Proceeds Portfolio				***$ 313.1***
RESERVE FUNDS PORTFOLIO:				
91 Express Lanes 2013 Ref. Bonds	U.S Bank	Trustee	Commercial Paper	$ 11.4
91 Express Lanes 2013 Ref. Bonds	Bank of the West	Trustee	Commercial Paper	10.5
91 Express Lanes 2013 Ref. Bonds	Bank of the West	Trustee	Commercial Paper	3.1
91 Express Lanes 2013 Ref. Bonds	U.S Bank	Trustee	U.S. Treasury Obligations	0.0
91 Express Lanes 2013 Ref. Bonds	U.S Bank	Trustee	U.S. Treasury Obligations	0.0
Bank Deposits/Cash				0.1
Subtotal OCTA Reserve Funds Portfolio				***$ 25.2***
TOTAL				**$ 2,071.2**

Investment Manager Diversification and Maturity Schedules

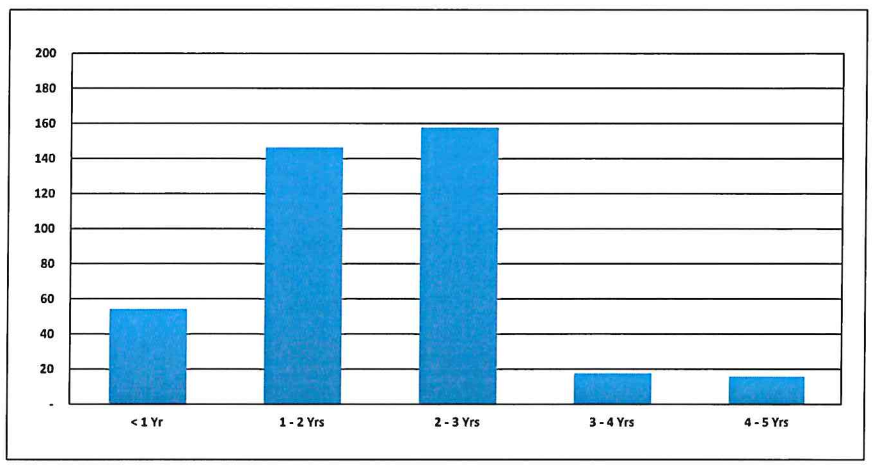
MetLife Investment Management
2/29/2020

SHORT-TERM PORTFOLIO ($393.9 M)



		Book Value		Market Value
U.S., Federal Agencies & GSEs	$	188,744,781.86	$	191,042,364.53
Municipal Debt	$	32,249,202.50	$	32,526,096.95
Bankers Acceptances	$	-	$	-
Commercial Paper	$	-	$	-
Negotiable Certificates of Deposit	$	-	$	-
Repurchase Agreements	$	-	$	-
Medium Term Maturity Notes	$	64,099,609.67	$	65,191,656.54
Money Market/Mutual Funds	$	2,072,409.19	$	2,072,409.19
Mortg & Asset-Backed Securities	$	59,826,002.42	$	60,622,957.43
Supranationals	$	21,133,064.40	$	21,484,746.65
Joint Powers Authority Pools	$	-	$	-
Variable & Floating Rate Securities	$	25,806,458.34	$	25,863,750.90
	$	393,931,528.38	$	398,803,982.19

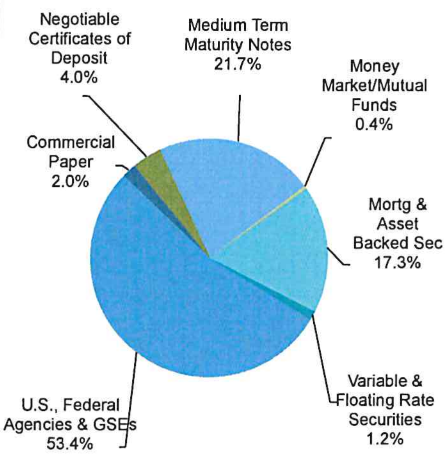
Monthly Return	0.78%
TSY Benchmark	0.87%
Gov/Corp Benchmark	0.82%
12 Month Return	4.11%
TSY Benchmark	4.63%
Gov/Corp Benchmark	4.75%



