



The Commonwealth of Massachusetts
Office of the State Treasurer
State House
Boston, Massachusetts 02133

Deborah B. Goldberg
Treasurer and Receiver General

January 13, 2020

The Honorable Michael J. Rodrigues, Chair
Senate Ways and Means Committee
State House, Room 212
Boston, MA 02133

The Honorable Aaron Michlewitz, Chair
House Ways and Means Committee
State House, Room 243
Boston, MA 02133

Dear Senator Rodrigues and Representative Michlewitz:

Pursuant to Massachusetts General Laws Chapter 10, Section 10B, the Office of the State Treasurer and Receiver General and the Executive Office for Administration and Finance hereby submit the current cash flow forecast for fiscal year 2020 (FY20).

Certain cash items, such as the balance of the Stabilization Fund as well as a number of other funds, are required to be categorized as segregated and do not contribute to the Commonwealth's "pool" of non-segregated cash balances. These segregated items are statutorily restricted for a specific purpose.

Please note that the FY20 cash flow forecast projects monthly cash closing balances. Given the variable nature of state cash expenditures and revenues, the daily cash balances often differ greatly from the projected monthly closing balances.

Highlights of Fiscal Year 2020

On July 31, 2019, the Governor signed the FY20 budget into law, providing for \$43.3 billion in spending, excluding transfers to the Medical Assistance Trust Fund and other transfers. As signed, the budget projects a net deposit of \$475.9 million to the Stabilization Fund. Please note that the \$592.7 million transfer to the Stabilization Fund on January 6, 2020 represents the deposit of the FY19 budget surplus. Including this transfer, in FY19 there was a total net deposit of \$1.423 billion to the Stabilization Fund. The current Stabilization Fund balance is \$3.46 billion, the highest in the Commonwealth's history.

*For cash purposes, the use of "fiscal year" includes "accounts payable" activity for fiscal year 2019 and excludes "accounts payable" activity for fiscal year 2020.

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The Honorable Michael J. Rodrigues, Chair
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In June 2019, the Governor announced the five-year capital investment plan for fiscal year 2020 through fiscal year 2024. The plan projects \$4.698 billion in FY20 spending on capital projects, including \$2.430 billion of bond cap spending, \$895.4 million of spending from other sources including special obligation bonds, anticipated savings or revenues generated by the projects, and other non-commonwealth sources such as contributions from municipalities, and \$1.372 billion of spending supported by federal reimbursements and grants.

For cash flow needs for FY20, the State Treasurer issued \$1.4 billion of revenue anticipation notes (RANs) in October 2019. Consistent with previous years, the RANs will be repaid in April, May and June 2020.

Ongoing Cash Management Practices

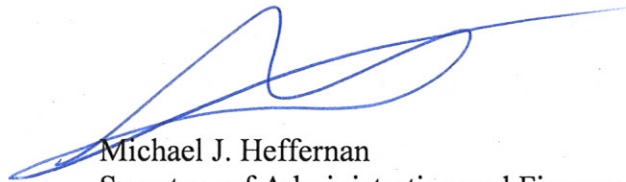
Treasury, Administration and Finance and Comptroller staffs continue to meet regularly to monitor the status of the Commonwealth's cash position. In addition, this group actively seeks to improve the reader's experience by enhancing the Commonwealth's cash flow forecast with additional features.

Please feel free to contact our respective staff members if you have any questions or require additional information.

