



## Marshfield, Massachusetts Audit Confirmation

As requested we have prepared the following information:

1. The total balance of long-term debt outstanding as of June 30, 2019.
2. List of principal payments made during FY 2019.
3. List of interest payments made during FY 2019.
4. The amortization schedule (by purpose) for each long-term debt issue outstanding as of June 30, 2019.
5. Short-term debt which matured during FY 2019.
6. Short-term debt outstanding as of June 30, 2019.

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Authorized Signature

\*MCWT issues within this audit confirmation are presented on a gross basis and are not reduced by any applicable subsidies. Please feel free to call (617) 619-4400 to request original MCWT schedules presented on a net basis.

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**Town of Marshfield, Massachusetts**  
 Total Long-Term Debt Outstanding as of June 30, 2019

**Aggregate Debt Service**

Date	Principal	Interest	Total P+I
06/30/2019	-	-	-
06/30/2020	8,390,522.75	2,858,584.02	11,249,106.77
06/30/2021	8,078,778.95	2,439,887.65	10,518,666.60
06/30/2022	6,469,013.73	2,086,815.64	8,555,829.37
06/30/2023	6,074,724.91	1,804,429.73	7,879,154.64
06/30/2024	4,977,861.18	1,546,689.64	6,524,550.82
06/30/2025	4,740,357.28	1,320,432.60	6,060,789.88
06/30/2026	4,708,358.43	1,097,715.86	5,806,074.29
06/30/2027	4,556,530.40	912,126.39	5,468,656.79
06/30/2028	4,529,875.96	765,673.28	5,295,549.24
06/30/2029	3,973,400.92	633,440.56	4,606,841.48
06/30/2030	3,972,107.09	518,762.13	4,490,869.22
06/30/2031	3,960,998.28	404,359.38	4,365,357.66
06/30/2032	3,895,080.35	293,128.58	4,188,208.93
06/30/2033	3,894,355.17	183,819.07	4,078,174.24
06/30/2034	1,589,922.59	102,155.10	1,692,077.69
06/30/2035	1,587,232.54	55,720.13	1,642,952.67
06/30/2036	449,496.96	25,851.22	475,348.18
06/30/2037	390,000.00	14,493.75	404,493.75
06/30/2038	135,000.00	6,834.38	141,834.38
06/30/2039	135,000.00	2,278.13	137,278.13
<b>Total</b>	<b>\$76,508,617.49</b>	<b>\$17,073,197.24</b>	<b>\$93,581,814.73</b>

**Par Amounts Of Selected Issues**

**Part 1 of 2**

August 25 2004 MCWT 98-134 (I) Sewer.....	69,000.00
August 25 2004 MCWT 98-134 (I) GF.....	46,000.00
October 26 2004 MCWT CW-01-24 (I) Sewer.....	1,078,086.63
October 26 2004 MCWT CW-01-24 (I) GF.....	718,724.41
November 9 2007 MCWT CW-01-24-A (I) Sewer.....	13,671.92
November 9 2007 MCWT CW-01-24-A (I) GF.....	9,114.60
March 18 2009 MCWT CW-01-24-B (I) Sewer.....	40,239.00
March 18 2009 MCWT CW-01-24-B (I) GF.....	26,826.00
March 18 2009 MCWT DW-07-15 (O).....	914,735.00
February 15 2010 Series A Refunding -Adv Ref of June 1 01- Sewer I (I).....	130,220.00
February 15 2010 Series A Refunding -Adv Ref of June 1 01- Sewer II (I).....	46,510.00
February 15 2010 Series A Refunding -Adv Ref of June 1 01- School (OE).....	2,313,270.00
October 15 2010 -Sewer Pump Station (I).....	50,000.00
October 15 2010 -Winslow School Renovations (I).....	30,000.00
October 15 2010 -Seawall Repairs I (I).....	50,000.00
October 15 2010 -Seawall Repairs II (I).....	250,000.00
October 15 2010 -Pine St Water Main (O).....	60,000.00
October 15 2010 -Highland St Water Main (O).....	10,000.00
February 15 2011 -Land Acquisition- Water I (O).....	990,000.00
February 15 2011 -Land Acquisition- Water II (O).....	105,000.00
February 15 2011 -Winslow School Remodeling (I).....	170,000.00
February 15 2011 -Roads (I).....	20,000.00
February 15 2011 -Seawall Construction (I).....	30,000.00
February 15 2011 -Water Mains (O).....	20,000.00
July 2 2012 QECB- Taxable (I).....	2,000,000.00
November 7 2012 -Roads (I).....	75,000.00
November 7 2012 -Police Communication Tower (I).....	120,000.00
November 7 2012 -Water Storage Tank (O).....	1,050,000.00
November 7 2012 -Water Pump Station (O).....	100,000.00
November 7 2012 -Highland St Water Main Replacement (O).....	45,000.00
November 7 2012 -South River St Water Main Replacement (O).....	700,000.00
November 7 2012 -High School Construction (OE).....	21,000,000.00
November 7 2012 -High School Feasibility Study (OE).....	725,000.00
May 22 2013 MCWT CW-11-16 (I).....	4,053,265.00
July 29 2014 -High School Construction (OE).....	15,200,000.00
July 29 2014 -School Flooring (I).....	60,000.00