Investment Manager Diversification and Maturity Schedules

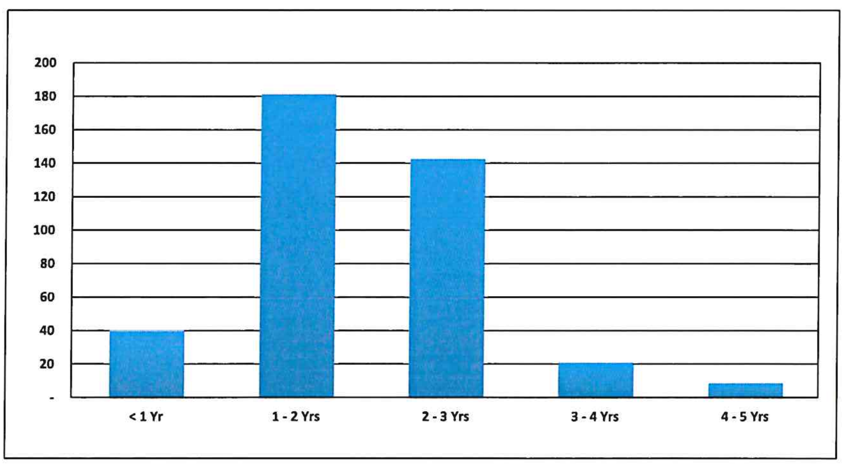
PFM
2/29/2020

SHORT-TERM PORTFOLIO ($395.3 M)



		Book Value		Market Value
U.S., Federal Agencies & GSEs	$	211,175,160.78	$	216,616,471.59
Municipal Debt	$	-	$	-
Bankers Acceptances	$	-	$	-
Commercial Paper	$	7,886,600.00	$	7,948,960.00
Negotiable Certificates of Deposit	$	15,625,000.00	$	15,747,713.75
Repurchase Agreements	$	-	$	-
Medium Term Maturity Notes	$	85,894,965.15	$	87,531,300.75
Money Market/Mutual Funds	$	1,431,208.22	$	1,431,208.22
Mortg & Asset-Backed Securities	$	68,518,504.33	$	69,592,830.72
Supranationals	$	-	$	-
Joint Powers Authority Pools	$	-	$	-
Variable & Floating Rate Securities	$	4,793,090.89	$	4,712,984.13
	$	395,324,529.37	$	403,581,469.17

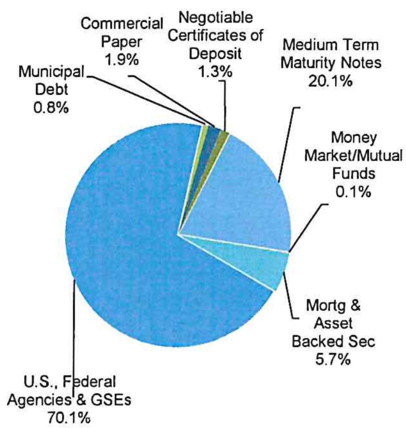
Monthly Return	0.78%
TSY Benchmark	0.87%
Gov/Corp Benchmark	0.82%
12 Month Return	4.79%
TSY Benchmark	4.63%
Gov/Corp Benchmark	4.75%



Investment Manager Diversification and Maturity Schedules

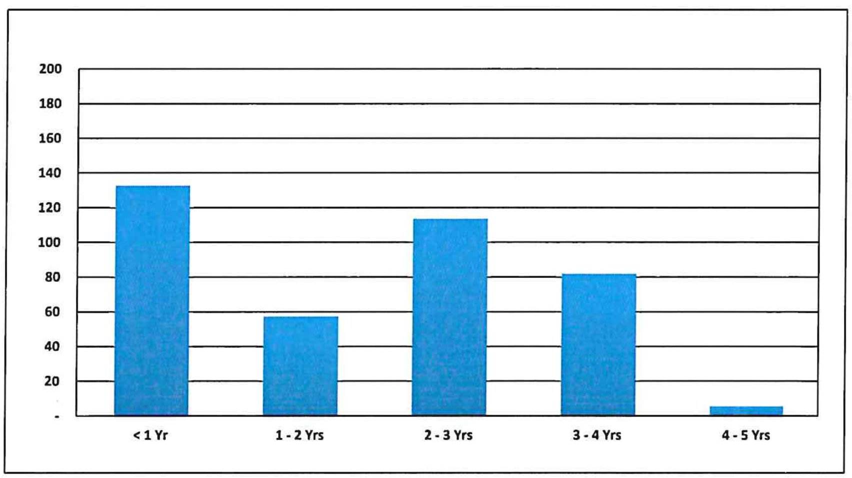
Chandler Asset Management
2/29/2020

SHORT-TERM PORTFOLIO ($392.9 M)