Sincerely,



Deborah B. Goldberg
Treasurer and Receiver General



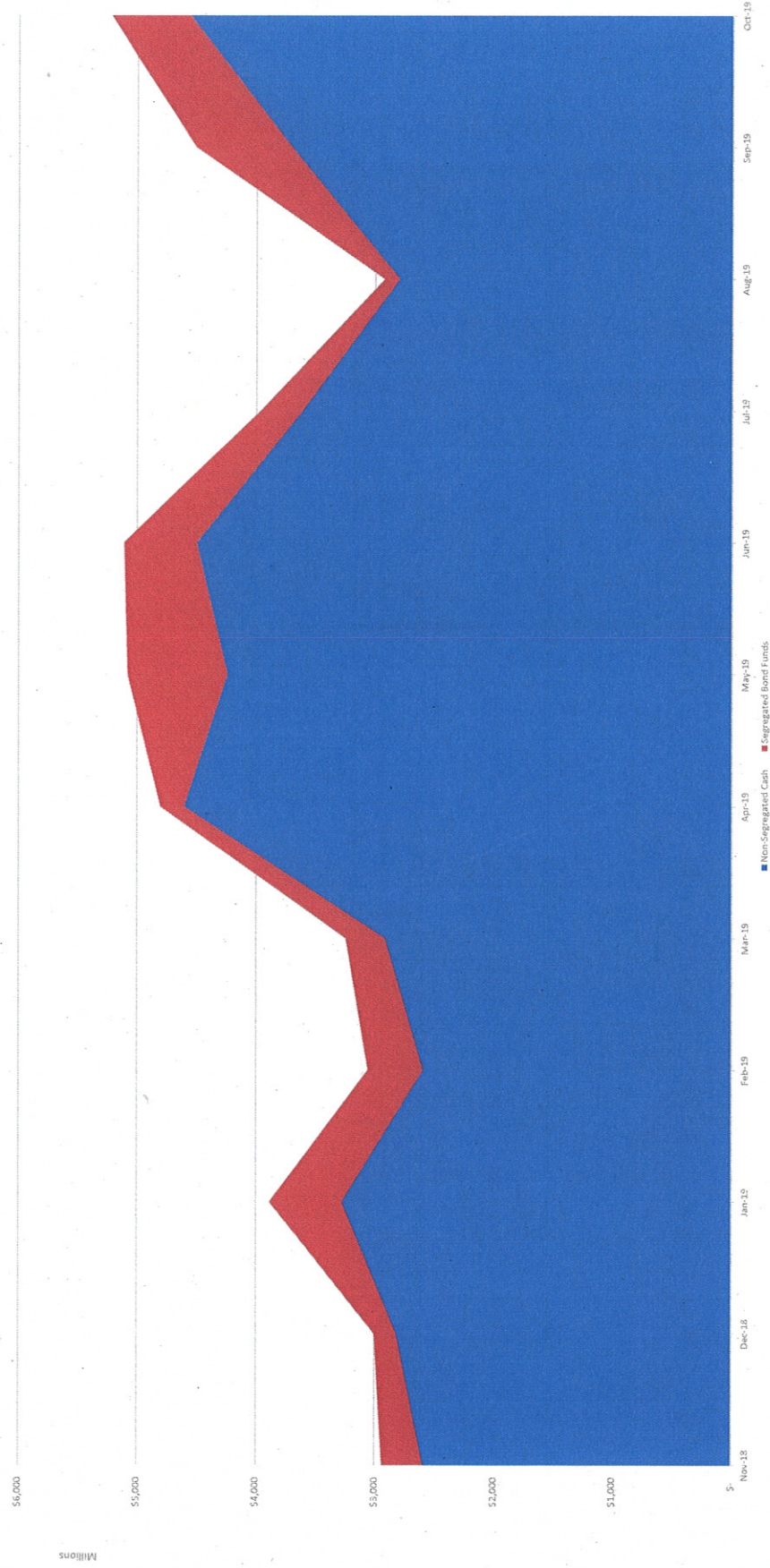
Michael J. Heffernan
Secretary of Administration and Finance

