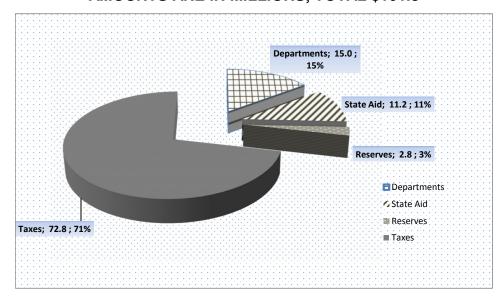
# THE TOWN OF NORWOOD SUPPLEMENTAL BUDGET DOCUMENTS FOR THE FISCAL 2018 ANNUAL TOWN MEETING

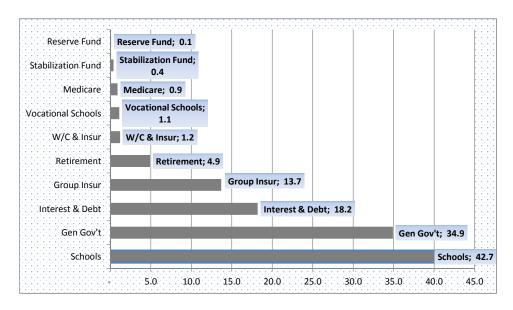
<u>Tab</u>	<u>Description</u>
08-01	Sources - "Where the Money Comes From"
08-01	Uses - "Where the Money Will be Spent"
08-02	Budget Balancing Recap FY2015 -FY2018
08-03	State Aid Details (Cherry Sheets) FY2013-FY2018
08-03	Free Cash History FY2012-FY2017
08-04	Stabilization Fund History FY2011 - FY2017
08-05	New Growth Tax Levy Additions FY2002 - FY2018
08-06	Real Estate Tax Analysis - Residential / Commercial
08-07	"At a Glance Report" from DOR about Norwood
08-08	Average Single Family Home Tax Bill comparison
08-09	Residential Electric Rate Comparison
08-10	Fiscal 2017 Broadband Activity Compared to Budget
08-11	Broadband Actuals on an Accrual Basis Calendar 2016
08-12	FY2018 Budget for Principal and Interest Payments
08-13	Staffing Levels - General Government
08-14	Staffing Levels - School Department
08-15	Budget Allocation - General Government and Schools

## WHERE THE FISCAL 2018 MONEY WILL COME FROM (EXCLUDING UTILITY RECEIPTS) AMOUNTS ARE IN MILLIONS, TOTAL \$101.8



THIS GRAPH DEPICTS THE RELATIVE SOURCES OF REVENUES THAT THE TOWN RECEIVES FROM ALL RECURRING NON-UTILITY SOURCES

## WHERE FISCAL 2018 MONEY WILL BE SPENT (EXCLUDING UTILITY EXPENDITURES) AMOUNTS ARE IN MILLIONS, TOTAL \$118.2



#### TOWN OF NORWOOD

#### BUDGET-BALANCING RECAP

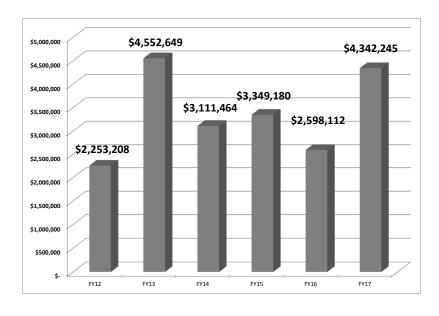
FISCAL 2015 - 2018

		TAX RATE RECAP		TAX RATE RECAP		TAX RATE RECAP	FINCOM
A. REVE	NUE ITEMS	FY2015		FY2016		FY2017	FY2018
TOWN	DEPARTMENTAL RECEIPTS						
1	NON-UTILITY DEPTS (DEPARTMENTAL RCTS)	\$ 12,947,013		\$ 13,997,514		\$ 14,650,869	\$ 14,955,364
	UTILITY RECEIPTS:	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-,,-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,
2	LIGHT DEPARTMENT	50,646,990		54,349,606		53,913,421	60,896,162
3	WATER / SEWER DEPT.	13,819,912		14,196,070		14,599,080	15,558,972
4	BROADBAND / CABLE	6,898,098		7,465,550		8,009,969	8,322,760
5	Subtotal - Utilities Operations	71,365,000		76,011,226		76,522,470	84,777,894
6	TOTAL DEPT. RECEIPTS	84,312,013		90,008,740		91,173,339	99,733,258
	E AID:						
7	CHERRY SHEET AID	10,088,933		10,343,688		10,788,056	11,177,813
TAX L	EVY:						
8	PRIOR YEAR LEVY CEILING	60,466,802		62,846,997		65,319,412	68,098,582
9	2.5% INCREASE (ON MAX)	1,511,420		1,571,175		1,632,985	1,702,465
10	NEW GROWTH LEVY ALLOWANCE	848,728		901,240		1,146,185	1,100,000
	S/T- LEVY LIMIT WITHOUT DEBT EXCLUSION	62,827,200		65,319,412		68,098,582	70,901,047
11	PROP 2 1/2 DEBT EXCLUSION LEVY	2,165,384		2,114,980		2,071,395	1,944,892
	TAX LEVY CEILING	64,992,584		67,434,392		70,169,977	72,845,939
12	MINUS UNUSED LEVY	(67,593)					
13	EQUALS ACTUAL TAX LEVY PER TAX RATE RECAP	64,924,991		67,434,392		70,169,977	72,845,939
EDOM SI	URPLUS(SAVINGS):						
T NOW 30	RECURRING SOURCES OF SURPLUS:						
14	FREE CASH- REDUCE THE LEVY	1,300,000		1,300,000		1,332,500	1,000,000
15	FREE CASH- TO OFFSET CAP. OUTLAY (ART 11)	208,976		137,375		183,020	
16	CEMETERY / TRANSFARE RECEIPTS/CON COM	190,000		190,000		190,000	218,000
17	SCHOOL GRANT 'EES HEALTH INSUR.	200,000		200,000		200,000	200,000
18	A.M.R. WATER METER FUND RECTS.	300,000		300,000		300,000	512,000
19	CH.90 HIGHWAY AID	921,883		889,737		880,178	862,984
20	S/T- RECURRING SURPLUS	3,120,859		3,017,112		3,085,698	2,792,984
		0,120,000		0,0,		0,000,000	2,102,001
21	NON-RECURRING SOURCES OF SURPLUS: STABILIZATION FUND						
22	PROCEEDS FROM SALE OF REAL ESTATE						
23	FROM APROPRIATIONS OF PRIOR YEARS	1,349,794		2,686,401			
24	LIGHT DEPT. RATE STABILIZATION FUND	800,000					
25	S/T- NON-RECURRING SURPLUS	2,149,794		2,686,401			
26	TOTAL SURPLUS (RECURRING + NON)	5,270,653		5,703,513		3,085,698	2,792,984
27	TOTAL ESTMATED REVENUES	\$ 164,596,590		\$ 173,490,333		\$ 175,217,070	\$ 186,549,994
B BUDG	ET REQUESTS:						
		e 21 007 005		¢ 20.050.705		¢ 22 604 070	e 24.007.440
28	GENERAL GOV'T BUDGETS	\$ 31,297,235		\$ 32,353,785		\$ 33,624,878	\$ 34,907,419
29	SCHOOL DEPT. BUDGET	38,464,631		39,931,205		40,933,188	42,709,864
30	SHARED COST BUDGETS	36,942,207		37,379,510		38,364,666	40,544,853
31	TOTAL TOWN BUDGET	106,704,073		109,664,500		112,922,732	118,162,136
32	UTILITY BUDGETS- Light Dept.	39,747,919		44,476,154		42,110,088	47,272,368
33	UTILITY BUDGETS- Water&Sewer	9,821,828		10,455,439		10,775,643	11,234,834
34	UTILITY BUDGETS- Broadband	5,997,520		6,721,753		6,782,560	7,097,370
35	Subtotal-Utilities Budgets	55,567,267		61,653,346		59,668,291	65,604,572
36	TOTAL TOWN BUDGETS	162,271,340		171,317,846		172,591,023	183,766,708
37	STATE CHERRY SHEET CHARGES	1,276,525		1,390,517		1,590,896	1,748,512
38	Cherry Sheet Offsets	59,966		35,565		33,913	34,774
39	OVERLAY REQUIREMENTS	750,000		746,405		1,000,000	1,000,000
40	OVERLAY Deficit	238,759	L	-		1,238	
41	TOTAL BUDGET REQUESTS	\$ 164,596,590		\$ 173,490,333		\$ 175,217,070	\$ 186,549,994
42	Surplus or (Deficit)	\$ (0)		\$ -		\$ -	\$ -
<u> </u>	<del></del>		•	<u> </u>	•		<u> </u>

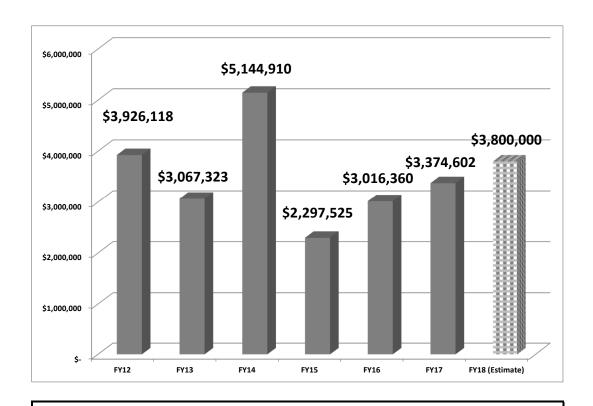
#### TOWN OF NORWOOD STATE CHERRY SHEET AID DETAILS FY2018

State Aid Category	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Actual	FY17 Estimate	FY18 Estimate	
CSI C-13 AID TO VETS, BLIND	\$ 207,572	\$ 219,828	\$ 210,211	\$ 228,256	\$ 226,609	\$ 199,079	
	,	,			,		
CSI-SCHOOL LUNCH	22,953	23,359	23,171	-	-	-	
CSI-CHARTER SCHOOL ASSESSMENT	32,913	78,691	16,074	40,883	113,318	127,444	
CSI A-1: SCHOOL AID CH.70	5,111,751	5,372,189	5,663,726	5,751,026	5,941,876	6,169,755	
CSI A-2: UNRESTRICTED GEN GOVT	3,934,274	4,027,272	4,138,956	4,287,958	4,472,340	4,646,761	
CSI STATE AID TO LIBRARIES	27,287	27,820	36,795	35,565	33,913	34,774	
TOTAL STATE CHERRY SHEET AI	\$ 9,336,750	\$ 9,749,159	\$ 10,088,933	\$ 10,343,688	\$ 10,788,056	\$ 11,177,813	
	106.2%	104.4%	103.5%	102.5%	104.3%	103.6%	

## TOWN OF NORWOOD HISTORY OF CERTIFIED FREE CASH AT BEGINNING OF FISCAL YEAR



## TOWN OF NORWOOD HISTORY OF STABILIZATION FUND BALANCES AT BEGINNING OF FISCAL YEAR



#### Minimum Required Replenishment Amount per DPW Memorandum of Agreement

<u>Fiscal Year</u> 7/1/2018	<u>Amount</u>	Projected Balance \$3,800,000
2018	405,864	4,205,864
2019	428,571	4,634,435
2020	428,571	5,063,006
2021	428,571	\$5,491,577

The projection above assumes no earnings or withdrawals for other projects. This table is demonstrates that the DPW Funding plan will successfully replenish balances in the Stabilization Fund.