**Town of Marshfield, Massachusetts**  
**Total Long-Term Debt Outstanding as of June 30, 2019**

**Aggregate Debt Service**

	<b>Part 2 of 2</b>
July 29 2014 -Fire Equipment 3 (I).....	10,000.00
July 29 2014 -Fire Dept Car Replacement (I).....	5,000.00
July 29 2014 -Police Computer Hardware (I).....	15,000.00
July 29 2014 -Police Equipment 2 (I).....	5,000.00
July 29 2014 -Police Communications Tower (I).....	40,000.00
July 29 2014 -Dribeek Way Bridge Repairs (I).....	100,000.00
July 29 2014 -South River Dredging (I).....	45,000.00
July 29 2014 -Massasoit Fire Station Construction (I).....	1,820,000.00
July 29 2014 -Road Reconstruction (I).....	100,000.00
July 29 2014 -Airport Safety Improvements/Bass Creek (O).....	160,000.00
July 29 2014 -Water Meter Replacement (O).....	80,000.00
July 29 2014 -Seawall & Riprap Construction (I).....	2,720,000.00
July 29 2014 -Water System Protection- Land Acquisition (O).....	355,000.00
January 7 2015 MCWT T5-12-1132 (O).....	160,000.00
December 16 2015 EOEEA Dam Reconstruction 1 (O).....	866,689.98
December 16 2015 EOEEA Dam Reconstruction 2 (O).....	815,264.95
July 29 2016 -Sewer Pump Station Upgrades 1 (I).....	690,000.00
July 29 2016 -Sewer Pump Station Upgrades 2 (I).....	670,000.00
July 29 2016 -Fuel Depot Construction (I).....	340,000.00
July 29 2016 -Massasoit Fire Station Construction (I).....	1,030,000.00
July 29 2016 -Harbormaster Building Construction (I).....	285,000.00
July 29 2016 -Library Plaza Renovations (I).....	220,000.00
July 29 2016 -School Auditorium Repairs (I).....	65,000.00
July 29 2016 -Dribeek Way Bridge Repairs (I).....	545,000.00
July 29 2016 -Roads (I).....	165,000.00
July 29 2016 -Seawall Storm Damage 1 (I).....	415,000.00
July 29 2016 -Seawall Storm Damage 2 (I).....	800,000.00
July 29 2016 -Mill Pond Lane Dam Repair (I).....	15,000.00
July 29 2016 -Seawalls Riprap (I).....	680,000.00
July 29 2016 -Fire Engine Refurbish (I).....	50,000.00
July 29 2016 -DPW Dump Tuck Plow & Sander (I).....	60,000.00
July 29 2016 -Harbormaster Dredging Permits (I).....	20,000.00
July 29 2016 -Stormwater NPDES (I).....	15,000.00
July 29 2016 -Harbormaster Gangway (I).....	100,000.00
July 29 2016 -School Technology (I).....	115,000.00
July 29 2016 -Pudding Hill Water Tank Construction (O).....	10,000.00
July 29 2016 -Water Main South River (O).....	195,000.00
July 29 2016 -Fairgrounds Pump Station Water Main (O).....	960,000.00
July 29 2016 -Water Meter Replacement (O).....	35,000.00
July 28 2017 -High School (OE).....	990,000.00
July 28 2017 -School Computer Hardware (I).....	135,000.00
July 28 2017 -School Computer Software (I).....	80,000.00
July 28 2017 -Facilities Assessment (I).....	135,000.00
July 28 2017 -Fuel Depot Remodeling (I).....	185,000.00
July 28 2017 -School Boilers (I).....	630,000.00
July 28 2017 -Library Plaza Renovations (I).....	2,025,000.00
July 28 2017 -Wastewater Outfall Inspection (I).....	40,000.00
July 28 2017 -Dredging 1 (I).....	180,000.00
July 28 2017 -Dredging 2 (I).....	100,000.00
July 28 2017 -School Building Security 1 (I).....	260,000.00
July 28 2017 -School Building Security 2 (I).....	150,000.00
July 28 2017 -Spring Street Water Mains (O).....	920,000.00
July 28 2017 -School Feasibility Study (I).....	45,000.00
July 28 2017 -Roads (I).....	180,000.00
July 28 2017 -Bridge Repair (I).....	60,000.00
July 28 2017 -Land Acquisition (I).....	25,000.00
July 28 2017 -Ambulance (I).....	190,000.00
July 28 2017 -Security Camera (I).....	25,000.00
July 28 2017 -DPW Truck with Plow & Sander (I).....	55,000.00
July 28 2017 -DPW Deck Mower (I).....	70,000.00
July 28 2017 -Fire Equipment (I).....	100,000.00
July 28 2017 -Senior Citizen Handicap Bus (I).....	40,000.00
July 26 2018 -Harbormaster Building (I).....	475,000.00
July 26 2018 -Foster Ave Seawalls (I).....	1,700,000.00
July 26 2018 -Seawall Repairs (I).....	617,000.00
<b>TOTAL</b> .....	<b>76,508,617.49</b>