	Book Value	Market Value
U.S. Federal Agencies & GSEs	$ 275,349,620.14	$ 281,720,655.50
Municipal Debt	$ 3,000,000.00	$ 3,080,400.00
Bankers Acceptances	$ -	$ -
Commercial Paper	$ 7,431,083.33	$ 7,479,600.00
Negotiable Certificates of Deposit	$ 5,213,326.58	$ 5,215,625.80
Repurchase Agreements	$ -	$ -
Medium Term Maturity Notes	$ 78,895,652.25	$ 81,397,419.00
Money Market/Mutual Funds	$ 460,062.62	$ 460,062.62
Mortg & Asset-Backed Securities	$ 22,593,951.10	$ 22,798,008.03
Supranationals	$ -	$ -
Joint Powers Authority Pools	$ -	$ -
Variable & Floating Rate Securities	$ -	$ -
	$ 392,943,696.01	$ 402,151,770.95

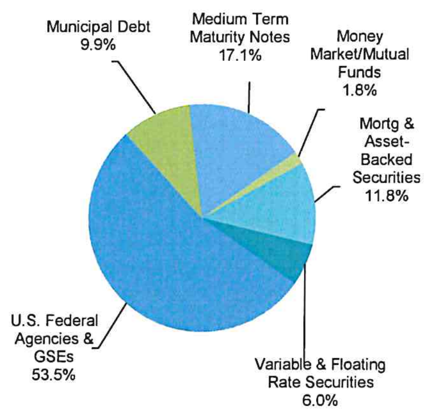
Monthly Return	0.81%
TSY Benchmark	0.87%
Gov/Corp Benchmark	0.82%
12 Month Return	4.73%
TSY Benchmark	4.63%
Gov/Corp Benchmark	4.75%



Investment Manager Diversification and Maturity Schedules

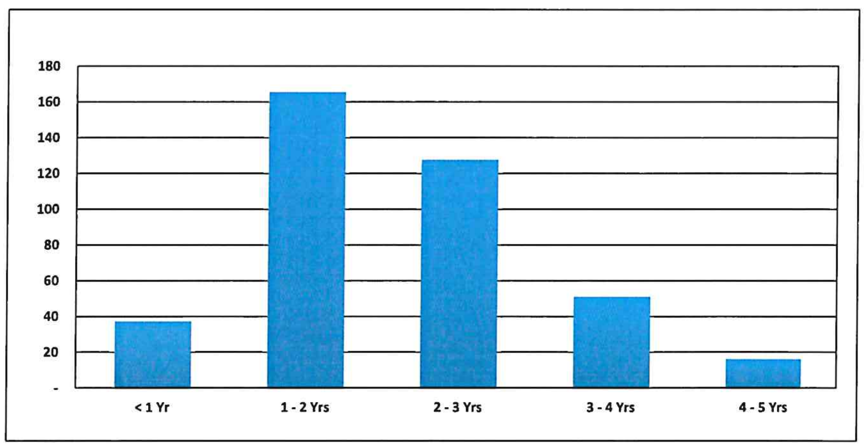
Payden & Rygel
2/29/2020

SHORT-TERM PORTFOLIO ($400.0 M)