### TOWN OF NORWOOD TAX LEVY INCREASES FROM NEW GROWTH PER ASSESSORS RECORDS

#### **NEW GROWTH HISTORY**

YEAR		Residential		Commercial	Personal Ppty.			otal New Growth
2002	\$	99,300	\$	46,952	\$	274,210	\$	420,462
2003	\$	98,084	\$	85,126	\$	230,090	\$	413,300
2004	\$	204,125	\$	42,796	\$	294,989	\$	541,910
2005	\$	239,314	\$	183,835	\$	263,795	\$	686,944
2006	\$	204,555	\$	411,513	\$	327,464	\$	943,532
2007	\$	308,918	\$	228,430	\$	358,052	\$	895,400
2008	\$	155,282	\$	278,162	\$	529,163	\$	962,607
2009	\$	180,723	\$	296,591	\$	798,267	\$	1,275,581
2010	\$	244,569	\$	201,795	\$	420,637	\$	867,001
2011	\$	218,676	\$	102,533	\$	552,968	\$	874,177
AVERAGE	\$	195,355	\$	187,773	\$	404,964	\$	788,091
YEAR		Residential		Commercial		Personal Ppty.		Total New Growth
2012	\$	207,972	\$	25,914	\$	566,783	\$	800,669
2013	\$	115,615	\$	181,041	\$	570,469	\$	867,125
2014	\$	146,145	\$	381,347	\$	438,896	\$	966,388
		· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	\$	
2015	\$	160,185	\$	307,416	\$	400,924		868,525
2016	\$	41,781	\$	253,425	\$	606,034	\$	901,240
2017	\$	350,319	\$	255,579	\$	540,287	\$	1,146,185
6 Year Average	\$	170,336	\$	234,120	\$	520,566	\$	925,022
Estimated Ne	w Grow	th						
2018							\$	1,100,000

<sup>(\*\*</sup> Fiscal 2012 also had Steward Norwood Hospital of \$984,000, excluded here as a one-off)

#### TOWN OF NORWOOD TAX RECAP 2017

\_\_

PAGE 2 PAGE 3 PAGE 4 PAGE 1 I. TAX RATE SUMMARY Total amount to be raised (from IIe) 176,872,810.05 Ib. Total estimated receipts and other revenue sources (from IIIe) 106,712,479.00 Ic. Tax Levy (Ia minus Ib) 70,160,331.05 Id. **Distribution of Tax Rates and levies** (c) Ic above times (d) Valuation by class (from LA-5) (b) Levy percentage (from LA5) (e) Tax Rates (c) / (d) x 1000 (f) Levy by class (d) x (e) / 1000 CLASS each percent in col (b) Residential 55.2100 3,474,007,745.00 38,735,186.36 38,735,518.77 11.15 **Net of Exempt Open Space** 0.0000 0.00 0.00 0.00 0.00 Commercial 20,931,913.81 931,975,508.00 29.8344 22.46 20,932,169.91 **Net of Exempt Industrial** 7,887,354.26 351,173,456.00 22.46 11.2419 7,887,355.82 SUBTOTAL 96.2863 4,757,156,709.00 67,554,712.09 Personal 22.46 3.7137 2,605,544.21 116,011,530.00 2,605,618.96 TOTAL 100.0000 4,873,168,239.00 70,160,331.05

#### **Current Documents**



Residential Value \$3,474,007,745 divided by Total Value \$4,873,168,239 = 71.3% Commercial Value \$1,399,160,494 divided by Total Value \$4,873,168,239 = 28.7%

Residential Tax Levy \$38,735,186 divided by Total Levy \$70,160,331 = 55.2% Commercial Tax Levy \$31,425,145 divided by Total Levy \$70,160,331 = 44.8%

So residents have 71.3% of the Value and only pay 55.2% of the Tax Burden.

#### DLS At A Glance Report for Norwood

Socioeconomic	
County	NORFOLK
School Structure	K-12
Form of Government	REP TOWN MEETING
2013 Population	28,951
2015 Labor Force	16,159
2015 Unemployment Rate	4.10
2012 DOR Income Per Capita	36,466
2009 Housing Units per Sq Mile	1139.79
2013 Road Miles	123.78
EQV Per Capita (2014 EQV/2013 Population)	152,783
Number of Registered Vehicles (2012)	27,188
2012 Number of Registered Voters	20,723

Bond Ratings	
Moody's Bond Ratings as of December 2015*	
Standard and Poor's Bond Ratings as of December 2015*	AA+

\*Blank indicates the community has not been rated by the bond agency

Fiscal Year 2017 Esimated Cherry Sheet Aid								
Education Aid	6,055,194							
General Government	4,732,862							
Total Receipts	10,788,056							
Total Assessments	1,590,896							
Net State Aid	9,197,160							

Fiscal Year 2017 Tax Classification									
Tax Classfication	Assessed Values	Tax Levy	Tax Rate						
Residential	3,474,007,745	38,735,186	11.15						
Open Space	0	0	0						
Commerical	931,975,508	20,932,170	22.46						
Industrial	351,173,456	7,887,356	22.46						
Personal Property	116,011,530	2,605,619	22.46						
Total	4,873,168,239	70,160,331							

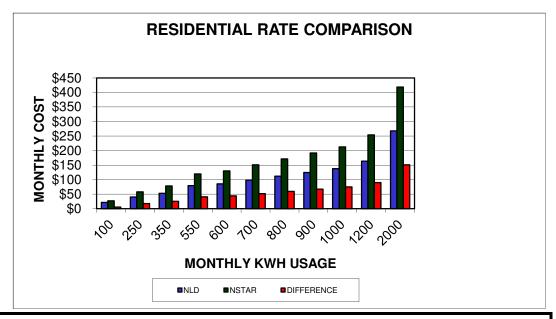
Fiscal Year 2017 Revenue by Source								
Revenue Source	Amount	% of Total						
Tax Levy	70,160,331	39.67						
State Aid	10,788,056	6.1						
Local Receipts	91,173,339	51.55						
Other Available	4,751,084	2.69						
Total	176,872,810							

Fiscal Year 2017 Propos	sition 2 1/2 Levy Capacity
New Growth	1,146,185
Override	
Debt Exclusion	2,071,395
Levy Limit	70,169,977
Excess Capacity	9,646
Ceiling	121,829,206
Override Capacity	53,730,624

## AVERAGE SINGLE FAMILY TAX BILLS CONTIGUOUS TOWNS FISCAL 2016

Municipality		1 Income er Capita		2013 pulation	State Aid	Moody's Bond Rating	S&P Bond Rating	A S F	2016 verage Single Family ax Bill
Wellesley	\$	138,036	\$	29,090	\$ 9,252,390	Aaa	AAA	\$	13,971
Newton		103,939		87,971	26,104,050	Aaa			10,728
Westwood		89,407		14,876	7,007,459	Aa1	AAA		10,312
Medfield		77,499		12,313	7,358,252	Aa1			10,309
Sharon		56,677		18,027	10,441,604	Aa3	AA		10,148
Needham		87,232		29,736	10,811,766		AAA		9,587
Milton		57,880		27,270	9,945,010		AAA		8,155
Norfolk		43,801		11,689	4,459,742	Aa3	AA+		7,946
Walpole		42,409		24,818	10,328,669	Aa2			6,952
Natick		47,566		35,214	13,016,665		AAA		6,868
Medway		42,181		13,053	11,836,814	Aa3	AA+		6,825
Dedham		43,117		25,299	7,641,434		AAA		6,509
Canton		48,593		22,221	7,918,831		AAA		6,285
Mansfield		39,976		23,566	22,544,774	Aa2	AA+		6,053
Foxborough		40,568		17,257	10,621,713	Aa2	AA+		6,021
Wrentham		47,602		11,268	5,007,634	Aa2	AA+		5,920
Stoughton		28,058		28,106	18,907,940	Aa3			4,597
Randolph		24,010		33,456	21,715,121		AA-		4,530
Braintree		35,722		36,727	21,103,515	Aa2	AA+		4,339
AVERAGE	\$	57,593	\$	26,419	\$ 12,422,283			\$	7,687
Norwood	\$	33,973	\$	28,951	\$ 10,343,688		AA+	\$	4,443
Average To	wn S	ingle Fa	mily	/ Tax Ra	ate is higher	than Norwo	od by	73	3.0%

#### NORWOOD RESIDENTIAL RATE VERSUS SURROUNDING TOWNS USING EVERSOURCE



RESIDENTIAL RATE COMPARISON BETWEEN NORWOOD ELECTRIC AND EVERSOURCE ELECTRIC												
MONTHL' USAGE		NLD 1/1/2017	EVERSOURCE 3/1/2017	Monthly Difference	Annual Difference	%						
100	\$	21.51	\$27.04	\$5.52	\$66	26%						
250	\$	40.09	\$57.95	\$17.86	\$214	45%						
350	\$	53.10	\$78.55	\$25.45	\$305	48%						
550		\$79.14	\$119.76	\$40.63	\$488	51%						
600	\$	85.65	\$130.07	\$44.42	\$533	52%						
700	\$	98.66	\$150.67	\$52.01	\$624	53%						
800	\$	111.68	\$171.28	\$59.60	\$715	53%						
900	\$	124.70	\$191.88	\$67.19	\$806	54%						
1000	\$	137.71	\$212.49	\$74.78	\$897	54%						
1200	\$	163.74	\$253.70	\$89.96	\$1,079	55%						
2000	\$	267.88	\$418.55	\$150.67	\$1,808	56%						
2500	\$	332.96	\$521.58	\$188.62	\$2,263	57%						
5000	\$	658.37	\$1,036.73	\$378.36	\$4,540	57%						