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**Town of Marshfield, Massachusetts**  
Principal Payments Made During FY 2019

**Aggregate Principal Payments**

Date	Issue : Purpose	Principal
07/15/2018	November 9 2007 MCWT CW-01-24-A (I) Sewer	3,417.98
	November 9 2007 MCWT CW-01-24-A (I) GF	2,278.65
	March 18 2009 MCWT CW-01-24-B (I) Sewer	10,059.60
	March 18 2009 MCWT CW-01-24-B (I) GF	6,706.40
	March 18 2009 MCWT DW-07-15 (O)	172,224.00
	July 29 2014 : High School Construction (OE)	950,000.00
	July 29 2014 : School Flooring (I)	10,000.00
	July 29 2014 : Fire Engine (I)	115,000.00
	July 29 2014 : Fire Equipment 2 (I)	15,000.00
	July 29 2014 : Ambulance (I)	45,000.00
	July 29 2014 : Police Equipment 1 (I)	20,000.00
	July 29 2014 : DPW Vehicle (I)	5,000.00
	July 29 2014 : DPW Plow (I)	25,000.00
	July 29 2014 : Replace FBMS Bleachers (I)	10,000.00
	July 29 2014 : Solid Waste Equipment (I)	40,000.00
	July 29 2014 : Fire Equipment 3 (I)	10,000.00
	July 29 2014 : Fire Dept Car Replacement (I)	5,000.00
	July 29 2014 : Police Computer Hardware (I)	15,000.00
	July 29 2014 : Police Equipment 2 (I)	5,000.00
	July 29 2014 : Police Communications Tower (I)	15,000.00
	July 29 2014 : Dribeek Way Bridge Repairs (I)	10,000.00
	July 29 2014 : South River Dredging (I)	10,000.00
	July 29 2014 : Massasoit Fire Station Construction (I)	130,000.00
	July 29 2014 : Road Reconstruction (I)	25,000.00
	July 29 2014 : Airport Safety Improvements/Bass Creek (O)	10,000.00
	July 29 2014 : Water Meter Replacement (O)	20,000.00
	July 29 2014 : Seawall & Riprap Construction (I)	195,000.00
	July 29 2014 : Water System Protection- Land Acquisition (O)	25,000.00
	July 29 2016 : Sewer Pump Station Upgrades 1 (I)	40,000.00
	July 29 2016 : Sewer Pump Station Upgrades 2 (I)	40,000.00
	July 29 2016 : Fuel Depot Construction (I)	20,000.00
	July 29 2016 : Massasoit Fire Station Construction (I)	60,000.00
	July 29 2016 : Harbormaster Building Construction (I)	20,000.00
	July 29 2016 : Library Plaza Renovations (I)	15,000.00
	July 29 2016 : School Auditorium Repairs (I)	5,000.00
	July 29 2016 : Dribeek Way Bridge Repairs (I)	35,000.00
	July 29 2016 : Roads (I)	15,000.00
	July 29 2016 : Seawall Storm Damage 1 (I)	30,000.00
	July 29 2016 : Seawall Storm Damage 2 (I)	50,000.00
	July 29 2016 : Mill Pond Lane Dam Repair (I)	5,000.00
	July 29 2016 : Seawalls Riprap (I)	45,000.00
	July 29 2016 : Fire Engine Refurbish (I)	20,000.00
	July 29 2016 : DPW Dump Tuck Plow & Sander (I)	60,000.00
	July 29 2016 : Harbormaster Dredging Permits (I)	20,000.00
	July 29 2016 : Stormwater NPDES (I)	15,000.00
	July 29 2016 : Harbormaster Gangway (I)	10,000.00
	July 29 2016 : School Technology (I)	40,000.00
	July 29 2016 : Pudding Hill Water Tank Construction (O)	5,000.00
	July 29 2016 : Water Main South River (O)	15,000.00
	July 29 2016 : Fairgrounds Pump Station Water Main (O)	55,000.00
	July 29 2016 : Water Meter Replacement (O)	10,000.00
	July 28 2017 : High School (OE)	119,500.00
	July 28 2017 : School Computer Hardware (I)	42,000.00
	July 28 2017 : School Computer Software (I)	10,000.00
	July 28 2017 : Facilities Assessment (I)	47,000.00
	July 28 2017 : Fuel Depot Remodeling (I)	34,000.00
	July 28 2017 : School Boilers (I)	70,000.00
	July 28 2017 : Library Plaza Renovations (I)	225,000.00
	July 28 2017 : Wastewater Outfall Inspection (I)	10,000.00
	July 28 2017 : Dredging 1 (I)	20,000.00
	July 28 2017 : Dredging 2 (I)	15,000.00
	July 28 2017 : School Building Security 1 (I)	90,000.00
	July 28 2017 : School Building Security 2 (I)	50,000.00
	July 28 2017 : Spring Street Water Mains (O)	119,500.00
	July 28 2017 : School Feasibility Study (I)	15,000.00
	July 28 2017 : Roads (I)	20,000.00
	July 28 2017 : Bridge Repair (I)	10,000.00
	July 28 2017 : Land Acquisition (I)	5,000.00
	July 28 2017 : Ambulance (I)	65,000.00
	July 28 2017 : Security Camera (I)	10,000.00
	July 28 2017 : DPW Truck with Plow & Sander (I)	21,200.00
	July 28 2017 : DPW Deck Mower (I)	25,000.00
	July 28 2017 : Fire Equipment (I)	36,800.00
	July 28 2017 : Senior Citizen Handicap Bus (I)	17,000.00
	<b>Subtotal</b>	<b>\$3,611,686.63</b>