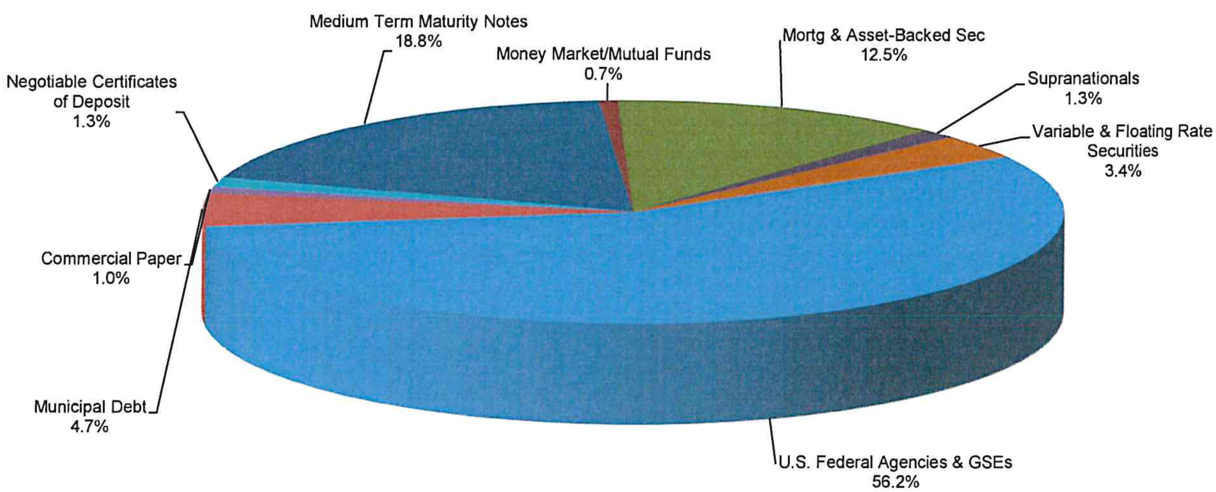
	Book Value	Market Value
U.S. Federal Agencies & GSEs	$ 213,923,905.85	$ 200,474,809.22
Municipal Debt	$ 39,417,046.87	$ 40,031,815.03
Bankers Acceptances	$ -	$ -
Commercial Paper	$ -	$ -
Negotiable Certificates of Deposit	$ -	$ -
Repurchase Agreements	$ -	$ -
Medium Term Maturity Notes	$ 68,588,205.49	$ 69,743,393.30
Money Market/Mutual Funds	$ 7,038,239.19	$ 7,038,239.19
Mortg & Asset-Backed Securities	$ 47,139,838.32	$ 47,916,337.59
Supranationals	$ -	$ -
Joint Powers Authority Pools	$ -	$ -
Variable & Floating Rate Securities	$ 23,869,239.05	$ 23,506,668.63
	$ 399,976,474.77	$ 388,711,262.96

Monthly Return	0.80%
TSY Benchmark	0.87%
Gov/Corp Benchmark	0.82%
12 Month Return	4.78%
TSY Benchmark	4.63%
Gov/Corp Benchmark	4.75%