### NORWOOD CABLE/BROADBAND Budget versus actual for current fiscal 2017

				Ori	gin	al Budget	Pro	ojection F	<b>Y2</b>	017				
	Cı	ustomers						Re	evenue					
Month	CATV	INT	VOIP	Sevices					Other		Total			
										-				
Jul-16	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Aug-16	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Sep-16	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Oct-16	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Nov-16	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Dec-16	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Jan-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Feb-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
	Budget t	hrough Fel	bruary		\$	2,365,040	\$	2,028,640	\$	588,800	\$	356,000	\$	5,338,480
]														
Mar-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Apr-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
May-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
Jun-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	44,500	\$	667,310
	Fiscal 2017	Budget			\$	3,547,560	\$	3,042,960	\$	883,200	\$	534,000	\$	8,007,720

		Actı	ual FY2	017 thro	ugl	h February	aı	nd Projec	tec	for FY20	)17	•			
	Cı	ustomers	 }	Services				Reve	nu	<u></u> е					
Month	CATV	INT	VOIP		CATV			Internet		Voip		Other		Total	
Jul-16	3969	4099	2307	10375	\$	301,345	\$	247,266	\$	75,810	\$	29,801	\$	654,222	
Aug-16	3966	4138	2317	10421	\$	306,114	\$	249,631	\$	80,540	\$	31,398	\$	667,683	
Sep-16	3962	4161	2317	10440	\$	313,519	\$	252,401	\$	78,920	\$	31,130	\$	675,971	
Oct-16	3946	4179	2307	10432	\$	302,504	\$	255,551	\$	77,217	\$	31,634	\$	666,907	
Nov-16	3949	4197	2312	10458	\$	305,955	\$	256,794	\$	77,779	\$	32,395	\$	672,922	R
Dec-16	3941	4223	2307	10471	\$	311,715	\$	258,421	\$	77,824	\$	35,259	\$	683,219	1
Jan-17	3910	4215	2298	10423	\$	298,896	\$	256,457	\$	75,108	\$	33,411	\$	663,871	Е
Feb-17	3906	4230	2287	10423	\$	304,588	\$	259,543	\$	79,679	\$	31,471	\$	675,280	
	Actual t	hrough Fel	oruary		\$	2,444,636	\$	2,036,065	\$	622,875	\$	256,498	\$	5,360,074	\$
	0005	4000	0000	40005	•	005.000	•	050 500	I	70.000	•	0.700	Φ.	000 510	
Mar-17	3995	4090	2300			295,630	\$	253,580	\$	73,600	\$	3,708	\$	626,518	
Apr-17	3995	4090	2300			295,630	\$	253,580	\$	73,600	\$	3,708	\$	626,518	
May-17	3995	4090	2300			295,630	\$	253,580	\$	73,600	\$	3,708	\$	626,518	
Jun-17	3995	4090	2300	10385	\$	295,630	\$	253,580	\$	73,600	\$	3,708	\$	626,518	
				0	\$	3,627,156	\$	3,050,385	\$	917,275	\$	271,332	\$	7,866,148	

### Norwood Municipal Broadband Statement of Income on Accrual Basis For the Twelve Months Ending December 31, 2016 and 2015

		Current				Year to		Year to
		Month	P	rior Month		Date		Date
	Г	ecember	•	December		December		December
		2016		2015		2016	•	2015
REVENUES		2010		2015		2010		2013
Installation Revenue	\$	765	\$	5,540	\$	63,111	\$	87,298
Equipment Revenue	Ψ.	8,610	Ţ	2,907	Y	54,710	Y	65,845
Cable Revenue - Residential		264,166		249,928		3,118,672		2,943,720
Cable Revenue - Commercial		8,368		7,544		95,467		90,088
Internet Revenue - Residential		207,308		192,953		2,388,737		2,293,351
Internet Revenue - Commercial		50,184		46,233		587,766		531,227
VolP Revenue		66,452		65,427		796,979		784,949
Premium Channel Revenue		17,062		18,098		208,122		219,695
Pay Per View/VOD Revenue		6,648		6,463		63,727		129,078
Refunds		580		3,093		15,596		17,691
Other Subscriber Revenue		294		339		2,900		3,423
Advertising Revenue		5,403		2,620		25,471		22,258
Other Income		21,195		17,587		232,785		207,972
Interest Income		5		3		51		267,372
TOTAL REVENUES	\$		\$		\$	7,654,093	\$	7,396,620
TOTAL REVENUES	<u>&gt;</u>	657,038	<u> </u>	618,736	Ş	7,654,093	<del>&gt;</del>	7,396,620
COST OF SALES								
Programming Fees	\$	232,175	\$	228,516	\$	2,841,409	\$	2,889,158
Signal Fees - Internet		69,718		67,869		832,450		768,410
TOTAL COST OF SALES		301,893	_	296,386		3,673,859		3,657,568
GROSS PROFIT		355,145		322,351		3,980,234		3,739,052
EXPENSES								
Local Prog. Exp Signal		-		-		1,594		-
Other Misc Operating Expense		-		1,894		2,683		10,956
CC Fees		884		770		9,516		9,230
Acctg & Coll/Billing System		8,180		15,724		106,837		97,430
Advertising		10,689		43,489		401,789		426,354
Bad Debt Expense		123		-		44,909		36,405
Cable Support Services		69,315		53,998		594,014		583,237
Internet Support Services		33,737		9,726		380,692		269,375
Station Support Expense		-		614		1,213		8,515
Gen'l & Admin Salaries		11,019		10,721		111,532		111,512
Pension and Benefits		15,972		51,751		139,653		166,402
Repairs and Maintenance - Eq		-		-		576		27,331
Repairs & Maint - Gen'l Plant		2,376		102		64,928		13,418
Truck Expense		1,315		1,215		49,976		26,692
Software Maintenance		1,944		1,949		23,361		42,414
Maintenance Underground Lines		-		-		4,711		167
Office Supplies and Expense		-		-		288		533
Outside Services Employed		-		-		2,000		2,031
Miscellaneous General Expenses		-		-		5,932		58,614
Operating Misc. Dist.		890		2,325		13,854		5,136
Local Prog. Product. & Supply		-		-		-		2,775
Depreciation Expense		99,051		97,130		1,188,611		1,165,560
Interest Expense - Bond		10,095		14,834		134,661		192,762
TOTAL EXPENSES		265,589	_	306,241	_	3,283,331	_	3,256,851
NET INCOME	\$	89,556	\$	16,110	\$	696,903	\$	482,201
	_		_		_		_	•

