The Commonwealth of Massachusetts
Portfolio of General Obligation Variable Rate Bonds
As of **3/6/2019**

Summary of Outstanding Variable Rate Debt	
CPI Bonds	$96,095,000
Direct Purchase	$664,535,000
LIBOR Index Floaters	$764,625,000
PUT	$400,000,000
SIFMA Index Floaters	$88,490,000
Variable Rate Demand Bonds	$482,955,000
College Opportunity Bonds	$80,039,976
Total Per Outstanding	**$2,576,739,976**

	2000 Series A Ted Williams Tunnel Bonds	**2000 Series B** Ted Williams Tunnel Bonds	**2001 Series B** Refunding Bonds	**2001 Series C** Refunding Bonds	**2006 Series A**	**2006 Series B1 and B2**	**2006 Series C** Refunding Bonds	**2007 Series A**
Dated/Delivery Date	12/7/2000	12/7/2000	2/20/2001	2/20/2001	3/3/2006	5/5/2016	3/29/2006	5/30/2007
Mandatory Tender Date	10/12/2021	4/19/2023	N/A	1/1/2021	8/3/2020	5/31/2019	N/A	N/A
Final Maturity	12/1/2030	12/1/2030	1/1/2021	1/1/2021	3/1/2026	3/1/2026	11/1/2020	5/1/2037
Original Par	$200,000,000	$75,590,000	$248,110,000	$248,115,000	$150,000,000	$200,000,000	$100,000,000	$400,000,000
Outstanding Par	$200,000,000	$75,590,000	$97,920,000	$97,920,000	$109,445,000	$146,250,000	$96,095,000	$384,580,000
Variable Rate Information								
Type	VRDB	VRDB	Direct Purchase	VRDB	VRDB	Direct Purchase	CPI Bonds	LIBOR Index Floaters
Insurer	N/A	N/A	N/A	N/A	N/A	N/A	FSA	CIFG / FGIC
Remarketing Agent/ Broker-Dealer	BAML	BAML	N/A	Morgan Stanley	JP Morgan	N/A	N/A	N/A
Bank Facility	Citibank	TD Bank	TD Bank	Barclays	Barclays	BAML	N/A	N/A
Re-set Period	Weekly- Wed	Daily	Weekly - Wed	Weekly - Wed	Daily	N/A	Monthly	Quarterly
Pay Period	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Quarterly (2/1, 5/1, 8/1, 11/1)
Swapped/ Unhedged	Unhedged	Unhedged	Swapped to Fixed	Swapped to Fixed	Unhedged	Partially Swapped to Fixed	Swapped to Fixed	Unhedged
Swap Counterparty	N/A	N/A	Morgan Stanley	Morgan Stanley	N/A	Barclays	Wells Fargo	N/A
Type of Swap	N/A	N/A	Cost of Funds	Cost of Funds	N/A	Percent of LIBOR	Cost of Funds	N/A
Swap Pay Period	N/A	N/A	Monthly	Monthly	N/A	Semi-annually (6/15 & 12/15)	Monthly	N/A

	2007 Series A Refunding Bonds	**2016 Series B**	**2016 Series C**	**2014 Series D (Multi Modal), Subseries D1**	**2014 Series D (Multi Modal), Subseries D2**	**2017 Series B** Refunding Bonds	**2018 Series A** Refunding Bonds	**COB- All Series**
Dated/Delivery Date	5/30/2007	5/10/2016	5/12/2016	7/1/2016	8/5/2014	1/4/2017	1/31/2018	August
Mandatory Tender Date	N/A	4/1/2021	4/1/2021	7/1/2020	8/1/2022	N/A	2/1/2021	N/A
Final Maturity	11/1/2025	4/1/2036	4/1/2046	8/1/2043	8/1/2043	2/1/2020	2/1/2021	8/1/2038
Original Par	$445,795,000	$100,000,000	$200,000,000	$200,000,000	$200,000,000	$88,490,000	$120,365,000	$80,039,976
Outstanding Par	$380,045,000	$100,000,000	$200,000,000	$200,000,000	$200,000,000	$88,490,000	$120,365,000	$80,039,976
Variable Rate Information								
Type	LIBOR Index Floaters	Direct Purchase	Direct Purchase	Put	Put	SIFMA Index Floaters	Direct Purchase	CPI Bonds
Insurer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Remarketing Agent/ Broker-Dealer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bank Facility	N/A	TD Bank	State Street	N/A	N/A	N/A	RBC Capital Markets	N/A
Re-set Period	Quarterly	N/A	Weekly - Tues	N/A	N/A	Monthly	N/A	N/A
Pay Period	Quarterly (2/1, 5/1, 8/1, 11/1)	Monthly	Monthly	Semi-Annually	Semi-Annually	Monthly	Monthly	Semi-Annually
Swapped/ Unhedged	Swapped to Fixed	Unhedged	Partially Swapped to Fixed	Unhedged	Unhedged	Swapped to Fixed	Swapped to Fixed	Unhedged
Swap Counterparty	Wells Fargo/ BNY	N/A	Barclays	N/A	N/A	Wells Fargo	Wells Fargo	N/A
Type of Swap	Cost of Funds	Percent of LIBOR	Percent of LIBOR	N/A	N/A	SIFMA	SIFMA	N/A
Swap Pay Period	Quarterly (2/1, 5/1, 8/1, 11/1)	N/A	Semi-annually (6/15 & 12/15)	N/A	N/A	Monthly	Monthly	N/A