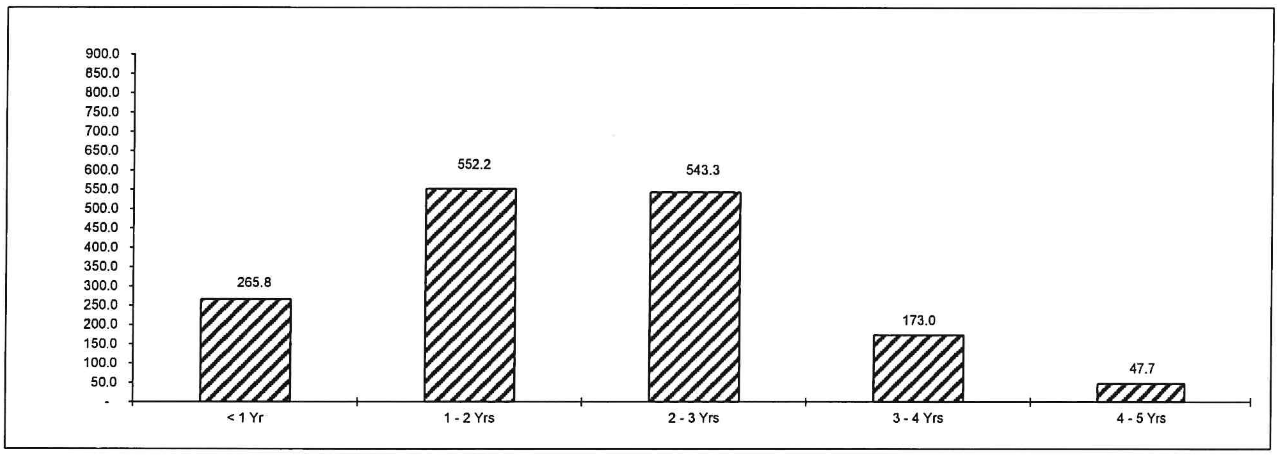


Short-Term Portfolio
2/29/2020

Portfolio Composition

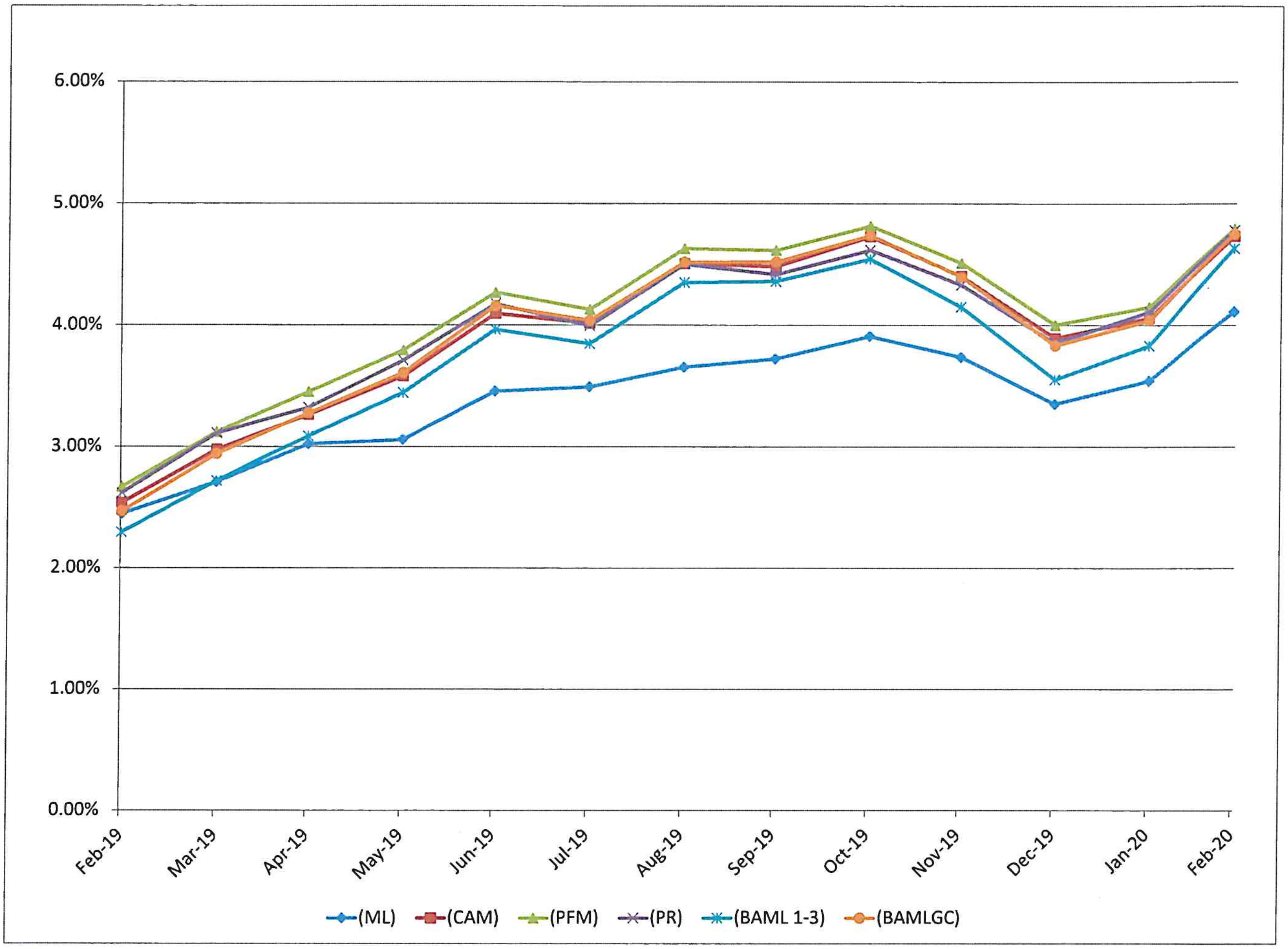


Maturity Schedule



Orange County Transportation Authority
Short-Term Portfolio Performance
2/29/2020