### TOWN OF NORWOOD DEBT SUMMARY FOR FISCAL 2018 BUDGET

	UTILITIES										
Inside Principal	2017	2018	2019	2020	2021	2022					
Broadband	92,000	291,600	227,000	227,000	227,000	195,000					
Water and Sewer	542,763	890,552	831,713	834,226	763,312	771,947					
Electric	100,000	100,000	90,000	90,000	1,280,000	1,280,000					
Inside	734,763	1,282,152	1,148,713	1,151,226	2,270,312	2,246,947					
Outside Principal											
Broadband	660,000	645,000	633,000	626,000	616,000	605,000					
Water and Sewer	545,982	509,189	470,689	406,396	350,000	300,168					
Electric	6,790,000	7,265,000	7,387,900	7,519,000	6,365,000	5,977,000					
Outside	7,995,982	8,419,189	8,491,589	8,551,396	7,331,000	6,882,168					
Inside Interest											
Broadband	8,705	6,145	3,785	2,625	1,465	225					
Water and Sewer	309,379	424,336	405,304	384,896	364,323	343,580					
Electric	126,690	258,470	255,970	253,733	227,170	176,370					
Inside	444,774	688,951	665,059	641,254	592,958	520,175					
moldo				041,234	332,330	320,173					
Outside Interest											
Broadband	133,182	132,997	107,250	80,290	51,740	22,320					
Water and Sewer	5,349	10,444	9,506	8,675	8,006	7,406					
Electric	2,348,468	2,002,817	1,640,477	1,384,661	111,579	849,751					
Outside	2,486,999	2,146,258	1,757,233	1,473,626	171,325	879,477					
TOTAL LITH ITIES	11 000 510	10 500 550	10.000.504	11 017 500	10.005.505	10 500 707					
TOTAL UTILITIES	11,662,518	12,536,550	12,062,594	11,817,502	10,365,595	10,528,767					
	DEBT	SERVICE RELA	ATED TO TAX	LEVY							
D: 0 10 .		4 000 000	4 005 400	4 00 4 000	4 500 000						
Prin-General Government	1,318,000	1,982,600	1,935,100	1,834,000	1,598,000	1,422,000					
Prin-General Government Int-General Government	641,600	534,320	467,093	398,019	335,744	278,971					
Int-General Government	641,600 1,959,600	534,320 2,516,920	467,093 2,402,193	398,019 2,232,019	335,744 1,933,744	278,971 1,700,971					
Int-General Government Prin-Schools	641,600 1,959,600 539,000	534,320 2,516,920 770,000	467,093 2,402,193 720,000	398,019 2,232,019 705,000	335,744 1,933,744 599,000	278,971 1,700,971 531,000					
Int-General Government	641,600 1,959,600 539,000 172,471	534,320 2,516,920 770,000 165,815	467,093 2,402,193 720,000 143,370	398,019 2,232,019 705,000 122,241	335,744 1,933,744 599,000 103,660	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools	641,600 1,959,600 539,000	534,320 2,516,920 770,000	467,093 2,402,193 720,000	398,019 2,232,019 705,000	335,744 1,933,744 599,000	278,971 1,700,971 531,000					
Int-General Government Prin-Schools	641,600 1,959,600 539,000 172,471	534,320 2,516,920 770,000 165,815	467,093 2,402,193 720,000 143,370	398,019 2,232,019 705,000 122,241	335,744 1,933,744 599,000 103,660	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools	641,600 1,959,600 539,000 172,471	534,320 2,516,920 770,000 165,815	467,093 2,402,193 720,000 143,370 863,370	398,019 2,232,019 705,000 122,241	335,744 1,933,744 599,000 103,660 702,660	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools Int-Schools	641,600 1,959,600 539,000 172,471 711,471	770,000 165,815 935,815	467,093 2,402,193 720,000 143,370	398,019 2,232,019 705,000 122,241 827,241	335,744 1,933,744 599,000 103,660 702,660	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools Int-Schools Prin-Landfill	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools Int-Schools Prin-Landfill	641,600 1,959,600 539,000 172,471 711,471	770,000 165,815 935,815	467,093 2,402,193 720,000 143,370 863,370	398,019 2,232,019 705,000 122,241 827,241 85,000	335,744 1,933,744 599,000 103,660 702,660	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools Int-Schools Prin-Landfill	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400	278,971 1,700,971 531,000 87,235					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400	278,971 1,700,971 531,000 87,235					
Int-General Government Prin-Schools Int-Schools Prin-Landfill Int-Landfill	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375 91,375	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400	278,971 1,700,971 531,000 87,235 618,235					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375 91,375	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400	278,971 1,700,971 531,000 87,235 618,235					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515 124,884 25,000 149,884	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375 91,375 11,011 1 11,012	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 10,391	278,971 1,700,971 531,000 87,235 618,235 - - - - 9,784 2 9,786					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515 124,884 25,000	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1)	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375 91,375 11,011 1	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400	278,971 1,700,971 531,000 87,235 618,235					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515 124,884 25,000 149,884	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647	398,019 2,232,019 705,000 122,241 827,241 85,000 6,375 91,375 11,011 1 11,012	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 10,391	278,971 1,700,971 531,000 87,235 618,235 - - - - 9,784 2 9,786					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515 124,884 25,000 149,884	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647	398,019 2,232,019 705,000 122,241 827,241  85,000 6,375 91,375  11,011 1 11,012  3,161,647	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 10,391 2,735,195	278,971 1,700,971 531,000 87,235 618,235 - - - - 9,784 2 9,786 2,328,992					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj  RELATED TO TAX LEVY  Prin-High School Exclusion	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070 2,950,356 1,250,000	534,320 2,516,920 770,000 165,815 935,815 90,000 12,515 102,515 124,884 25,000 149,884 3,705,134	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647 3,373,025	398,019 2,232,019 705,000 122,241 827,241  85,000 6,375 91,375  11,011 1 11,012  3,161,647  1,253,000	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 10,391 2,735,195 1,239,000	278,971 1,700,971 531,000 87,235 618,235 - - - 9,784 2 9,786 2,328,992 1,239,000					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj  RELATED TO TAX LEVY  Prin-High School Exclusion	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070 2,950,356 1,250,000 474,995	90,000 12,515 935,815 102,515 124,884 25,000 149,884 1,254,800 690,092	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647 3,373,025 1,250,000 643,296	398,019 2,232,019 705,000 122,241 827,241  85,000 6,375 91,375  11,011 1,012  3,161,647  1,253,000 591,111	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 	278,971 1,700,971 531,000 87,235 618,235 - - - 9,784 2 9,786 2,328,992 1,239,000 492,886					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj  RELATED TO TAX LEVY  Prin-High School Exclusion Int-High School Exclusion	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070 2,950,356 1,250,000 474,995 1,724,995	3,705,134 1,254,800 690,092 1,3923,625	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647 3,373,025 1,250,000 643,296 1,893,296	398,019 2,232,019 705,000 122,241 827,241  85,000 6,375 91,375  11,011 1,012  3,161,647  1,253,000 591,111 1,844,111  13,590,633	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 10,391 2,735,195 1,239,000 539,146 1,778,146	278,971 1,700,971 531,000 87,235 618,235 					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj  RELATED TO TAX LEVY  Prin-High School Exclusion Int-High School Exclusion  Total Principal Total Interest	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070 2,950,356 1,250,000 474,995 1,724,995 11,952,262 4,385,607	3,705,134 1,254,800 690,092 1,3923,625 4,262,951	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647 3,373,025 1,250,000 643,296 1,893,296	398,019 2,232,019 705,000 122,241 827,241  85,000 6,375 91,375  11,011 1,012  3,161,647  1,253,000 591,111 1,844,111	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 	278,971 1,700,971 531,000 87,235 618,235 					
Int-General Government  Prin-Schools Int-Schools  Prin-Landfill Int-Landfill  Treasurer-Prin Adj Treasurer-Int Adj  RELATED TO TAX LEVY  Prin-High School Exclusion Int-High School Exclusion	641,600 1,959,600 539,000 172,471 711,471 90,000 15,215 105,215 24,517 149,553 174,070 2,950,356 1,250,000 474,995 1,724,995	3,705,134 1,254,800 690,092 1,3923,625	467,093 2,402,193 720,000 143,370 863,370 86,000 9,815 95,815 11,648 (1) 11,647 3,373,025 1,250,000 643,296 1,893,296	398,019 2,232,019 705,000 122,241 827,241  85,000 6,375 91,375  11,011 1,012  3,161,647  1,253,000 591,111 1,844,111  13,590,633	335,744 1,933,744 599,000 103,660 702,660 85,000 3,400 88,400 10,391 10,391 2,735,195 1,239,000 539,146 1,778,146	278,971 1,700,971 531,000 87,235 618,235 					

#### TOWN OF NORWOOD PRINCIPAL AND INTEREST - FY 2018 BUDGET

INSIDE THE DEBT LIMIT	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	2022
PRINCIPAL						
Principal Payments Covered by USER FEES:						
1/15/2011 Broadband Equipment (I)	32,000	32,000	32,000	32,000	32,000	-
1/16/2014 Broadband (I)	60,000	60,000	-	-	-	-
7/28/2016 Broadband - Cable Modem Term &		199,600	195,000	195,000	195,000	195,000
Subtotal Broadband Principal	92,000	291,600	227,000	227,000	227,000	195,000
8/25/2004 MWPAT 99-30 (I)	10,730	10,591	10,391	10.229	_	_
8/25/2004 MWPAT 98-78 (I)	35,362	39,876	39,142	38,547	_	_
6/13/2012 MWPAT CW-10-02 (I)	69,034	70,534	72,067	73,633	75,234	76,869
5/20/2013 MWRA Sewer (I)	66,000	66,000	-	-	•	-
5/20/2013 MWRA Sewer (I)	93,843	95,882	97,966	100,095	102,271	104,494
3/2/2015 MWRA Sewer (I)	16,291	16,291	16,291	16,291		-
4/27/2015 MWRA Sewer (I)	14,300	14,300	14,300	14,300	4.055	4.000
2/11/2016 MCWT CW-11-12-A (I) 2/11/2016 MCWT CWP-13-19 (I)	4,455 106,748	4,552 109,068	4,651 111,439	4,752 113,861	4,855 116,335	4,960 118,864
7/28/2016 Water - Route One Meter Pit (O)	100,746	20,000	20,000	15,000	15,000	15,000
Sewer - MCWT CWP 15-08 - 2/1/1	_	92,457	94,466	96,519	98,617	100,760
Plus 60% of DPW Principal	126,000	351,000	351,000	351,000	351,000	351,000
Subtotal Sewer Principal	542,763	890,552	831,713	834,226	763,312	771,947
10/15/2009 Electric Light Dept. Equip. Upgrade	75,000	75,000	70,000	70,000	<u>-</u>	<u>-</u>
1/26/2012 Plant Extension (I)	25,000	25,000	20,000	20,000	20,000	20,000
7/28/2016 Adv Ref of 8 15 09 Electric Settlem	100,000	100,000	90,000		1,260,000	1,260,000
Subtotal Electric Principal	100,000	100,000	90,000	90,000	1,280,000	1,280,000
INSIDE PRINCIPAL PD BY UTIL CHARGES	734,763	1,282,152	1,148,713	1,151,226	2,270,312	2,246,947
8/15/2007 Town Hall Remodeling and Constru	25,000	25,000	-	-	-	-
8/15/2007 Police and Fire Station Construction	45,000	45,000	-	-	-	-
8/15/2007 Police and Fire Station Remodeling 1/15/2009 Playgrounds (I)	20,000 11,000	20,000 11,000	11,000	-	-	-
1/15/2009 Senior Center (I)	79,000	79,000	77,000	-	-	_
10/15/2009 Fire Departmental Equipment (I)	60,000	60,000	60,000	60,000	_	_
10/15/2009 Outdoor Recreational Facilities (I)	20,000	20,000	20,000	20,000	30,000	30,000
10/15/2009 Police/Fire Building Repairs (I)	10,000	10,000	10,000	10,000	25,000	25,000
2/15/2010 Adv Ref January 15 2001 Library R	65,000	65,000	60,100	-	-	-
1/15/2011 DPW (I)	25,000	25,000	25,000	25,000	25,000	-
1/15/2011 Playground Imrpovements (I)	20,000	20,000	20,000	20,000	20,000	405.000
2/1/2011 Fire & Police Station (I) 1/26/2012 Boilers/Heating System (I)	465,000 45,000	460,000 45,000	450,000 45,000	445,000 45,000	440,000 45,000	435,000 45,000
1/26/2012 Remodeling (I)	30,000	30,000	30,000	30,000	30,000	30,000
1/26/2012 Departmental Equipment (I)	115,000	-	-	-	-	-
1/26/2012 Town Hall Repair Planning (I)	40,000	-	-	-	-	-
1/26/2012 Emergency Alert System (I)	5,000	-	-	-	-	-
1/26/2012 Equipment (I)	5,000	-	-	-	-	-
1/26/2012 Bucket Truck (I)	10,000	10,000	10,000	10,000	10,000	10,000
1/26/2012 CMTS Upgrade (I) 1/16/2014 Fire Truck (I)	25,000 80,000	80,000	80,000	75,000	75,000	75,000
6/26/2014 DPW Facility (I)	210,000	210,000	210,000	210,000	210,000	210,000
6/26/2014 Less 60% allocated to Water Dept	(126,000)	(126,000)	(126,000)	(126,000)	(126,000)	(126,000)
4/23/2015 Adv Ref 8 15 05 - Police/Fire Static	30,000	30,000	30,000	29,000	29,000	23,000
4/23/2015 Adv Ref 8 15 07 - Town Hall Remo	1,000	1,000	26,000	25,000	25,000	25,000
4/23/2015 Adv Ref 8 15 07 - Police/Fire Static	2,000	2,000	46,000	46,000	45,000	45,000
4/23/2015 Adv Ref 8 15 07 - Police/Fire Static	1,000	1,000	21,000	15,000	15,000	15,000
7/28/2016 Adv Ref of 1 15 09 Playgrounds (I)	-	-	-	11,000	11,000	11,000
7/28/2016 Adv Ref of 1 15 09 Senior Center (I 7/28/2016 DPW Facility (I)	-	375,000	375,000	74,000 375,000	74,000 375,000	74,000 375,000
7/28/2016 DFW Facility (I) 7/28/2016 Less 60% allocated to Water Dept	- 1	(225,000)	(225,000)	(225,000)	(225,000)	(225,000)
7/28/2016 Public Works Equipment - Mini Exc	- 1	30,000	25,000	25,000	(,	(=20,300)
7/28/2016 Public Works Equipment - Sidewall	-	40,000	40,000	40,000	-	-
PAGE 8-12B Princip	oal I					

