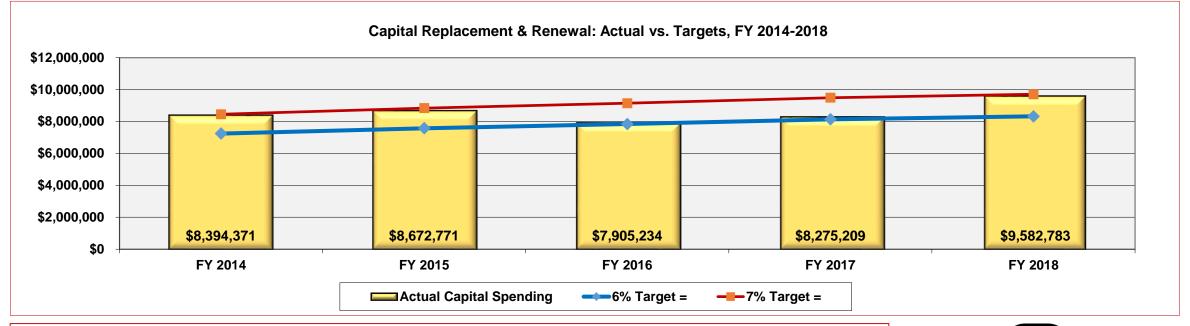
Capital Highlights

Select Board December 2nd, 2019

Financial Indicator - Capital





- <u>Trend Guideline</u>: A three or more year decline in capital spending form operating funds as a percentage of gross operating revenues is considered a warning indicator.
- <u>Analysis:</u> Timely replacement of capital equipment and infrastructure benefits the community in the long-run as it increases efficiency and keeps maintenance costs lower while providing better facilities to the general public. A decline of spending on capital over a three-year period is considered a warning sign by industry standards.



Expiring Debt & Hybrid Debt Service Structure

Debt Service Schedules

Final Year - Extinquishing Debt



General Fund Debt Service

11/15/2019

		Fiscal Year						
Year of Issue	Project		Principal		Interest			
2001	Septic Title V (MWPAT) T5-97-1026	\$	7,597	\$	209			
2010	Municipal Complex HVAC	\$	40,000	\$	1,300			
2012	Landfill Capping (Net of Surplus to G.C.) *Refunded (See Golf Course)	\$	89,460	\$	1,819			
2013	DPW Equip Recycling Packers	\$	125,000	\$	5,000			
2015	Fire - Ambulance #3	\$	40,000	\$	1,200			
2009	Kennedy Renovations	\$	120,000	\$	3,900			
2010	Memorial Renovations	\$	165,000	\$	5,363			
April 2017	IT - Telephone System Upgrade Software	\$	10,000	\$	200			
2015	Kennedy Middle School Portable Classrooms	\$	40,000	\$	1,200			
		\$	375,000	\$	11,863			
			2021	\$	386,863			

		 Fiscal Ye	ear 20)21
Year of Issue	Project	Principal		Interest
2011	Storage Bldg - Oak St Gravel Pit	\$ 10,000	\$	300
2011	Johnson Exterior Windows	\$ 10,000	\$	300
2011	Bldg Remodel - Police Dispatch	\$ 15,000	\$	450
2011	Replace DPW Dump Truck H-44	\$ 15,000	\$	450
2011	Replace DPW Dump Truck H-53	\$ 15,000	\$	450
2011	Johnson Boilers	\$ 20,000	\$	600
2014	DPW Equip Replace Dump Truck H-48	\$ 25,000	\$	1,000
2011	Memorial Fire Alarm System	\$ 25,000	\$	750
2014	DPW Equip Replace Hooklift H-51	\$ 30,000	\$	1,200
2014	DPW Equip Replace S-35 (Packer)	\$ 35,000	\$	1,400
2011	Fire - Engine Replacement	\$ 40,000	\$	1,200
2012	Bennett-Hemenway School *Refunded	\$ 43,000	\$	860
2014	Fire - Engine Replacement (#5)	\$ 70,000	\$	2,800
		\$ 353,000	\$	11,760
		2022	\$	364,760

Town of Natick, Massachusetts - DEBT EXCLUDED FROM PROP 2 1/2

Estimated Fire Station:

Maximum Term of Fire Station:

Amortization of Fire Station:

Projected Bond Rate for Fire Station:

\$15,600,000

20 years

HYBRID DEBT SERVICE

3.25%

 School Total Project Cost:
 \$ 109,560,000

 Est. MSBA Reimbursement (48.21%)
 \$ 37,313,724

 Est. Local Share of Project Costs:
 \$ 72,246,276

 Maximum Term of School:
 20 years

 Amortization of School:
 LEVEL DEBT SERVICE

 Projected Bond Rate for School:
 3.25%

Dated Date of Bonds: December 1, 2018 FY2018 Assessed Valuation: \$8,229,002,220

Financing Plan G - \$15.6M Fire Station 20yrs (Hybrid) & \$72.250M School 20yrs (Level)

EXEMPT General Fund Debt Service Only

	A	В	C	D (A	(-B-C)	E		F			3	
Fiscal Year	Existing Debt Service (see pages 2-4)	Less: Enterprise Supported Debt Service (see page 5)	Less: Existing General Fund NON-Exempt Debt Service (see pages 6-8)	Existing General Fund Exempt Debt Service (see page 9)	Existing Tax Rate Impact per \$1,000	Plus \$72.250M School Bonds (see pages 10 & 11)	Est. School Debt Service Tax Rate Impact per \$1,000	Plus \$15.6M Fire Station Bonds (see pages 10 & 11)	Est. Fire Station Debt Service Tax Rate Impact per \$1,000	Existing and Projected Exempt Debt Service (D+E+F)	Existing and Projected Est. Tax Rate Impact per \$1,000	Fiscal Year
2018	13,104,520	2,945,561	5,586,514	4,572,445	0.56	-	-	-	-	4,572,445	0.56	2018
2019	11,962,957	2,612,729	4,884,224	4,466,004	0.54	-	-	-	-	4,466,004	0.54	2019
2020	10,997,430	2,369,664	4,293,004	4,334,763	0.53	4,951,844	0.60	1,071,519	0.13	10,358,125	1.26	2020
2021	9,676,467	1,998,353	3,449,943	4,228,171	0.51	4,952,381	0.60	1,068,031	0.13	10,248,584	1.25	2021
2022	8,945,596	1,884,692	2,942,174	4,118,730	0.50	4,952,681	0.60	1,068,694	0.13	10,140,105	1.23	2022
2023	8,099,610	1,558,557	2,521,415	4,019,639	0.49	4,950,056	0.60	1,068,706	0.13	10,038,401	1.22	2023
2024	7,605,853	1,415,068	2,272,717	3,918,068	0.48	4,954,344	0.60	1,068,069	0.13	9,940,480	1.21	2024
2025	6,556,894	1,322,671	1,950,527	3,283,696	0.40	4,950,463	0.60	1,248,775	0.15	9,482,933	1.15	2025
2026	5,641,905	921,339	1,525,682	3,194,884	0.39	4,953,331	0.60	1,221,150	0.15	9,369,365	1.14	2026
2027	5,080,624	761,595	1,213,901	3,105,128	0.38	4,952,788	0.60	1,193,525	0.15	9,251,440	1.12	2027
2028	4,728,341	599,963	1,125,182	3,003,197	0.36	4,953,750	0.60	1,165,900	0.14	9,122,847	1.11	2028
2029	4,420,921	461,913	1,057,743	2,901,266	0.35	4,951,138	0.60	1,133,356	0.14	8,985,760	1.09	2029
2030	4,135,451	411,513	924,604	2,799,335	0.34	4,949,869	0.60	1,105,894	0.13	8,855,097	1.08	2030
2031	3,921,516	399,513	824,599	2,697,404	0.33	4,949,781	0.60	1,078,431	0.13	8,725,616	1.06	2031
2032	1,276,912	383,413	733,027	160,473	0.02	4,950,713	0.60	1,050,969	0.13	6,162,154	0.75	2032
2033	932,619	266,888	509,978	155,753	0.02	4,952,500	0.60	1,023,506	0.12	6,131,759	0.75	2033
2034	567,988	259,988	308,000	-	-	4,950,063	0.60	996,044	0.12	5,946,106	0.72	2034
2035	552,938	253,088	299,850	-	-	4,953,238	0.60	968,581	0.12	5,921,819	0.72	2035
2036	457,888	241,188	216,700	-	-	4,951,863	0.60	941,119	0.11	5,892,981	0.72	2036
2037	395,863	234,438	161,425	-	-	4,950,856	0.60	913,656	0.11	5,864,513	0.71	2037
2038	294,350	177,625	116,725	-	-	4,950,056	0.60	886,194	0.11	5,836,250	0.71	2038
2039	-	-	-	-	-	4,954,219	0.60	858,731	0.10	5,812,950	0.71	2039
2040	-	-	-	-	-	-	-	-	-			2040
2041	-	-	-	-	-	-	-	-	-			2041
2042	-	-	-	-	-	-	-	-	-			2042
2043	-	-	-	-	-	-	-	-	-			2043
2044	-	-	-		-	-	-	-	-			2044
Total	109,356,641	21,479,753	36,917,933	50,958,955		99,035,931		21,130,850		171,125,736		