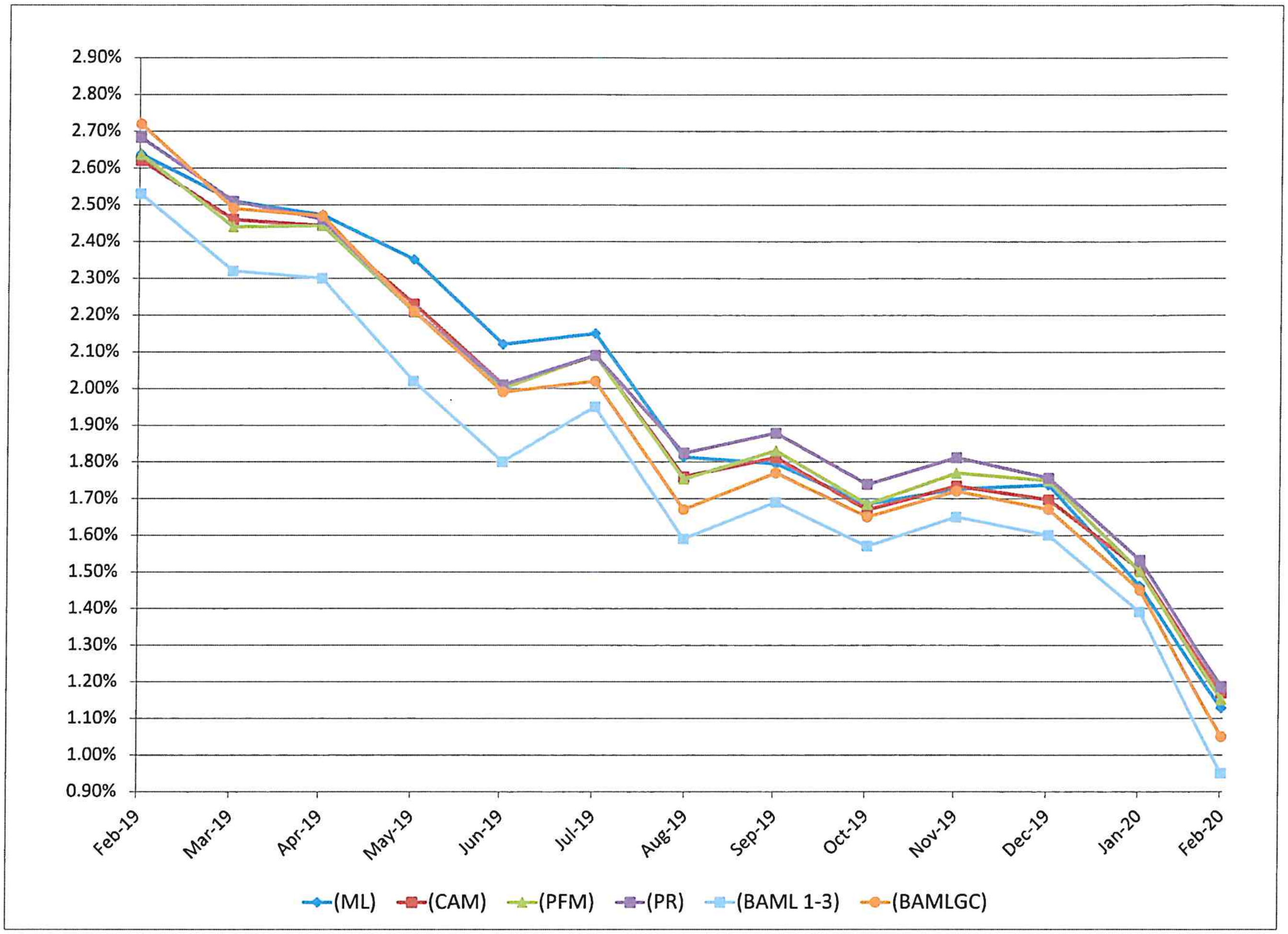
Trailing 1-Year Total Return
Vs. The Bank of America Merrill Lynch (BAML) 1-3 Benchmarks