Enclosures

		(presented in millions)												Total FY 2020
		Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
		Act	Act	Act	Act	Est	Est	Est	Est	Est	Est	Est	Est	
OPENING NON-SEGREGATED OPERATING CASH BALANCE:														
OPERATING ACTIVITIES:														
Budgetary Funds:														
Tax Revenue														
Federal Reimbursements														
Other Budgetary Revenue														
Transfer from/(to) Stabilization Fund														
Total Budgetary Revenue/Inflows														
Local Aid														
Tax Refunds														
Debt Service for General Obligation (including CAVT)														
Debt Service for Special Obligations														
Debt Service for GANS														
Other Budgetary Expenditures														
Total Budgetary Expenditures/Outflows														
Net Budgetary Funds														
Non Budgetary Funds (Non Budgetary, Higher Ed and Trust Funds):														
Lottery Revenue														
Pension Receipts (PRIM and Annuity Receipts)														
Transfers in & out for Non Pooled / Trust / Fiduciary Fund Investments														
Non Budgetary Tax Receipts														
Other Non Budgetary Revenue														
Total Non Budgetary Revenue/Inflows														
Lottery Payments														
MBTA Sales Tax														
MBTA Assessments														
MSBA Payments														
Pension Payments														
Non Pooled / Trust / Fiduciary Fund Expenditures														
Other Non Budgetary Expenditures														
Total Non Budgetary Expenditures/Outflows														
Net Non Budgetary Funds														
Undesignated Revenue/Inflows and Expenditures/Outflows:														
General Fund Investment Earnings														
Net Undesignated Revenue/Inflows and Expenditures/Outflows														
NET OPERATING ACTIVITIES														
FEDERAL GRANTS:														
Total Federal Grants Revenue/Inflows														
Total Federal Grants Expenditures/Outflows														
NET FEDERAL GRANTS														
CAPITAL FUNDS:														
Capital Revenue/Inflows:														
Capital Inflow from Federal Reimbursements														
Capital Inflow from Financing Activities:														
Capital Inflow to General Fund from Segregated Bond Funds														
Total Capital Revenue/Inflows														
Total Capital Expenditures/Outflows														
NET CAPITAL FUNDS														
FINANCING ACTIVITIES:														
Cash Flow Financing Activities Inflows:														
Commercial Paper														
Revenue Anticipation Notes (RANS)														
Total Cash Flow Financing Activities Inflows														
Cash Flow Financing Activities Outflows:														
Commercial Paper - (Principal + Interest)														
RANS - (Principal + Interest)														
Total Cash Flow Financing Activities Outflows														
NET FINANCING ACTIVITIES														
ENDING NON-SEGREGATED OPERATING CASH BALANCE:														
Capital Budget Bonding Activity:														
Opening Balance Segregated Bond Funds														
Bonds														
BANS														
Segregated Bond Funds Available														
Bond / BANS Proceeds Allocated														
Ending Balance Segregated Bond Funds														