# Town of Marshfield, Massachusetts

## Principal Payments Made During FY 2019

### Aggregate Principal Payments

Date	Issue : Purpose	Principal
08/01/2018	August 25 2004 MCWT 98-134 (I) Sewer	66,000.00
	August 25 2004 MCWT 98-134 (I) GF	44,000.00
	October 26 2004 MCWT CW-01-24 (I) Sewer	250,983.13
	October 26 2004 MCWT CW-01-24 (I) GF	167,322.09
<b>Subtotal</b>		<b>\$528,305.22</b>
10/15/2018	October 15 2010 : Sewer Pump Station (I)	25,000.00
	October 15 2010 : Winslow School Renovations (I)	15,000.00
	October 15 2010 : Seawall Repairs I (I)	25,000.00
	October 15 2010 : Seawall Repairs II (I)	125,000.00
	October 15 2010 : Pine St Water Main (O)	30,000.00
	October 15 2010 : Highland St Water Main (O)	5,000.00
<b>Subtotal</b>		<b>\$225,000.00</b>
11/01/2018	November 1 2011 : Winslow School Remodeling (I)	10,000.00
	November 1 2011 : Police Communications Tower (I)	25,000.00
	November 1 2011 : Seawall Reconstruction (I)	190,000.00
	November 1 2011 : Water Mains (O)	70,000.00
	November 7 2012 : Winslow School Remodeling (I)	10,000.00
	November 7 2012 : Roads (I)	25,000.00
	November 7 2012 : Police Communication Tower (I)	30,000.00
	November 7 2012 : Water Storage Tank (O)	75,000.00
	November 7 2012 : Water Pump Station (O)	25,000.00
	November 7 2012 : Highland St Water Main Replacement (O)	15,000.00
	November 7 2012 : South River St Water Main Replacement (O)	50,000.00
	November 7 2012 : High School Construction (OE)	1,500,000.00
	November 7 2012 : High School Feasibility Study (OE)	65,000.00
<b>Subtotal</b>		<b>\$2,090,000.00</b>
12/16/2018	December 16 2015 EOEEA Dam Reconstruction 1 (O)	42,419.75
<b>Subtotal</b>		<b>\$42,419.75</b>
01/01/2019	July 2 2012 QECB- Taxable (I)	500,000.00
<b>Subtotal</b>		<b>\$500,000.00</b>
01/15/2019	May 22 2013 MCWT CW-11-16 (I)	245,479.00
	January 7 2015 MCWT T5-12-1132 (O)	10,000.00
<b>Subtotal</b>		<b>\$255,479.00</b>
02/15/2019	February 15 2011 : Land Acquisition- Water I (O)	145,000.00
	February 15 2011 : Land Acquisition- Water II (O)	15,000.00
	February 15 2011 : Winslow School Remodeling (I)	85,000.00
	February 15 2011 : Roads (I)	10,000.00
	February 15 2011 : Seawall Construction (I)	15,000.00
	February 15 2011 : Water Mains (O)	10,000.00
<b>Subtotal</b>		<b>\$280,000.00</b>
03/01/2019	March 1 2009 : Library Remodeling (I)	20,000.00
	March 1 2009 : Eames Way School Roof (I)	30,000.00
	March 1 2009 : Seawall Construction (I)	25,000.00
	March 1 2009 : Fire Engine (I)	35,000.00
	March 1 2009 : Departmental Equipment (I)	5,000.00
	March 1 2009 : Computer Hardware (I)	20,000.00
<b>Subtotal</b>		<b>\$135,000.00</b>
06/15/2019	February 15 2010 Series A Refunding : Adv Ref of June 1 01- Sewer I (I)	65,890.00
	February 15 2010 Series A Refunding : Adv Ref of June 1 01- Sewer II (I)	23,530.00
	February 15 2010 Series A Refunding : Adv Ref of June 1 01- School (OE)	1,170,580.00
<b>Subtotal</b>		<b>\$1,260,000.00</b>
06/17/2019	December 16 2015 EOEEA Dam Reconstruction 2 (O)	42,843.95
<b>Subtotal</b>		<b>\$42,843.95</b>
<b>Total</b>		<b>\$8,970,734.55</b>