	MetLife Investment Mgmt (ML)	Chandler Asset Mgmt (CAM)	Public Fin Mgmt (PFM)	Payden & Rygel (PR)	ICE/BAML 1-3 Yr Trsy (BAML 1-3)	BAML 1-3 Yr Gov/Corp (BAMLGC)
Feb-19	2.44%	2.54%	2.67%	2.62%	2.29%	2.46%
Mar-19	2.71%	2.97%	3.12%	3.11%	2.72%	2.94%
Apr-19	3.02%	3.26%	3.45%	3.32%	3.08%	3.27%
May-19	3.06%	3.58%	3.79%	3.71%	3.44%	3.61%
Jun-19	3.45%	4.10%	4.27%	4.17%	3.96%	4.16%
Jul-19	3.49%	4.01%	4.13%	3.99%	3.84%	4.04%
Aug-19	3.65%	4.50%	4.63%	4.50%	4.35%	4.52%
Sep-19	3.72%	4.48%	4.61%	4.41%	4.36%	4.52%
Oct-19	3.91%	4.73%	4.82%	4.62%	4.54%	4.74%
Nov-19	3.74%	4.40%	4.51%	4.33%	4.15%	4.40%
Dec-19	3.35%	3.89%	4.00%	3.85%	3.55%	3.83%
Jan-20	3.54%	4.06%	4.15%	4.11%	3.83%	4.04%
Feb-20	4.11%	4.73%	4.79%	4.78%	4.63%	4.75%

Short-Term Portfolio Performance
2/29/2020

Historical Yields
Vs. The Bank of America Merrill Lynch (BAML) 1-3 Benchmarks



	MetLife Investment Mgmt (ML)	Chandler Asset Mgmt (CAM)	Public Fin Mgmt (PFM)	Payden Rygel (PR)	ICE/BAML 1-3 Yr Trsy (BAML 1-3)	BAML 1-3 Yr Gov/Corp (BAMLGC)
Feb-19	2.64%	2.62%	2.64%	2.68%	2.53%	2.72%
Mar-19	2.51%	2.46%	2.44%	2.51%	2.32%	2.49%
Apr-19	2.47%	2.44%	2.44%	2.46%	2.30%	2.47%
May-19	2.35%	2.23%	2.21%	2.21%	2.02%	2.21%
Jun-19	2.12%	2.01%	2.00%	2.01%	1.80%	1.99%
Jul-19	2.15%	2.09%	2.09%	2.09%	1.95%	2.02%
Aug-19	1.81%	1.76%	1.75%	1.82%	1.59%	1.67%
Sep-19	1.80%	1.81%	1.83%	1.88%	1.69%	1.77%
Oct-19	1.69%	1.67%	1.68%	1.74%	1.57%	1.65%
Nov-19	1.73%	1.73%	1.77%	1.81%	1.65%	1.72%
Dec-19	1.74%	1.70%	1.75%	1.76%	1.60%	1.67%
Jan-20	1.46%	1.51%	1.50%	1.53%	1.39%	1.45%
Feb-20	1.13%	1.17%	1.15%	1.19%	0.95%	1.05%

Investment Compliance

2/29/2020

Portfolio Subject to Investment Policy			
Short-Term/Liquid Portfolio	**Dollar Amount Invested**	**Percent Of Portfolio**	**Investment Policy Maximum Percentages**
U.S. Federal Agencies & GSEs	$ 889,193,469	51.3%	100%
Municipal Debt	74,666,249	4.3%	30%
Bankers Acceptances	-	0.0%	30%
Commercial Paper	15,317,683	0.9%	25%
Negotiable Certificates of Deposit	20,838,327	1.2%	30%
Repurchase Agreements	34,769,595	2.0%	25%
Medium Term Maturity Notes	297,478,433	17.2%	30%
Money Market/Mutual Funds	96,460,000	5.6%	20%
Mortgage & Asset-Backed	198,078,296	11.4%	20%*
Supranationals	21,133,064	1.2%	20%
Local Agency Investment Fund	10,805,565	0.6%	$ 65 Million
Orange County Investment Pool	19,482,913	1.1%	10%
Joint Powers Authority Pools	-	0.0%	10%
Bank Deposits	279,278	0.0%	5%
Variable & Floating Rate Securities	54,468,788	3.1%	30%
Total Short-Term/Liquid Portfolio	**$ 1,732,971,660**	**100.0%**	

**Asset-backed securities, excluding mortgages, may not exceed 10 percent of the allocation*

Portfolio Subject to Indenture					
	Dollar Amount	**OCTA**		**Indenture Requirements**	
Bond Proceeds Portfolio	**Invested**	**Credit Quality**	**Term**	**Credit Quality**	**Term**
Money Market Funds	$ 29,645,257	AAA/Aaa	45 days	Min. A2/A	Max. 4 years
Treasury Bills	$ 49,941,667	AAA/Aaa/AA+	30 days	Min. A2/A	Max. 4 years
Guaranteed Investment Contract	233,500,000	Aa2/AA-/A+	N/A	Min. A3/A-	N/A
Total Bond Proceeds Portfolio	**$ 313,086,924**				
Reserve Funds Portfolio					
Commercial Paper	25,010,856	P-1/F-1	30 days	Min. A-1/P-1	Max. 180 days
Bank Deposits	141,072				
US Treasuries Obligations	180	AAA/Aaa	30 days	Min. A2/A	Max. 5 years
Total Reserve Funds Portfolio	**$ 25,152,108**				
Total Portfolio Subject to Indenture	**$ 338,239,031**				