### TOWN OF NORWOOD PRINCIPAL AND INTEREST - FY 2018 BUDGET

	<u>2017</u>	2018	<u>2019</u>	2020	<u>2021</u>	2022
7/28/2016 Public Works Equipment - 1 Ton Di	-	20,000	20,000	15,000		
7/28/2016 Public Works Equipment - Asphalt	-	17,000	15,000	10,000	-	-
7/28/2016 Fire Department - Ambulance #3 B	- '	100,000	95,000	95,000	-	-
7/28/2016 Land Acquisition - Nichols St. (I)	-	30,000	30,000	30,000	30,000	30,000
7/28/2016 Public Works Equipment (I)	-	85,000	80,000	80,000	80,000	-
7/28/2016 Morrill Memorial Library Improveme	-	39,000	40,000	40,000	35,000	-
7/28/2016 Rec. Department - Replace Eliot Fi	-	60,000	60,000	60,000	60,000	60,000
7/28/2016 Hawes Pool Bathhouse Replaceme	-	40,000	40,000	40,000	40,000	40,000
7/28/2016 Hawes Pool Bathhouse Engineering	-	15,000	15,000	15,000	15,000	15,000
7/28/2016 Additional Public Works Construction	-	5,000	5,000	5,000	5,000	5,000
7/28/2016 Public Works Equipment - 1 Ton Di	-	18,000	10,000	10,000	10,000	10,000
7/28/2016 Public Works Equipment - Front En	-	35,000	35,000	35,000	30,000	30,000
7/28/2016 Public Works Equipment - Used Sc	-	10,000	10,000	10,000	10,000	5,000
7/28/2016 Cemetery Chapel Renovations - De	-	45,000	45,000	45,000	45,000	45,000
7/28/2016 Cemetery Improvement - Asphalt F	-	15,000	15,000	10,000	10,000	10,000
7/28/2016 Permanent Sidewalks - Reconst. &	-	20,000	20,000	20,000	20,000	20,000
7/28/2016 Playground Maintenance - Coakly I	-	20,000	20,000	20,000	20,000	20,000
7/28/2016 Playground Maintenance - Coakly I	-	25,000	25,000	25,000	25,000	25,000
7/28/2016 Coakley Field Outdoor Lighting (I)	-	20,000	20,000	20,000	20,000	20,000
7/28/2016 Airport 0 F350 Truck with Plow (I)	-	5,600	5,000	-	-	-
7/28/2016 Airport - 6 Wheel F650 Truck with F	-	6,000	5,000	5,000	5,000	5,000
7/28/2016 Airport - New Sander/Hopper Unit (	-	2,000	-	-	-	-
7/28/2016 Airport - Snow Broom (I)		7,000	5,000	5,000	5,000	5,000
Subtotal Gen Govt Principal	1,318,000	1,982,600	1,935,100	1,834,000	1,598,000	1,422,000
0/45/0007.0.1.1.1.	00 000	45.000				
8/15/2007 School Remodeling (I)	20,000	15,000	-	-	-	-
1/15/2009 School Remodeling (I)	22,000	22,000	22,000	-	-	-
1/15/2009 School Technology (I) 10/15/2009 School Building Repairs (I)	23,000 30,000	23,000 30,000	25 000	35,000	45,000	45,000
1/15/2009 School Building Repairs (I)	38,000	38,000	35,000 38,000	38,000	38,000	45,000
2/1/2011 School Remodeling (I)	70,000	70,000	70,000	70,000	70,000	70,000
1/26/2012 School Lighting Replacement (I)	40,000	40,000	40,000	40,000	35,000	35,000
1/26/2012 School Computer Technology (I)	25,000				-	-
3/29/2012 Adv Ref 11 1 02 -School (I)	80,000	80,000	80,000	75,000	75,000	70,000
3/29/2012 Adv Ref 11 1 02 -School Remodelii	55,000	55,000	55,000	50,000	50,000	40,000
1/16/2014 High School (OE)	135,000	135,000	135,000	135,000	135,000	135,000
4/23/2015 Adv Ref 8 15 07 - School Remodel	1,000	1,000	15,000	15,000	15,000	15,000
7/28/2016 Adv Ref of 1 15 09 School Remode	-	-	-	22,000	21,000	21,000
7/28/2016 School - Dump & Pick-Up Truck (I)	-	30,000	30,000	30,000	-	-
7/28/2016 School - Lunch Truck (I)	-	15,000	10,000	10,000	-	-
7/28/2016 School - Prescott Floor Tile Comple	-	6,000	5,000	5,000	5,000	5,000
7/28/2016 School Tech - Network Infrastructur	-	25,000	20,000	20,000	-	-
7/28/2016 Elem/Middle School Interactive Dev	-	18,000	15,000	15,000	-	-
7/28/2016 Elem/Middle School Savage PC Re	-	40,000	35,000	35,000	-	-
7/28/2016 Callahan School Boiler Replaceme	-	16,000	15,000	15,000	15,000	15,000
7/28/2016 Repair/Resurface Coakly Mid. Scho	-	15,000	15,000	15,000	15,000	15,000
7/28/2016 School Technology Plans (I)	-	15,000	15,000	15,000	15,000	15,000
7/28/2016 School - Replace F450 Dump Trucl	-	15,000	10,000	10,000	10,000	10,000
7/28/2016 School - Replace Trim Coakley Por	-	5,000	5,000	5,000	5,000	5,000
7/28/2016 School - Cleveland Floor Tile Repla	-	17,000	15,000	15,000	15,000	15,000
7/28/2016 School Technology - 6 Chromebool	-	15,000	15,000	10,000	10,000	10,000
7/28/2016 School Tech - 13 Interactive Projec	-	6,000	5,000	5,000	5,000	-
7/28/2016 School Tech - 7 SMART Boards &	-	8,000	5,000	5,000	5,000	
7/28/2016 School Tech - Security Cameras U	<u>-</u>	15,000	15,000	15,000	15,000	10,000
Subtotal School Principal	539,000	770,000	720,000	705,000	599,000	531,000
General Principal Covered by Tax Levy	1,857,000	2,752,600	2,655,100	2,539,000	2,197,000	1,953,000
Concrait intolpal Govered by Tax Levy	1,007,000	2,132,000	2,000,100	2,333,000	2,137,000	1,333,000
TOTAL INSIDE DEBT PRINCIPAL	2,591,763	4,034,752	3,803,813	3,690,226	4,467,312	4,199,947
PAGE 8-12C Princi	pal					

#### TOWN OF NORWOOD PRINCIPAL AND INTEREST - FY 2018 BUDGET

	<u>2017</u>	<u>2018</u>	<u>2019</u>	2020	2021	2022
OUTSIDE THE DEBT LIMIT PRINCIPAL						
Principal Payments Covered by User Fees						
2/1/2011 Cable TV (O)	415,000	405,000	400.000	395,000	390.000	385,000
3/29/2012 Adv Ref 11 1 02 -Community Cable	160,000	155,000	150,000	150,000	145,000	140,000
4/23/2015 Adv Ref 8 15 05 - Broadband (O)	85,000	85,000	83,000	81,000	81,000	80,000
Subtotal Broadband Principal	660,000	645,000	633,000	626,000	616,000	605,000
·						
8/31/2006 MWRA Water (O)	86,793	-	-	-	-	-
8/15/2007 MWRA Water (O)	38,500	38,500	-	-	-	-
8/21/2008 MWRA Water (O)	64,293	64,293	64,293	-	-	-
8/17/2009 MWRA Water (O)	51,396	51,396	51,396	51,396	-	-
10/15/2009 Water Department Equipment (O)	5,000	5,000	5,000	5,000	-	-
8/16/2010 MWRA Water (O)	49,832	49,832	49,832	49,832	49,832	-
8/8/2011 MWRA Water (O)	50,168	50,168	50,168	50,168	50,168	50,168
7/23/2012 MWRA Water (O)	50,000	50,000	50,000	50,000	50,000	50,000
7/15/2013 MWRA Water (O)	50,000	50,000	50,000	50,000	50,000	50,000
8/25/2014 MWRA Water (O)	50,000	50,000	50,000	50,000	50,000	50,000
8/10/2015 MWRA Water (O)	50,000	50,000	50,000	50,000	50,000	50,000
8/8/2016 MWRA Water (O)		50,000	50,000	50,000	50,000	50,000
Subtotal Water Principal	545,982	509,189	470,689	406,396	350,000	300,168
1/15/2008 Electric (O)	3,625,000	3,790,000	-	-	-	-
4/23/2015 Adv Ref 1 15 08 - Electric (O)	-	-	3,929,000	4,064,000	4,260,000	4,462,000
8/15/2009 Electric Judgment/Settlement (O)	1,335,000	1,335,000	1,335,000	1,335,000	<u>-</u>	
8/15/2009 Taxable Electric (O)	900,000	900,000	900,000	900,000	900,000	900,000
10/15/2009 Electric Light Dept. Expansion (O)	300,000	300,000	300,000	300,000	300,000	300,000
2/15/2010 Adv Ref January 15 2001 Electric §	630,000	620,000	603,900	600,000	590,000	-
7/28/2016 Light Department - Transmission Li	<del></del> _	320,000	320,000	320,000	315,000	315,000
Subtotal Light Dep. Principal	6,790,000	7,265,000	7,387,900	7,519,000	6,365,000	5,977,000
2/15/2010 Adv Ref January 15 2001 Landfill C	90,000	90,000	86,000	85,000	85,000	-
Principal Covered by DEBT EX	CLUSION					
8/15/2009 High School Planning (OE)	255.000	255,000	255.000	255.000	_	_
7/28/2016 Adv Ref of 8 15 09 High School Pla	255,000	200,000	233,000	200,000	240,000	240,000
8/15/2009 High School Construction (OE)	830,000	830,000	830,000	830,000		-
7/28/2016 Adv Ref of 8 15 09 High School Co	-	4,800	-	3,000	834,000	834,000
1/16/2014 High School (OE)	165,000	165,000	165,000	165,000	165,000	165,000
Subtotal Schl Debt Exclusion	1,250,000	1,254,800	1,250,000	1,253,000	1,239,000	1,239,000
TOTAL OUTCIDE DEDT DRINGIDAL	0.225.000	0.762.000	0.007.500	0.000.000	0.655.000	0 101 100
TOTAL OUTSIDE DEBT PRINCIPAL	9,335,982	9,763,989	9,827,589	9,889,396	8,655,000	8,121,168
Treasurer adi	9,397	8,885	8,357	7,863	7,388	6.929
MWPAT Loan Origination Fees - P	15,120	12,571	0,337	7,005	7,500	0,323
MWPAT Administrative Fees - Proje	,	3,428	3,290	3,148	3,003	2,855
Treasurer adj to original budget 20.	-	100,000	3,290	-	-	
TOTAL PRINCIPAL PAYERS	44.050.00:	10.000.00=	10.010.010	40 F00 00 '	10 100 700	10.000.000
TOTAL PRINCIPAL PAYMENTS	11,952,261	13,923,625	13,643,049	13,590,634	13,132,703	12,330,899
PAGE 8-12D Princi	pal					