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# Town of Marshfield, Massachusetts

## Interest Payments Made During FY 2019

### Aggregate Interest Payments

Date	Issue : Purpose	Part 1 of 3 Interest
07/01/2018	July 2 2012 QECC- Taxable (I)	37,875.00
<b>Subtotal</b>		<b>\$37,875.00</b>
07/15/2018	March 18 2009 MCWT DW-07-15 (O)	10,869.59
	May 22 2013 MCWT CW-11-16 (I)	42,987.44
	July 29 2014 : High School Construction (OE)	323,593.75
	July 29 2014 : School Flooring (I)	1,800.00
	July 29 2014 : Fire Engine (I)	3,018.75
	July 29 2014 : Fire Equipment 2 (I)	393.75
	July 29 2014 : Ambulance (I)	1,181.25
	July 29 2014 : Police Equipment 1 (I)	525.00
	July 29 2014 : DPW Vehicle (I)	131.25
	July 29 2014 : DPW Plow (I)	656.25
	July 29 2014 : Replace FBMS Bleachers (I)	262.50
	July 29 2014 : Solid Waste Equipment (I)	1,050.00
	July 29 2014 : Fire Equipment 3 (I)	525.00
	July 29 2014 : Fire Dept Car Replacement (I)	262.50
	July 29 2014 : Police Computer Hardware (I)	787.50
	July 29 2014 : Police Equipment 2 (I)	262.50
	July 29 2014 : Police Communications Tower (I)	1,443.75
	July 29 2014 : Dribeek Way Bridge Repairs (I)	2,475.00
	July 29 2014 : South River Dredging (I)	1,425.00
	July 29 2014 : Massasoit Fire Station Construction (I)	40,056.25
	July 29 2014 : Road Reconstruction (I)	3,231.25
	July 29 2014 : Airport Safety Improvements/Bass Creek (O)	3,406.25
	July 29 2014 : Water Meter Replacement (O)	2,587.50
	July 29 2014 : Seawall & Riprap Construction (I)	59,931.25
	July 29 2014 : Water System Protection- Land Acquisition (O)	7,837.50
	July 29 2016 : Sewer Pump Station Upgrades 1 (I)	13,806.25
	July 29 2016 : Sewer Pump Station Upgrades 2 (I)	13,481.25
	July 29 2016 : Fuel Depot Construction (I)	6,834.38
	July 29 2016 : Massasoit Fire Station Construction (I)	20,556.25
	July 29 2016 : Harbormaster Building Construction (I)	5,781.25
	July 29 2016 : Library Plaza Renovations (I)	4,637.50
	July 29 2016 : School Auditorium Repairs (I)	1,475.00
	July 29 2016 : Dribeek Way Bridge Repairs (I)	10,837.50
	July 29 2016 : Roads (I)	4,050.00
	July 29 2016 : Seawall Storm Damage 1 (I)	9,115.63
	July 29 2016 : Seawall Storm Damage 2 (I)	16,437.50
	July 29 2016 : Mill Pond Lane Dam Repair (I)	475.00
	July 29 2016 : Seawalls Riprap (I)	14,250.00
	July 29 2016 : Fire Engine Refurbish (I)	1,650.00
	July 29 2016 : DPW Dump Tuck Plow & Sander (I)	2,700.00
	July 29 2016 : Harbormaster Dredging Permits (I)	900.00
	July 29 2016 : Stormwater NPDES (I)	675.00
	July 29 2016 : Harbormaster Gangway (I)	2,550.00
	July 29 2016 : School Technology (I)	3,675.00
	July 29 2016 : Pudding Hill Water Tank Construction (O)	350.00
	July 29 2016 : Water Main South River (O)	4,012.50
	July 29 2016 : Fairgrounds Pump Station Water Main (O)	19,112.50
	July 29 2016 : Water Meter Replacement (O)	1,075.00
	July 28 2017 : High School (OE)	52,507.85
	July 28 2017 : School Computer Hardware (I)	8,530.42
	July 28 2017 : School Computer Software (I)	4,241.11
	July 28 2017 : Facilities Assessment (I)	8,771.39
	July 28 2017 : Fuel Depot Remodeling (I)	10,410.00
	July 28 2017 : School Boilers (I)	33,061.39
	July 28 2017 : Library Plaza Renovations (I)	106,268.75
	July 28 2017 : Wastewater Outfall Inspection (I)	2,409.72
	July 28 2017 : Dredging 1 (I)	9,446.11
	July 28 2017 : Dredging 2 (I)	5,445.97
	July 28 2017 : School Building Security 1 (I)	16,868.06
	July 28 2017 : School Building Security 2 (I)	9,638.89
	July 28 2017 : Spring Street Water Mains (O)	49,134.24
	July 28 2017 : School Feasibility Study (I)	2,891.67
	July 28 2017 : Roads (I)	9,446.11
	July 28 2017 : Bridge Repair (I)	3,325.42
	July 28 2017 : Land Acquisition (I)	1,445.83
	July 28 2017 : Ambulance (I)	12,289.58
	July 28 2017 : Security Camera (I)	1,686.81
	July 28 2017 : DPW Truck with Plow & Sander (I)	3,672.42
	July 28 2017 : DPW Deck Mower (I)	4,578.47
	July 28 2017 : Fire Equipment (I)	6,593.00
	July 28 2017 : Senior Citizen Handicap Bus (I)	2,747.08
<b>Subtotal</b>		<b>\$1,034,548.58</b>
08/01/2018	August 25 2004 MCWT 98-134 (I) Sewer	3,660.86
	August 25 2004 MCWT 98-134 (I) GF	2,440.58
	October 26 2004 MCWT CW-01-24 (I) Sewer	30,335.11
	October 26 2004 MCWT CW-01-24 (I) GF	20,223.41
<b>Subtotal</b>		<b>\$56,659.96</b>