Portfolio Total	**$ 2,071,210,692**

Negative Credit Watch
2/29/2020

Manager / Security	Par Amount	Maturity	S&P	Moody's	Fitch Ratings
PFM					
Pfizer Inc.	2,300,000	Various*	AA-	A1	A

On June 17, 2019, S&P, and Fitch placed the long-term ratings of Pfizer Inc. under review for possible downgrade.

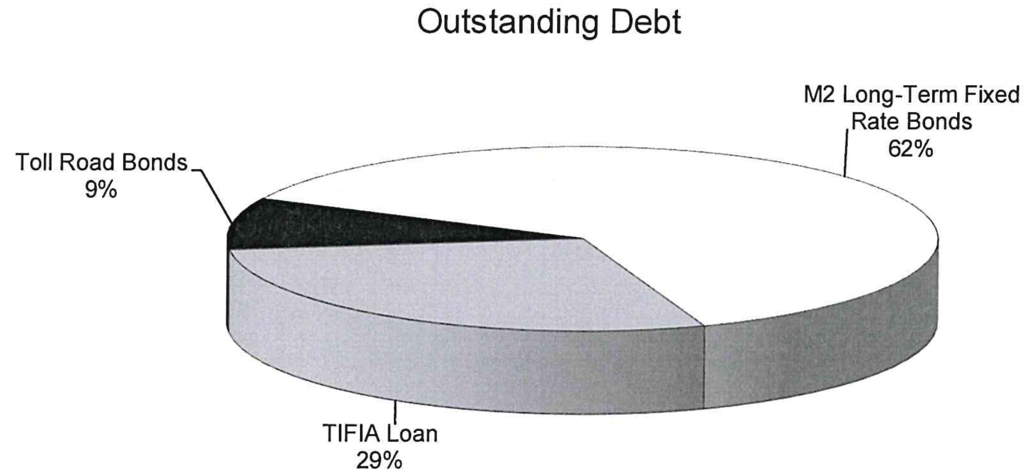
Merck & Co.	1,250,000	2/10/2022	AA-	A1	A+

On February 5, 2020, S&P downgraded the long term credit rating of Merck & Co., and placed the issuer on negative credit watch.

*9/15/21 & 3/11/22

DEBT PROGRAM

Total Outstanding Debt
As of 2/29/20



TOTAL OUTSTANDING DEBT: $1,005,375,000

Outstanding Debt
As of 2/29/20

Orange County Local Transportation Authority (OCLTA-M2)

2010 Series A Taxable Build America Bonds - Sales Tax Revenue Bonds

Issued:	$	293,540,000
Outstanding:		250,000,000
Debt Service FY 2020:		17,270,000
Pledged Revenue Source:		M2 Sales Tax Revenues
Ratings (Fitch/ Moody's/ S&P):		AA+/Aa2/AA+
Final Maturity:		2041

2019 M2 Sales Tax Bond

Issued:	$	376,690,000
Outstanding:		376,690,000
Debt Service FY 2020:		17,939,230
Pledged Revenue Source:		M2 Sales Tax Revenues
Ratings (Fitch/ S&P):		AA+/AA+
Final Maturity:		2041

91 Express Lanes

2013 OCTA 91 Express Lanes Refunding Bonds

Issued:	$	124,415,000
Outstanding:		91,685,000
Debt Service FY 2020:		10,798,325
Pledged Revenue Source:		91 Toll Road Revenues
Ratings (Fitch/ Moody's/ S&P):		A+/A1/AA-
Final Maturity:		2030

405 Express Lanes

2017 TIFIA Loan

Outstanding:	$	287,000,000
Accrued Debt Service FY 2020:	$	13,267,846
Pledged Revenue Source:		405 Toll Road Revenues
Ratings (Moody's):		Baa2
Final Maturity:		2057

*Final Debt Service Payment was made on February 18, 2020