#### TOWN OF NORWOOD PRINCIPAL AND INTEREST - FY 2018 BUDGET

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	2022
INSIDE THE DEBT LIMIT INTEREST						
Interest Payments Covered by USER FEES:	Ī					
1/15/2011 Broadband Equipment (I)	4,880	3,920	2,960	2,000	1,040	-
1/26/2012 Broadband Bucket Truck (I)	1,425	1,025	825	625	425	225
1/16/2014 Broadband (I)	2,400	1,200		<u>-</u>	<u> </u>	<u>-</u>
Subtotal Broadband Interest	8,705	6,145	3,785	2,625	1,465	225
8/25/2004 MWPAT 99-30 (I)	488	175	_	_	_	-
8/25/2004 MWPAT 98-78 (I)	1,781	643	-	-	-	-
6/13/2012 MWPAT CW-10-02 (I)	27,341	25,946	24,520	23,063	21,574	20,053
5/20/2013 MCWT CW-11-12 - (I)	38,106	36,229	34,311	32,352	30,350	28,304
2/11/2016 MCWT CW-11-12-A (I)	2,043	2,113	2,022	1,929	1,834	1,737
2/11/2016 MCWT CWP-13-19 (I) 2/1/2017 Sewer - MCWT 2,285,644	48,967	50,644 43,681	48,463 43,864	46,234 41,974	43,957 40,044	41,630 38,072
Plus 60% of DPW Interest	190,653	264,904	252,124	239,344	226,564	213,784
Subtotal Sewer Interest	309,379	424,336	405,304	384,896	364,323	343,580
	ĺ	ŕ				
10/15/2009 Electric Light Dept. Equip. Upgrade	6,863	4,800	2,800	963	-	-
1/26/2012 Plant Extension (I) 7/28/2016 Adv Ref of 8 15 09 Electric Settlem	3,150	2,150 251,520	1,650 251,520	1,250	850	450 175 000
Subtotal Light Dept Interest	116,677 <b>126,690</b>	251,520 258,470	251,520 255,970	251,520 253,733	226,320 <b>227,170</b>	175,920 <b>176,370</b>
Subtotal Light Dept interest	120,090	230,470	233,970	233,733	227,170	170,370
INSIDE INTEREST PAID BY USERS	444,774	688,951	665,059	641,254	592,958	520,175
9/15/2007 Town Hall Demodeling and Constru	1 700	E20				
8/15/2007 Town Hall Remodeling and Constru 8/15/2007 Police and Fire Station Construction	1,700 3,060	538 968	_	-	-	-
8/15/2007 Police and Fire Station Remodeling	1,360	430	_	-	-	-
1/15/2009 Playgrounds (I)	2,104	880	440	-	-	-
1/15/2009 Senior Center (I)	17,314	6,240	3,080	-	-	-
10/15/2009 Fire Departmental Equipment (I)	5,700	4,050	2,400	825	-	-
10/15/2009 Outdoor Recreational Facilities (I)	4,450	3,900	3,350	2,825	2,100	1,200
10/15/2009 Police/Fire Building Repairs (I) 2/15/2010 Adv Ref January 15 2001 Library R	3,200 6,304	2,925 4,354	2,650 2,404	2,388	1,875	1,125
1/15/2011 DPW (I)	3,813	3,063	2,313	1,563	813	_
1/15/2011 Playground Improvements (I)	3,050	2,450	1,850	1,250	650	-
2/1/2011 Fire & Police Station (I)	87,100	73,225	58,450	42,788	26,200	8,700
1/26/2012 Boilers/Heating System (I)	6,413	4,613	3,713	2,813	1,913	1,013
1/26/2012 Remodeling (I)	4,275	3,075	2,475	1,875	1,275	675
1/26/2012 Departmental Equipment (I) 1/26/2012 Town Hall Repair Planning (I)	4,600 1,600	-	_	-	-	-
1/26/2012 Emergency Alert System (I)	200	_	_	_	_	_
1/26/2012 Equipment (I)	200	-	-	-	-	-
1/26/2012 CMTS Upgrade (I)	1,000	-	-	-	-	-
1/16/2014 Fire Truck (I)	23,438	21,838	20,238	18,638	17,138	15,638
6/26/2014 DPW Facility (I)	200,550	196,350	190,050	183,750	177,450	171,150
6/26/2014 Less 60% allocated to Water Dept 3/26/2015 DPW BAN 7,500,000	(120,330) 137,917	(117,810)	(114,030)	(110,250)	(106,470)	(102,690)
3/26/2015 Ambul 3, BAN 290,000	5,333	_	_	_	_	_
3/26/2015 Mini Excavator BAN 80,000	1,471	-	-	-	-	-
3/26/2015 Bombadier BAN 120,000	2,207	-	-	-	-	-
3/26/2015 1Ton Dump Tr BAN 55,000	1,011	-	-	-	-	-
3/26/2015 Asphalt Box BAN 42,000	772	-	-	-	-	-
3/26/2015 Dump/Pickup BAN 90,000 3/26/2015 Conservation Land BAN 525,000	1,655 9,654	-	_	-	-	-
4/23/2015 Adv Ref 8 15 05 - Police/Fire Static	6,415	5,815	5,215	4,408	3,320	2,280
4/23/2015 Adv Ref 8 15 07 - School Remodeli	3,235	3,215	3,055	2,643	2,080	1,480
4/23/2015 Adv Ref 8 15 07 - Town Hall Remo	5,405	5,385	5,115	4,418	3,480	2,480
4/23/2015 Adv Ref 8 15 07 - Police/Fire Static	9,730	9,690	9,210	7,945	6,240	4,440
4/23/2015 Adv Ref 8 15 07 - Police/Fire Statio	3,355	3,335	3,115	2,643	2,080	1,480
8/28/2015 PW Equio BAN 325,000	5,976	-	-	-	-	-
8/28/2015 Library BAN 154,000	2,832	-	-	-	-	-

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### TOWN OF NORWOOD PRINCIPAL AND INTEREST - FY 2018 BUDGET

	2017	<u>2018</u>	<u>2019</u>	2020	<u>2021</u>	2022
8/28/2015 Coakley Drive BAN 200,000	3,678		<del></del> -			
8/28/2015 Eliot Field Li BAN 800,000	14,711	-	-	-	-	-
8/28/2015 Coakley Lights BAN 280,000 8/28/2015 Hawes Bath BAN 800,000	5,149 14,711	-	-	-	-	-
6/3/2016 PW Constrc BAN 60,000	93	-	-	-	-	-
7/28/2016 Adv Ref of 1 15 09 Playgrounds (I)	705	1,520	1,520	1,300	860	420
7/28/2016 Adv Ref of 1 15 09 Senior Center (I	6,866	14,800	14,800	13,320	10,360	7,400
7/28/2016 DPW Facility (I)	117,204	245,156	230,156	215,156	200,156	185,156
7/28/2016 Less 60% allocated to Water Dept	(70,323)	(147,094)	(138,094)	(129,094)	(120,094)	(111,094)
7/28/2016 Public Works Equipment - Mini Exc 7/28/2016 Public Works Equipment - Sidewall	1,484 2,227	2,600 4,000	1,500 2,400	500 800	-	-
7/28/2016 Public Works Equipment - 1 Ton Di	1,021	1,800	1,000	300	-	_
7/28/2016 Public Works Equipment - Asphalt	779	1,340	700	200	-	-
7/28/2016 Fire Department - Ambulance #3 B	5,381	9,600	5,700	1,900	-	<u>-</u>
7/28/2016 Land Acquisition - Nichols St. (I)	8,333	17,363	16,163	14,963	13,763	12,563
7/28/2016 Public Works Equipment (I) 7/28/2016 Morrill Memorial Library Improveme	6,031 2,858	11,300 5,380	8,000 3,800	4,800 2,200	1,600 700	-
7/28/2016 Rec. Department - Replace Eliot Fi	13,346	27,569	25,169	22,769	20,369	17,969
7/28/2016 Hawes Pool Bathhouse Replaceme	12,502	26,150	24,550	22,950	21,350	19,750
7/28/2016 Hawes Pool Bathhouse Engineering	4,688	9,806	9,206	8,606	8,006	7,406
7/28/2016 Additional Public Works Construction	1,067	2,200	2,000	1,800	1,600	1,400
7/28/2016 Public Works Equipment - 1 Ton Di 7/28/2016 Public Works Equipment - Front En	1,076 3,062	1,960	1,400	1,000	600	200
7/28/2016 Public Works Equipment - Used Sc	835	5,900 1,600	4,500 1,200	3,100 800	1,800 400	600 100
7/28/2016 Cemetery Chapel Renovations - De	4,175	8,100	6,300	4,500	2,700	900
7/28/2016 Cemetery Improvement - Asphalt F	1,113	2,100	1,500	1,000	600	200
7/28/2016 Permanent Sidewalks - Reconst. &	4,108	8,456	7,656	6,856	6,056	5,256
7/28/2016 Playground Maintenance - Coakly I	4,859	10,075	9,275	8,475	7,675	6,875
7/28/2016 Playground Maintenance - Coakly I 7/28/2016 Coakley Field Outdoor Lighting (I)	5,926 4,650	12,275 9,625	11,275 8,825	10,275 8,025	9,275 7,225	8,275 6,425
7/28/2016 Coakiey Fleid Culdoor Lighting (I) 7/28/2016 Airport 0 F350 Truck with Plow (I)	197	312	100	0,025	7,225	0,423
7/28/2016 Airport - 6 Wheel F650 Truck with F	482	920	700	500	300	100
7/28/2016 Airport - New Sander/Hopper Unit (	37	40	-	-	-	-
7/28/2016 Airport - Snow Broom (I)	501	940	700	500	300	100
Subtotal Gen Govt Interest	641,600	534,320	467,093	398,019	335,744	278,971
8/15/2007 School Remodeling (I)	1,145	323	-	-	-	-
1/15/2009 School Remodeling (I)	4,895	1,760	880	-	-	-
1/15/2009 School Technology (I)	1,840	920	-	-	-	- 0.475
10/15/2009 School Building Repairs (I) 1/15/2011 School Building Repairs (I)	7,313 5,795	6,488 4,655	5,600 3,515	4,681 2,375	3,525 1,235	2,175
2/1/2011 School Remodeling (I)	13,650	11,550	9,275	6,825	4,200	1,400
1/26/2012 School Lighting Replacement (I)	5,488	3,888	3,088	2,288	1,488	788
1/26/2012 School Computer Technology (I)	1,000	-	-	-	-	-
3/29/2012 Adv Ref 11 1 02 -School (I)	9,200	7,600	6,000	4,400	2,900	1,400
3/29/2012 Adv Ref 11 1 02 -School Remodelii	6,100	5,000	3,900	2,800	1,800	800 55 549
1/16/2014 High School (OE) 3/26/2015 Sc Lunch Tr BAN 35,000	69,048 644	66,348	63,648	60,948	58,248	55,548
3/26/2015 Sc Prescott Floor BAN 96,000	1,765	-	_	-	-	_
3/26/2015 Sc Network Wire BAN 65,000	1,195	-	-	-	-	-
3/26/2015 Sc Elem MS Inter BAN 48,000	883	-	-	-	-	-
3/26/2015 Sc Mid/El/Sava BAN 110,000	2,023	-	-	-	-	-
3/26/2015 Sc Boilers MSBA BAN 500,000	9,194	-	-	-	-	-
8/28/2015 Sc Tech BAN 125,000 7/28/2016 Adv Ref of 1 15 09 School Remode	2,299 1,967	4,240	4,240	3,800	2,940	2,100
7/28/2016 School - Dump & Pick-Up Truck (I)	1,670	3,000	1,800	600	-	-
7/28/2016 School - Lunch Truck (I)	649	1,100	600	200	-	-
7/28/2016 School - Prescott Floor Tile Comple	1,512	3,139	2,919	2,719	2,519	2,319
7/28/2016 School Tech - Network Infrastructur	1,206	2,100	1,200	400	-	-
7/28/2016 Elem/Middle School Interactive Dev 7/28/2016 Elem/Middle School Savage PC Re	891 2,041	1,560 3,600	900 2 100	300 700	-	-
7/28/2016 Callahan School Boiler Replaceme	3,608	3,600 7,458	2,100 6,838	6,238	5,638	5,038
7/28/2016 Repair/Resurface Coakly Mid. Scho	3,392	7,013	6,413	5,813	5,213	4,613
PAGE 8-12F Interes						
	I					