	August 2019 in Millions		September 2019 in Millions		October 2019 in Millions	
	August 2019 Forecast	August 2019 Actual	September 2019 Forecast	September 2019 Actual	October 2019 Forecast	October 2019 Actual
OPENING NON-SEGREGATED OPERATING CASH BALANCE:						
OPERATING ACTIVITIES:						
Budgetary Funds:						
Tax Revenue	1,998.5	2,031.3	3,189.9	3,267.6	2,147.6	2,208.9
Federal Reimbursements	531.6	977.9	1,053.1	1,079.5	941.5	822.4
Other Budgetary Revenue	293.0	347.6	353.5	253.3	460.1	458.2
Transfer from/(to) Stabilization Fund	(212.0)	(212.0)			(168.0)	
Total Budgetary Revenue/Inflows	2,611.1	3,144.8	4,596.4	4,600.3	3,381.3	3,489.5
Local Aid	748.4	494.6	520.5	557.5	586.2	513.4
Tax Refunds	38.8	49.8	42.3	44.6	155.1	193.0
Debt Service for General Obligation (including CMT)	373.6	373.6	103.7	107.1	224.3	221.7
Debt Service for Special Obligations						
Debt Service for GANS						
Other Budgetary Expenditures	3,538.6	2,929.3	2,707.4	2,478.0	2,944.2	2,764.3
Total Budgetary Expenditures/Outflows	4,699.5	3,847.3	3,373.9	3,236.9	3,909.8	3,726.4
Net Budgetary Funds	(2,088.4)	(702.5)	1,222.5	1,363.4	(528.5)	(236.8)
Non Budgetary Funds (Non Budgetary, Higher Ed and Trust Funds):						
Lottery Revenue	167.4	179.6	133.9	125.1	133.9	127.6
Pension Receipts (PRIM and Annuity Receipts)	236.0	258.7	236.0	257.9	236.0	255.9
Transfers in & out for Non Pooled / Trust / Fiduciary Fund Investments	1,425.0	16.7	480.0	113.1	262.0	(244.7)
Non Budgetary Tax Receipts	(49.0)	53.2	30.1	60.2	28.0	49.8
Other Non Budgetary Revenue	168.1	830.0	248.3	506.7	76.6	747.4
Total Non Budgetary Revenue/Inflows	1,947.5	1,338.3	1,128.2	1,063.0	736.5	936.0
Lottery Payments	45.7	48.9	57.1	86.5	45.7	47.0
MBTA Sales Tax	92.2	91.3	92.2	101.6	92.2	88.1
MBTA Assessments	10.6	14.5	10.6	14.5	10.6	14.5
MSBA Payments	78.0	77.9	78.0	78.8	78.0	74.8
Pension Payments	457.0	477.7	460.0	475.0	466.0	478.3
Non Pooled / Trust / Fiduciary Fund Expenditures	343.0	585.2	620.0	542.0	402.0	377.5
Other Non Budgetary Expenditures	150.0	173.8	210.0	293.8	210.0	93.5
Total Non Budgetary Expenditures/Outflows	1,176.5	1,469.3	1,528.0	1,592.2	1,304.5	1,173.6
Net Non Budgetary Funds	771.0	(131.0)	(399.7)	(529.2)	(568.1)	(237.6)
Undesignated Revenue/Inflows and Expenditures/Outflows:						
General Fund Investment Earnings	10.0	131.1	10.0	14.9	10.0	37.9
Net Undesignated Revenue/Inflows and Expenditures/Outflows	10.0	131.1	10.0	14.9	10.0	37.9
NET OPERATING ACTIVITIES	(1,307.5)	(702.4)	832.8	849.2	(1,086.6)	(436.5)
FEDERAL GRANTS:						
Total Federal Grants Revenue/Inflows	170.0	159.0	175.0	171.0	165.0	222.4
Total Federal Grants Expenditures/Outflows	209.5	195.3	126.5	153.3	176.5	225.1
NET FEDERAL GRANTS	(39.5)	(36.3)	48.5	17.7	(11.5)	(2.6)
CAPITAL FUNDS:						
Capital Revenue/Inflows:						
Capital Inflow from Federal Reimbursements	85.3	63.9	77.3	60.6	93.5	56.6
Capital Inflow from Financing Activities:						
Capital Inflow to General Fund from Segregated Bond Funds	230.8	230.8	266.9	227.0	200.0	134.6
Total Capital Revenue/Inflows	316.1	294.7	344.1	287.6	293.5	191.1
Total Capital Expenditures/Outflows	255.3	375.2	230.7	242.8	279.1	299.9
NET CAPITAL FUNDS	60.8	(80.5)	113.4	44.8	14.4	(108.8)
FINANCING ACTIVITIES:						
Cash Flow Financing Activities Inflows:						
Commercial Paper						
Revenue Anticipation Notes (RANS)						
Total Cash Flow Financing Activities Inflows						
Cash Flow Financing Activities Outflows:						
Commercial Paper - (Principal + Interest)						
RANS - (Principal + Interest)						
Total Cash Flow Financing Activities Outflows						
NET FINANCING ACTIVITIES						
ENDING NON-SEGREGATED OPERATING CASH BALANCE:	2,700.0	2,794.3	3,694.8	3,706.0	4,111.1	4,588.2
Variance	(372.5)		94.3		11.3	

FY 19 & FY 20 Monthly Cash and Investment Positions



Commonwealth of Massachusetts

Cash Flow Forecast Glossary

BUDGETARY SECTION

Tax Revenue

These tax revenue figures are gross, and do not account for tax refunds (which are captured in the budgetary outflow section of the forecast) and include amounts that are statutorily dedicated transfers to the Massachusetts Bay Transportation Authority, Massachusetts School Building Authority, etc.