**Town of Marshfield, Massachusetts**

Interest Payments Made During FY 2019

**Aggregate Interest Payments**

		<b>Part 2 of 3</b>
Date	Issue : Purpose	Interest
08/15/2018	February 15 2011 : Land Acquisition- Water I (O)	22,912.50
	February 15 2011 : Land Acquisition- Water II (O)	2,418.75
	February 15 2011 : Winslow School Remodeling (I)	5,737.50
	February 15 2011 : Roads (I)	675.00
	February 15 2011 : Seawall Construction (I)	1,012.50
	February 15 2011 : Water Mains (O)	675.00
<b>Subtotal</b>		<b>\$33,431.25</b>
09/01/2018	March 1 2009 : Library Remodeling (I)	300.00
	March 1 2009 : Eames Way School Roof (I)	450.00
	March 1 2009 : Seawall Construction (I)	375.00
	March 1 2009 : Fire Engine (I)	525.00
	March 1 2009 : Departmental Equipment (I)	75.00
	March 1 2009 : Computer Hardware (I)	300.00
<b>Subtotal</b>		<b>\$2,025.00</b>
10/15/2018	October 15 2010 : Sewer Pump Station (I)	793.75
	October 15 2010 : Winslow School Renovations (I)	476.25
	October 15 2010 : Seawall Repairs I (I)	793.75
	October 15 2010 : Seawall Repairs II (I)	3,968.75
	October 15 2010 : Pine St Water Main (O)	952.50
	October 15 2010 : Highland St Water Main (O)	158.75
<b>Subtotal</b>		<b>\$7,143.75</b>
11/01/2018	November 1 2011 : Winslow School Remodeling (I)	100.00
	November 1 2011 : Police Communications Tower (I)	250.00
	November 1 2011 : Seawall Reconstruction (I)	1,900.00
	November 1 2011 : Water Mains (O)	700.00
	November 7 2012 : Winslow School Remodeling (I)	200.00
	November 7 2012 : Roads (I)	2,375.00
	November 7 2012 : Police Communication Tower (I)	3,600.00
	November 7 2012 : Water Storage Tank (O)	22,500.00
	November 7 2012 : Water Pump Station (O)	3,000.00
	November 7 2012 : Highland St Water Main Replacement (O)	1,425.00
	November 7 2012 : South River St Water Main Replacement (O)	15,000.00
	November 7 2012 : High School Construction (OE)	450,000.00
	November 7 2012 : High School Feasibility Study (OE)	16,425.00
<b>Subtotal</b>		<b>\$517,475.00</b>
12/15/2018	February 15 2010 Series A Refunding : Adv Ref of June 1 01- Sewer I (I)	4,902.75
	February 15 2010 Series A Refunding : Adv Ref of June 1 01- Sewer II (I)	1,751.00
	February 15 2010 Series A Refunding : Adv Ref of June 1 01- School (OE)	87,096.25
<b>Subtotal</b>		<b>\$93,750.00</b>
12/16/2018	December 16 2015 EOEAA Dam Reconstruction 1 (O)	9,091.10
<b>Subtotal</b>		<b>\$9,091.10</b>
12/17/2018	December 16 2015 EOEAA Dam Reconstruction 2 (O)	8,581.09
<b>Subtotal</b>		<b>\$8,581.09</b>
01/01/2019	July 2 2012 QECB- Taxable (I)	37,875.00
<b>Subtotal</b>		<b>\$37,875.00</b>
01/15/2019	March 18 2009 MCWT DW-07-15 (O)	9,147.35
	May 22 2013 MCWT CW-11-16 (I)	42,987.44
	July 29 2014 : High School Construction (OE)	298,656.25
	July 29 2014 : School Flooring (I)	1,537.50
	July 29 2014 : Fire Equipment 3 (I)	262.50
	July 29 2014 : Fire Dept Car Replacement (I)	131.25
	July 29 2014 : Police Computer Hardware (I)	393.75
	July 29 2014 : Police Equipment 2 (I)	131.25
	July 29 2014 : Police Communications Tower (I)	1,050.00
	July 29 2014 : Dribeek Way Bridge Repairs (I)	2,212.50
	July 29 2014 : South River Dredging (I)	1,162.50
	July 29 2014 : Massasoit Fire Station Construction (I)	36,643.75
	July 29 2014 : Road Reconstruction (I)	2,575.00
	July 29 2014 : Airport Safety Improvements/Bass Creek (O)	3,143.75
	July 29 2014 : Water Meter Replacement (O)	2,062.50
	July 29 2014 : Seawall & Riprap Construction (I)	54,812.50
	July 29 2014 : Water System Protection- Land Acquisition (O)	7,181.25
	July 29 2016 : Sewer Pump Station Upgrades 1 (I)	13,006.25
	July 29 2016 : Sewer Pump Station Upgrades 2 (I)	12,681.25
	July 29 2016 : Fuel Depot Construction (I)	6,434.38
	July 29 2016 : Massasoit Fire Station Construction (I)	19,356.25
	July 29 2016 : Harbormaster Building Construction (I)	5,381.25
	July 29 2016 : Library Plaza Renovations (I)	4,337.50
	July 29 2016 : School Auditorium Repairs (I)	1,375.00
	July 29 2016 : Dribeek Way Bridge Repairs (I)	10,137.50
	July 29 2016 : Roads (I)	3,750.00
	July 29 2016 : Seawall Storm Damage 1 (I)	8,515.63
	July 29 2016 : Seawall Storm Damage 2 (I)	15,437.50
	July 29 2016 : Mill Pond Lane Dam Repair (I)	375.00
	July 29 2016 : Seawalls Riprap (I)	13,350.00
	July 29 2016 : Fire Engine Refurbish (I)	1,250.00
July 29 2016 : DPW Dump Tuck Plow & Sander (I)	1,500.00	