### TOWN OF NORWOOD PRINCIPAL AND INTEREST - FY 2018 BUDGET

	<u>2017</u>	<u>2018</u>	2019	2020	<u>2021</u>	2022
7/28/2016 School Technology Plans (I)	2,319	4,700	4,100	3,500	2,900	2,300
7/28/2016 School - Replace F450 Dump Trucl 7/28/2016 School - Replace Trim Coakley Por	1,021 835 <b> </b>	1,900 1,700	1,400 1,500	1,000 1,300	600 1,100	200 900
7/28/2016 School - Cleveland Floor Tile Repla	4,656	9,696	9,056	8,456	7,856	7,256
7/28/2016 School Technology - 6 Chromebool	1,113	2,100	1,500	1,000	600	200
7/28/2016 School Tech - 13 Interactive Projec	390	720	500	300	100	
7/28/2016 School Tech - 7 SMART Boards &	427	760	500	300	100	-
7/28/2016 School Tech - Security Cameras U	1,299	2,500	1,900	1,300	700	200
Subtotal School Interest	172,471	165,815	143,370	122,241	103,660	87,235
General Interest Covered by Tax Levy	814,071	700,135	610,463	520,260	439,404	366,206
TOTAL INSIDE DEBT INTEREST	1,258,845	1,389,085	1,275,521	1,161,513	1,032,362	886,381
OUSIDE THE DEBT LIMIT						
Interest Payments Covered by USER FEES:						
2/1/2011 Cable TV (O)	77,200	64,900	51,825	37,913	23,200	7,700
3/29/2012 Adv Ref 11 1 02 -Community Cable	18,000	14,800	11,700	8,700	5,700	2,800
4/23/2015 Adv Ref 8 15 05 - Broadband (O)	19,805	18,105	16,425	14,178	11,140	7,920
7/28/2016 Broadband - Cable Modem Term &	18,177	35,192	27,300	19,500	11,700	3,900
Subtotal Broadband Interest	133,182	132,997	107,250	80,290	51,740	22,320
10/15/2009 Water Department Equipment (O)	475	338	200	69	-	-
7/28/2016 Water - Route One Meter Pit (O)	4,874	10,106	9,306	8,606	8,006	7,406
Subtotal Water Interest	5,349	10,444	9,506	8,675	8,006	7,406
1/15/2008 Electric (O)	370.750	189,500	_	_	_	_
8/15/2009 Electric Judgment/Settlement (O)	200,250	146,850	93,450	33,375	-	-
8/15/2009 Taxable Electric (O)	598,950	559,575	519,075	478,575	437,513	395,325
10/15/2009 Electric Light Dept. Expansion (O)	74,625	66,375	58,125	50,250	41,625	32,625
2/15/2010 Adv Ref January 15 2001 Electric §	106,256	87,356	68,756	44,600	23,600	<u>-</u>
4/23/2015 Adv Ref 1 15 08 - Electric (O)	756,180	756,180	716,890	606,480	450,160	275,720
8/28/2015 Lt Trans BAN 8,000,000 7/28/2016 Light Department - Transmission Li	147,111 94,346	- 196,981	- 184,181	- 171,381	- 158,681	- 146,081
Subtotal Elec Dept Interest	2,348,468	2,002,817	1,640,477	1,384,661	1,111,579	849,751
·	2,340,400	2,002,017	1,040,477	1,304,001	1,111,579	049,751
2/15/2010 Adv Ref Landfill Closure (O)	15,215	12,515	9,815	6,375	3,400	-
General Interest Covered by Debt	Exclusion					
8/15/2009 High School Planning (OE)	38,250	28,050	17,850	6,375	-	-
8/15/2009 High School Construction (OE)	124,500	91,300	58,100	20,750	-	-
1/16/2014 High School (OE)	85,633	82,333	79,033	75,733	72,433	69,133
7/28/2016 Adv Ref of 8 15 09 High School Pla 7/28/2016 Adv Ref of 8 15 09 High School Co	42,041 184,571	90,628 397,782	90,628 397,686	90,628 397,626	85,828 380,886	76,228 347,526
Subtotal Int Debt Exclusion	474,995	690,092	643,296	591,111	539,146	492,886
TOTAL OUTSIDE DEBT INTEREST	2,977,209	2,848,865	2,410,345	2,071,113	1,713,871	1,372,364
	_,,	_,:::,:::	_,,	_,0::,,::0	1,1 10,011	-,
Amortization of Exempt Premium	(55,375)					
MWPAT Administrative Fees - Proj	4,124					
Treasurer adj to original budget 20°	200,805	25,000	-	-	-	1
TOTAL INTEREST PAYMENTS	4,385,608	4,262,951	3,685,866	3,232,626	2,746,233	2,258,746
TOTAL PRINCIPAL PAYMENTS TOTAL INTEREST PAYMENTS	11,952,261 4,385,608	13,923,625 4,262,951	13,643,049 3,685,866	13,590,634 3,232,626	13,132,703 2,746,233	12,330,899 2,258,746
TOTAL PRINCIPAL AND INTEREST PAYMEN	16,337,869	18,186,576	17,328,915	16,823,260	15,878,936	14,589,645
TO THE PROPERTY OF THE PARTY OF	. 5,551,666	.5,.50,5.0	,,	. 5,525,255		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

PAGE 8-12G Interest and Summary Page

#### GENERAL GOVERNMENT HISTORICAL STAFFING ANALYSIS FTES (FULL TIME EQUIVALENTS)

	FY2009	FY2010	FY2011	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	
General Government:	FTEs									
Board of Selectmen	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
General Manager	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
Town Clerk & Accountant	8.0	8.0	8.0	7.7	7.7	7.7	7.7	7.7	7.7	
Human Resources	1.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Treasurer	8.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
Assessors	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Engineering	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Elections and Registration	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Municipal Building Maintenar	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Municipal Building Office	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Council on Aging	3.0	3.0	3.0	4.5	4.5	4.5	5.5	5.5	5.5	
Veterans	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Planning Board	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	
Board of Appeals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	
Conservation Commission	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
Computer Services	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	
Building Inspector	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Animal Control	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Board of Health	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
Recreation	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
Library	20.0	20.0	20.0	20.0	21.0	21.0	21.0	21.0	21.0	
Retirement Office	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Airport	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Police Department	71.0	70.0	70.0	69.0	69.0	69.0	71.0	71.0	72.0	
Fire Department	73.0	71.0	71.0	70.0	71.0	70.0	69.0	69.0	69.0	
Public Works and Cemetery	52.0	53.0	51.0	50.5	50.5	50.5	50.5	50.5	50.0	
Subtotal Non-Utilities	280.5	281.6	279.6	278.3	280.3	279.3	281.3	281.9	283.9	
Utility Departments Paid by Receipts:										
Light Department	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
Broadband	10.0	10.0	9.0	9.0	9.0	9.0	9.0	10.0	10.0	
General Government Total	327.5	328.6	325.6	324.3	326.3	325.3	327.3	328.9	330.9	