Federal Reimbursements

Federal revenues are collected through reimbursements for the federal share of entitlement programs such as Medicaid and through block grants for programs such as Transitional Assistance to Needy Families (TANF). The amount of federal reimbursements to be received is determined by state expenditures for these programs. For example, the Commonwealth receives reimbursement for approximately 50% of its spending for Medicaid programs.

Other Budgetary Revenue

This revenue reflects all non-tax and non-federal reimbursement revenue that is used to support the Commonwealth's operating budget. This includes departmental revenue collections (e.g., RMV fees and fines) as well as transfers of revenue from non budgetary funds to the General Fund (e.g., Tobacco Settlements are initially deposited into a non budgetary fund and then transferred to the General Fund. Unclaimed Property revenue is transferred from the Unclaimed Property Fund to the General Fund, etc.).

Transfer from/(to) Stabilization Fund

The Stabilization Fund is established by state finance law as a reserve of surplus revenues to be used for the purposes of covering revenue shortfalls, state or local losses of federal funds or for any event that threatens the health, safety or welfare of the people or the fiscal stability of the Commonwealth or any of its political subdivisions. The fund is sometimes referred to as the state's "rainy day fund", serving as a source of financial support for the state budget in times of slow or declining revenue growth and as the primary source of protection against having to make drastic cuts in state services in periods of economic downturns. The Stabilization Fund is a "segregated" fund, and balances in the fund do not contribute to Commonwealth's "pooled" cash.

Local Aid

This spending category represents local aid that is appropriated in the state budget and is primarily comprised of Chapter 70 (public education) local aid and unrestricted general government aid. These disbursements used to go out quarterly, but recently enacted legislation amended state finance law so that they are made on a monthly basis.

Tax Refunds

A tax refund is a refund to a taxpayer of amounts paid in excess of the full amount of tax, interest and penalties due from the taxpayer for a particular tax type and period. Under G.L. Chapter 62C, Section 36, the Commissioner can offset a tax refund for one tax type in order to pay amounts due from the taxpayer for another tax type.

Debt Service for General Obligation (including CA/T)

This line represents principal and interest payments on all of the Commonwealth's outstanding general obligation bonds. These payments, as general obligations of the Commonwealth, are secured by a pledge of the Commonwealth's full faith and credit. Within this line are payments on bonds and notes issued to finance the State's various capital expenditures. Debt service payments for general obligation bonds are made on a monthly basis.

Debt Service for Special Obligations

This line represents principal and interest payments on all of the Commonwealth's outstanding special obligation bonds. As special obligations of the Commonwealth, these payments are secured by specific revenue streams pursuant to the various trust agreements underlying each bond issuance. This line includes payments on bonds secured by motor vehicle fuels receipts, Commonwealth Transportation Fund ("CTF") revenues and a selection of tourism-related sales and excise taxes.

Debt Service for GANS

This line represents interest payments on Federal Grant Anticipation Notes (GANs). GANs are bonds issued by the Commonwealth that are secured by a pledge of future Federal Highway Trust Fund revenues and net CTF revenues. The Commonwealth's current outstanding GANs were issued to help finance the Central/Artery Tunnel Project as well as the Accelerated Bridge Program. GANs payments are made one year in advance of their scheduled release from the trustee and are made in December and June of each year.