**Town of Marshfield, Massachusetts**

Interest Payments Made During FY 2019

**Aggregate Interest Payments**

Date	Issue : Purpose	Interest
01/15/2019 (Continued)	July 29 2016 : Harbormaster Dredging Permits (I)	500.00
	July 29 2016 : Stormwater NPDES (I)	375.00
	July 29 2016 : Harbormaster Gangway (I)	2,350.00
	July 29 2016 : School Technology (I)	2,875.00
	July 29 2016 : Pudding Hill Water Tank Construction (O)	250.00
	July 29 2016 : Water Main South River (O)	3,712.50
	July 29 2016 : Fairgrounds Pump Station Water Main (O)	18,012.50
	July 29 2016 : Water Meter Replacement (O)	875.00
	July 28 2017 : High School (OE)	24,250.00
	July 28 2017 : School Computer Hardware (I)	3,375.00
	July 28 2017 : School Computer Software (I)	1,950.00
	July 28 2017 : Facilities Assessment (I)	3,375.00
	July 28 2017 : Fuel Depot Remodeling (I)	4,550.00
	July 28 2017 : School Boilers (I)	15,400.00
	July 28 2017 : Library Plaza Renovations (I)	49,500.00
	July 28 2017 : Wastewater Outfall Inspection (I)	1,000.00
	July 28 2017 : Dredging 1 (I)	4,400.00
	July 28 2017 : Dredging 2 (I)	2,450.00
	July 28 2017 : School Building Security 1 (I)	6,500.00
	July 28 2017 : School Building Security 2 (I)	3,750.00
	July 28 2017 : Spring Street Water Mains (O)	22,500.00
	July 28 2017 : School Feasibility Study (I)	1,125.00
	July 28 2017 : Roads (I)	4,400.00
	July 28 2017 : Bridge Repair (I)	1,475.00
	July 28 2017 : Land Acquisition (I)	625.00
	July 28 2017 : Ambulance (I)	4,750.00
	July 28 2017 : Security Camera (I)	625.00
	July 28 2017 : DPW Truck with Plow & Sander (I)	1,375.00
	July 28 2017 : DPW Deck Mower (I)	1,750.00
	July 28 2017 : Fire Equipment (I)	2,500.00
	July 28 2017 : Senior Citizen Handicap Bus (I)	1,000.00
	<b>Subtotal</b>	<b>\$772,553.55</b>
02/01/2019	August 25 2004 MCWT 98-134 (I) Sewer	1,400.58
	August 25 2004 MCWT 98-134 (I) GF	933.72
	October 26 2004 MCWT CW-01-24 (I) Sewer	26,686.97
	October 26 2004 MCWT CW-01-24 (I) GF	17,791.31
	<b>Subtotal</b>	<b>\$46,812.58</b>
02/15/2019	February 15 2011 : Land Acquisition- Water I (O)	22,912.50
	February 15 2011 : Land Acquisition- Water II (O)	2,418.75
	February 15 2011 : Winslow School Remodeling (I)	5,737.50
	February 15 2011 : Roads (I)	675.00
	February 15 2011 : Seawall Construction (I)	1,012.50
	February 15 2011 : Water Mains (O)	675.00