#### SCHOOL DEPT STAFFING HISTORY (FULL TIME EQUIVALENTS)

YEAI	R FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18
SUPERINTENDENT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ASST SUPERINTENDENT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
BUSINESS MANAGER	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DIR STUDENT SERVICES	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DIR TECHNOLOGY	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0
CENTRAL ADMIN TOTAL	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0
PRINCIPALS	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
VICE PRINCIPALS	1.0	1.0	1.0	1.0	1.0	3.0	3.0	1.0	1.0
HOUSE MASTERS		1.8	1.8	2.4	2.4		0.0	2.0	2.0
BUILDING ADMIN TOTAL	9.0	10.8	10.8	11.4	11.4	11.0	11.0	11.0	11.0
CURR CHAIRS	0.0	0.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0
DIRECTORS	4.0	5.0	2.0	4.3	4.8	4.0	4.0	4.0	4.0
SPED COORDINATORS/LDRS	2.0	3.8				3.8	3.8	3.8	3.8
	0.0								
DIR/COORDINATOR TOTAL	6.0	8.8	5.0	8.3	8.8	8.8	8.8	8.8	8.8
TEACHERS/ INSTR. AIDES	347.8	354.8	343.9	350.1	360.1	360.5	361.2	374.0	389.1
NURSES/PHYSICIAN TOTAL	9.4	9.4	9.0	10.4	9.4	9.4	9.4	9.4	9.4
NOTICES/TITICIONAL TOTAL	0.4	J1	0.0	10.4	0.4	0.4	0.4	0.1	0.7
CONFID. SECRETARIES	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
SECRETARIES	19.4	16.8	16.8	16.8	17.8	17.8	17.8	17.8	17.8
SECRETARY TOTAL	23.4	20.8	19.8	19.8	20.8	20.8	20.8	20.8	20.8
SCHOOL TRANSPORTATION			2.0	2.0	2.0	2.0	2.0	2.0	2.0
CUSTODIAL TOTAL	32.8	32.8	33.8	33.8	34.8	32.5	32.8	31.8	32.3
TECHNOLOGY	5.8	5.8	4.8	4.8	5.8	5.8	5.8	5.8	5.8
RESOURCE OFFICERS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
OTHER PERSONNEL	39.6	39.6	41.6	41.6	43.6	41.3	41.6	39.6	40.1
TOTAL FTE'S PAID BY BUDGET	439.2	448.2	434.1	445.6	459.1	456.8	457.8	468.6	484.2

BREAKDOWN OF FISCAL 2017 INSTRUCTIONAL FTEs:			
Elementary Teachers including Kindergarten	78.0	82.0	85.3
Elementary Specialists including Reading/Science/Librarians/Music/Art/Health/PE	30.8	30.8	30.8
Secondary Classroom / Support Teachers	119.3	123.6	123.6
SPED Teachers / Specialists (All Teachers/Counselors/Psychologist/1.0PT	68.4	71.4	71.6
Paraprofessionals (System Wide)	<u>64.7</u>	66.2	<u>77.8</u>
Total instructional FTEs	<u>361.2</u>	374.0	<u>389.1</u>

#### **4TH PASS**

	et (Deficit) p	rojection of	\$ -					
Step#	1		Pass Ref.					
	Identify Total I	Revenues for FY2016	(Pg.1, Row 27)	\$ 18	86,587,010	(This is the Total Reve	nue Estimate for FY18, as	
	On April 4th, 2017	we received notification from Mr. Carroll th			•	adjusted through the o	current pass. This amount of	
	will be \$862,984 r	ather than the \$900,000 originally anticipate	ed in the budget. Since			ESTIMATED REVENUE	S basically dicates what the Total Town	
	these funds may o	nly be used for road repairs by General Govern	ment, both revenues and			BUDGET can be for th	ne next fiscal year (FY18).	
	budgets for Genera	al Government have been reduced by (\$37,016)	. Since this page shows			(See Pass Analysis, Pa	age 1, Line #27	\$ 186,587,010
		ed to determine allocations, it remains unchang						
	1					•		
Step#					<u> </u>			
2	Deduct Fixed/S	Shared Cost Budgets (Utility budgets,	State Charges, Shared	Costs)				
			1st Pass Ref.					
2a		Fixed Costs, Shared Cost Budgets	(Pg.1, Row 30)	\$	40,544,853	Refore the TOTAL REV	/ENUE "PIE" is sliced up between	
2b		Utility Budgets (Light, Water, Cable)	(Pg.1, Row 35)	*	65,604,572		ov depts., we first deduct from	
2c		State Charges	(Pg.1, Row 37)		1,748,512		ed those budgets that cannot be	
2d		Cherry Sheet Offsets	(Pg.1, Row 38)		34,774		th Ins) and Utility Budgets; So,	
2e		Overlay charges	(Pg.1, Row 39)		1,000,000		dgets to the Left like Utilities, State	
		Overlay deficit est	(Pg.1, Row 40)		- 1,000,000		Overlay and Shared Cost budgets	
		SubTotal- Shared/Fixed Cost Budgets Ded		\$	108,932,711		und onlined Jost budgets	
<u> </u>	<u> </u>	Juli Gilarda i Mod Godi Dadgeta Det						
					1			
	-							
Step#					<u> </u>			
3	Equals Net Rev	venues Available for Gen Govt and Sc	chool Budgets			The Net result after de	ducting fixed and shared budgets	
						from the total budgete	d Revenues is the Net Revenues to be split	
						between Schools and	Gen Govt. We then apply the	
						historically applied sp	lit percentages of 55% (Schools) / 45% GenC	iov
						to each side of gov't.	This results in a budget ceiling for FY18	
3a						for the Schools of	\$ 42,709,864	55.0%
3b	Equals- Net Reve	enue Pie to be split between Schools/ Gen G	iov	\$	77,654,299	for the Gen Gov depts	34,944,435	45.0%
				_			\$ 77,654,299	100.0%
	_							
					1			
Step#	1				Ψ.			
	Split Net Revenue	es Available Between School Dept (55%) and	d Gen Gov (45%)		*			
	Split Net Revenue	es Available Between School Dept (55%) and	d Gen Gov (45%)	New C	Ceiling- FY18	FY18 Requests	Bud Reductions Required	
	Split Net Revenue	es Available Between School Dept (55%) and Allocated to SCHOOL DEPT.	d Gen Gov (45%)	New C	eiling- FY18 42,709,864	FY18 Requests \$ 42,709,864		
4					<i>K</i>		\$ -	
4 4a	FY18 Max	Allocated to SCHOOL DEPT.	55%		42,709,864	\$ 42,709,864	\$ -	
4 4a	FY18 Max	Allocated to SCHOOL DEPT.	55%	\$	42,709,864	\$ 42,709,864	\$ -	
4 4a 4b	FY18 Max	Allocated to SCHOOL DEPT.	55%	\$	42,709,864 34,944,435	\$ 42,709,864 34,944,435	\$ -	15S
4 4a 4b	FY18 Max	Allocated to SCHOOL DEPT.	55%	\$	42,709,864 34,944,435	\$ 42,709,864 34,944,435	\$ - - \$ -	iss
4 4a 4b	FY18 Max	Allocated to SCHOOL DEPT.	55%	\$	42,709,864 34,944,435	\$ 42,709,864 34,944,435	\$ - - \$ -	188
4 4a 4b	FY18 Max	Allocated to SCHOOL DEPT.	55%	\$	42,709,864 34,944,435	\$ 42,709,864 34,944,435	\$ - - \$ -	sss
4 4a 4b	FY18 Max	Allocated to SCHOOL DEPT.	55%	\$	42,709,864 34,944,435	\$ 42,709,864 34,944,435	\$ - - \$ -	SSS
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.	55% 45%	\$	42,709,864 34,944,435	\$ 42,709,864 34,944,435	\$ - - \$ -	SSS
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T	55% 45%	\$   \$   \$   \$   \$   \$   \$   \$   \$   \$	42,709,864 34,944,435 777,654,299	\$ 42,709,864 34,944,435 \$ 77,654,299	\$ -  S -  Total Budget Reductions Needed to Balance 1st Pa	iss
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T	55% 45%	\$   \$   \$   \$   \$   \$   \$   \$   \$   \$	42,709,864 34,944,435 77,654,299	\$ 42,709,864 34,944,435 \$ 77,654,299	\$ - - \$ -	% CHG.
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED JET CEILING	\$ 42,709,864 34,944,435 \$ 77,654,299	\$ -  S -  Total Budget Reductions Needed to Balance 1st Pa	
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 777,654,299	\$ 42,709,864 34,944,435 \$ 77,654,299	\$ -  S -  Total Budget Reductions Needed to Balance 1st Pa	
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  roposed FY18 Budget Ceiling to Current FY  DEPARTMENT	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED EET CEILING	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  roposed FY18 Budget Ceiling to Current FY  DEPARTMENT	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED JET CEILING	\$ 42,709,864 34,944,435 \$ 77,654,299	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  roposed FY18 Budget Ceiling to Current FY  DEPARTMENT  SCHOOL DEPARTMENT	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED EET CEILING	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	% CHG.
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  oposed FY18 Budget Ceiling to Current FY  DEPARTMENT  SCHOOL DEPARTMENT  Total School Budget	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED JET CEILING 42,709,864 42,709,864 703,158	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	% CHG.
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  oposed FY18 Budget Ceiling to Current FY  DEPARTMENT  SCHOOL DEPARTMENT  Total School Budget  STM Appropriations for FY2017	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED JET CEILING 42,709,864 42,709,864	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	% CHG.
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  Oposed FY18 Budget Ceiling to Current FY  DEPARTMENT  SCHOOL DEPARTMENT  Total School Budget  STM Appropriations for FY2017 that Prepay FY2018 SPED Tuitions	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED JET CEILING 42,709,864 42,709,864 703,158	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	<u>% CHG.</u> 4.3%
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  Oposed FY18 Budget Ceiling to Current FY  DEPARTMENT  SCHOOL DEPARTMENT  Total School Budget  STM Appropriations for FY2017 that Prepay FY2018 SPED Tuitions	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED JET CEILING 42,709,864 42,709,864 703,158	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET	\$ - Total Budget Reductions Needed to Balance 1st Pt  \$ CHANGE FY17 TO FY18	<u>% CHG.</u> 4.3%
4 4a 4b 4c	FY18 Max FY18 Max	Allocated to SCHOOL DEPT.  Allocated to GEN'L GOV'T  Oposed FY18 Budget Ceiling to Current FY  DEPARTMENT  SCHOOL DEPARTMENT  Total School Budget  STM Appropriations for FY2017  that Prepay FY2018 SPED Tuitions  FY2018 School Costs funded by Towr	55% 45%	\$ FY18 BUDG	42,709,864 34,944,435 77,654,299 PROPOSED PET CEILING 42,709,864 42,709,864 703,158 43,413,022	\$ 42,709,864 34,944,435 \$ 77,654,299 FY17 ACTUAL BUDGET \$ 40,933,188	\$ - Total Budget Reductions Needed to Balance 1st Pa  \$ CHANGE FY17 TO FY18  \$ 1,776,676	% CHG. 4.3% 6.1%