Other Budgetary Expenditures

This captures all operating budget spending with the exception of Local Aid, Debt Service and the pension appropriation. This line includes: MassHealth spending, budgetary payroll and

other budgeted spending, either authorized in the GAA, supplemental budget legislation filed or enacted, or that may be anticipated.

NON BUDGETARY SECTION

Lottery Revenue

This revenue category represents the net operating revenues of the Massachusetts State Lottery Commission. It primarily consists of the sale of Lottery products minus prizes, commissions and bonuses that are paid by the Commission.

Pension Receipts (PRIM and Annuity Receipts)

Funds transferred from PRIM to reimburse the General Fund for the payment of monthly pension benefits and annuity payments and separation from state service.

Transfer in & out for Non Pooled / Trust / Fiduciary Fund Investments

Non budgetary funds are also referred to as Trust or Fiduciary funds. As defined in state finance law, "Trust fund", a fund into which are deposited monies held by the Commonwealth or state agencies in a trustee capacity and which must be expended in accordance with the terms of the trust. Funds held in trust earn interest, which accrues to the trust; so for cash flow purposes are categorized as non pooled cash. When a trust collects money it is recorded with the Treasury on MMARS (the Commonwealth's accounting system) then moved from the cash flow to a non pooled investment. When a trust spends money the investment is liquidated by the Treasury on MMARS and then moved from a non-pooled status back to the cash flow. Thus, the net amount of all non budgetary investments for a month could be a negative inflow.

Non Budgetary Tax Receipts

These taxes are collected by the Commonwealth but are deposited directly into non budgetary trust funds for dedicated purposes. For example, the Massachusetts Convention Center Fund annually receives dedicated hotel and sales taxes to support restricted purposes, such as the annual debt service expenses associated with the construction of the Boston Convention and Exhibition Center.

Other Non Budgetary Revenue

The recording of cash collections of all non budgetary funds, except Lottery, Pension and non budgetary tax receipts.

Lottery Payments

Payment of prizes, commissions and bonuses that are paid by the Commission.

MBTA Sales Tax

The MBTA receives 1% of the first 5% of sales tax receipts, excluding meals (MGL Chapter 10, Section 35T). The dedicated sales tax growth is capped at 3% annually (based on the inflation index), but has not been achieved in recent years. This revenue is drawn down from the Fund on a monthly basis with a quarterly true-up.

MBTA Assessments

The Local Assessments (MGL Chapter 161A, Section 9) are contributed by the 175 cities and towns that are served by the MBTA. Each share is based on a weighted percentage of the total population of all the communities as published by the most recent state census. The total Local Assessment is certified before March 1 of each year and is now drawn down from the Fund on a monthly basis.

MSBA Payments

The Massachusetts School Building Authority (“MSBA”) receives a dedicated sales tax revenue amount equal to 1% of receipts from sales, as defined by G.L. Chapter 64H and G.L. Chapter 64I (exclusive of taxes on sale of meals and sales in certain convention center districts). By the 15th business day of each month, the Department of Revenue (“DOR”) identifies the dedicated sales tax revenue amount from the gross receipts of sales and purchases received by the Commonwealth the previous month, and the Comptroller credits that identified amount to the School Modernization and Reconstruction Trust Fund (“SMART Fund”). Within two business days of the Comptroller crediting the identified amount for the previous month to the SMART Fund, the Office of the State Treasurer disburses that amount from the SMART Fund to the MSBA’s trustee.

Pension Payments

Payments to beneficiaries of the state and teachers retirement systems, payments of refunds for excess collections or separation from state service.

Non Pooled / Trust / Fiduciary Fund Expenditures

Any payments made from non pooled funds require cash on hand at the time of expenditure. These funds may be recently collected through Other Non Budgetary Revenue or may require liquidation of invested income.

Other Non Budgetary Expenditures

Non budgetary expenditures that are supported by pooled cash.

General Fund Investment Earnings

Interest earned from deposits at local banks and the Commonwealth's pooled investment trust, the Massachusetts Municipal Depository Trust.