Assumptions:

- Fire Station structured on a hybrid debt basis; level debt first 5yrs then equal/declining principal.
- School bonds structured on a level debt basis.
- Bonds structured a long first coupon; no impact in FY19.

Capital Items Over \$750k



Large Capital Projects(>\$750,000)

Note: This is list is for review and discussion. Further review and vetting is pending

11/15/2019

General Fund

recld	projTitle	2021	2022	2023	2024	2025	2026	Fiv	ve Yr Total
877	NHS - REBUILD MEMORIAL FIELD HOUSE	\$ -	\$ -	\$ -	\$	\$9,000,000	\$ -	\$	9,000,000
742	MEMORIAL SCHOOL - REPLACE EXTERIOR WINDOWS	\$ 90,000	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$	1,290,000
351	REPLACE L-1 WITH A PLATFORM/LADDER	\$ -	\$ -	\$1,500,000	\$ -	\$ -	\$ -	\$	1,500,000
1003	RENOVATE THE PRACTICE FIELD BY ADDING SYNTHETIC TURF MEMORIAL FIELD	\$ -	\$ -	\$2,000,000	\$ -	\$ -	\$ -	\$	2,000,000
194	CRUISER REPLACEMENT	\$ 325,000	\$ 335,000	\$ 340,000	\$ 345,000	\$ 350,000	\$ 355,000	\$	2,050,000
992	PUBLIC SAFETY RADIO OBSOLESCENCE MITIGATION/ENHANC	\$ -	\$ 1,540,000	\$ -	\$ -	\$ -	\$ -	\$	1,540,000
994	REPLACE POLICE/FIRE HDQTRS BACKUP GENERATORS	\$ -	\$ -	\$ -	\$ -	\$1,000,000	\$ -	\$	1,000,000
191	ROADS & SIDEWALKS (COLLECTOR/ARTERIAL)	\$ 1,500,000	\$ 1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$	9,000,000
182	ROADWAY & SIDEWALKS SUPPLEMENT	\$ 1,000,000	\$ 1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$	6,000,000
189	NORTH AVE AREA DRAINAGE IMPROVEMENTS	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	1,600,000
874	REPLACE PUBLIC WORKS BACKUP GENERATOR	\$ -	\$ 860,000	\$ -	\$	\$ -	\$ -	\$	860,000
496	PARK AND FIELD RENOVATIONS	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$	1,050,000
415	DOWNTOWN PARKING GARAGE	\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1	12,000,000
911	COLE RECREATION CENTER	\$ -	\$ -	\$ -	\$ -	\$9,500,000	\$ -	\$	9,500,000
412	IMPLEMENTATION OF GRAVEL PIT MASTER PLAN	\$ -	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$	1,250,000