FEDERAL GRANTS SECTION

Total Federal Grants Revenue/Inflows

This line represents the funds that have been authorized by federal agencies for federal grant expenditures/outflows that a state agency has incurred. Agencies must comply with regulations issued by the Comptroller for application and receipt of federal grants, which are generally then appropriated in section 2D of the General Appropriation Act.

Total Federal Grants Expenditures/Outflows

This line represents funds spent by state agencies from federal grant appropriation accounts. In accordance with the Cash Management Improvement Act (CMIA) all expenses are scheduled to be disbursed by the state agencies and then drawdowns from the federal funding agencies are made to time receipt with the payments clearing the bank.

CAPITAL SECTION

Capital Inflow from Federal Reimbursements

This line represents funds provided to the Commonwealth from federal agencies for capital expenditures that qualify for full or partial reimbursement. For example, the Federal Transit Authority typically reimburses the Commonwealth for approximately 80% of costs associated with maintaining state roads and bridges.

Capital Inflow to General Fund from Segregated Bond Funds

This line represents the allocated bond proceeds transferred from the segregated bond fund to the General Fund for reimbursement of General Fund expenditures on capital projects.

Total Capital Expenditures/Outflows

This line represents capital spending funded through the Commonwealth's "bond cap", which is based on an annual Debt-Affordability Study and is approved through the Commonwealth's Five-Year Capital Investment Plan, as well as gross federally-reimbursable spending, capital expenditures related to the Accelerated Bridge Program, which is secured through a separate stream of revenue that is not included in the Commonwealth's Debt-Affordability Study, and lastly, projects funded through the Clean Energy Investment Program, whereby the debt is secured by future savings related to increased energy efficiency.

Commercial Paper

This line item represents the proceeds from the Commonwealth's sale of commercial paper. Commercial paper is a short-term financial obligation of the Commonwealth that has a fixed maturity of no more than 270 days.

Revenue Anticipation Notes (RANS)

This line represents the proceeds from the sale of Commonwealth of Massachusetts revenue anticipation notes (RANS). RANS are general obligations of the Commonwealth, of which the State's full faith and credit is pledged, with a maturity of less than one year. RANS are issued in order to manage the cyclical variability in the Commonwealth's cash flow operations. Generally, they are issued in the beginning of a fiscal year, in anticipation of revenue to be received towards the end of the fiscal year.

Commercial Paper – (Principal + Interest)

This line item represents the principal and interest debt service payments on the Commonwealth's commercial paper. Commercial paper is a short-term financial obligation of the Commonwealth that has a fixed maturity of no more than 270 days.

RANS – (Principal + Interest)

This line item represents the principal and interest debt service payments on RANS issued by the Commonwealth. RANS are general obligations of the Commonwealth, of which the Commonwealth's full faith and credit is pledged, and carry a maturity of less than one year. RANS are issued in order to manage the cyclical variability in the Commonwealth's cash flow operations. Generally, they are issued in the beginning of a fiscal year, in anticipation of revenue to be received towards the end of the fiscal year.

Opening Balance Segregated Bond Funds

This line item represents the opening balance within the Commonwealth's segregated bond fund. The segregated bond fund is separate from the Commonwealth's operating and budgetary funds and is only affected by the receipt of bond proceeds or the allocation of bond proceeds. The fund's opening balance at the beginning of a given day will be equal to the closing balance on the prior day.

Bonds

This line item represents the proceeds from the sale of Commonwealth bonds (both special obligation and general obligation).

BANs

This line item represents proceeds from the sale of bond anticipation notes. BANs allow the Commonwealth to access short-term liquidity for capital needs in anticipation of future longer-term borrowings.

Segregated Bond Funds Available

This represents the total sum of the fund's opening balance plus any bond or BAN proceeds.

Bond / BANs Proceeds Allocated

This represents any segregated funds allocated to the general fund for reimbursement of General Fund expenditures on capital costs.