\$ 59,640,000

Water Sewer Enterprise

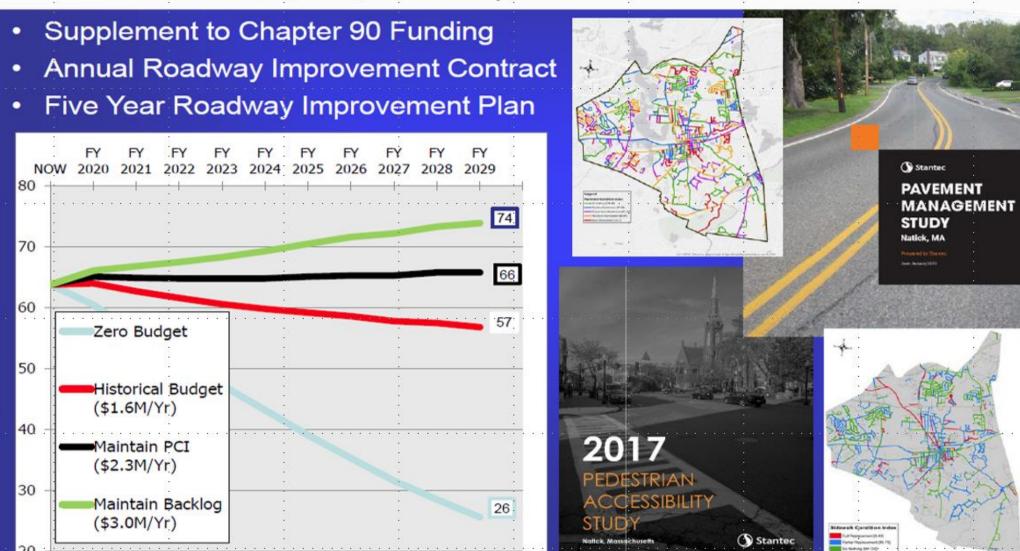
recld	projTitle	2021	2022	2023	2024	2025		2026	Total
938	SPRINGVALE WTF TONKA FILTER EXPANSION	\$ -	\$ -	\$8,500,000	\$ -	\$ -	\$	-	\$ 8,500,000
899	SEWER PUMP STATION REPLACEMENT	\$ -	\$ 400,000	\$ 420,000	\$ 420,000	\$ 420,000	\$	420,000	\$ 2,080,000
658	4M SEWER PUMP STATION FORCE MAIN REPLACEMENT	\$ 1,640,000	\$ -	\$ -	\$ -	\$ -	\$	-	\$ 1,640,000
984	SOUTH NATICK 16" WATER MAIN CLEANING	\$ -	\$ 1,220,000	\$ -	\$ -	\$ -	\$	-	\$ 1,220,000
83	REPLACE GROUND WATER WELLS	\$ 500,000	\$ 300,000	\$ 300,000	\$ -	\$ -	\$	-	\$ 1,100,000
982	HEALTH CENTER SPS BLDG REHAB	\$ -	\$ -	\$ 920,000	\$ -	\$ -	\$	-	\$ 920,000
226	SEWER COLLECTION SYSTEM REPAIRS & MAINT	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$	150,000	\$ 900,000
612	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$	150,000	\$ 900,000
233	BOOSTER PUMP - GLENRIDGE	\$ -	\$ 760,000	\$ -	\$ -	\$ -	\$	-	\$ 760,000
462	CAPT TOM'S BOOSTER PUMP	\$ -	\$ 760,000	\$ -	\$ -	\$ -	\$	-	\$ 760,000
302	WATER MAIN RELINING / REPLACEMENT	\$ 2,600,000	\$ 2,200,000	\$2,200,000	\$ 2,300,000	\$ 2,400,000	\$2	2,400,000	\$ 14,100,000

\$ 32,880,000

Capital Investments – FY21

Department of Public Works Roadway and Sidewalk Improvements

\$1,000,000 - Capital Stabilization Fund





Morse Library 5 Air Handling Units - \$300,000 Tax Levy Borrowing (610)



Bennett Hemenway Elementary Expand Parking Lot, Fire Alarm Panel Replacement, Painting Classrooms -\$275,000 Capital Stabilization (805, 1025, 791)



Replace Ambulance - \$300,000 Tax Levy Borrowing (672)



Cruiser Replacement - \$325,000 Capital Stabilization (194)



North Ave Area Drainage Improvements - \$1.6M Tax Levy Borrowing (189)



Park & Field Renovations - \$175,000 Capital Stabilization (496)