	<b>Subtotal</b>	<b>\$33,431.25</b>
03/01/2019	March 1 2009 : Library Remodeling (I)	300.00
	March 1 2009 : Eames Way School Roof (I)	450.00
	March 1 2009 : Seawall Construction (I)	375.00
	March 1 2009 : Fire Engine (I)	525.00
	March 1 2009 : Departmental Equipment (I)	75.00
	March 1 2009 : Computer Hardware (I)	300.00
	<b>Subtotal</b>	<b>\$2,025.00</b>
04/15/2019	October 15 2010 : Sewer Pump Station (I)	543.75
	October 15 2010 : Winslow School Renovations (I)	326.25
	October 15 2010 : Seawall Repairs I (I)	543.75
	October 15 2010 : Seawall Repairs II (I)	2,718.75
	October 15 2010 : Pine St Water Main (O)	652.50
	October 15 2010 : Highland St Water Main (O)	108.75
	<b>Subtotal</b>	<b>\$4,893.75</b>
05/01/2019	November 7 2012 : Roads (I)	1,875.00
	November 7 2012 : Police Communication Tower (I)	3,000.00
	November 7 2012 : Water Storage Tank (O)	21,000.00
	November 7 2012 : Water Pump Station (O)	2,500.00
	November 7 2012 : Highland St Water Main Replacement (O)	1,125.00
	November 7 2012 : South River St Water Main Replacement (O)	14,000.00
	November 7 2012 : High School Construction (OE)	420,000.00
	November 7 2012 : High School Feasibility Study (OE)	15,125.00
	<b>Subtotal</b>	<b>\$478,625.00</b>
06/15/2019	February 15 2010 Series A Refunding : Adv Ref of June 1 01- Sewer I (I)	4,902.75
	February 15 2010 Series A Refunding : Adv Ref of June 1 01- Sewer II (I)	1,751.00
	February 15 2010 Series A Refunding : Adv Ref of June 1 01- School (OE)	87,096.25
	<b>Subtotal</b>	<b>\$93,750.00</b>
06/16/2019	December 16 2015 EOEEA Dam Reconstruction 1 (O)	8,666.90
	<b>Subtotal</b>	<b>\$8,666.90</b>
06/17/2019	December 16 2015 EOEEA Dam Reconstruction 2 (O)	8,581.09
	<b>Subtotal</b>	<b>\$8,581.09</b>
	<b>Total</b>	<b>\$3,287,794.85</b>

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**Town of Marshfield, Massachusetts**  
**\$1,413,233 MCWT Sewer Bonds Dated August 25, 2004**  
**98-134; Pool 5 Swap**  
**(60% Sewer)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
08/25/2004	-	-	-	-	-
02/01/2005	-	-	20,042.21	20,042.21	-
06/30/2005	-	-	-	-	20,042.21
08/01/2005	45,966.00	4.500%	20,891.47	66,857.47	-
02/01/2006	-	-	22,042.47	22,042.47	-
06/30/2006	-	-	-	-	88,899.94
08/01/2006	47,073.00	5.250%	18,921.51	65,994.51	-
02/01/2007	-	-	21,508.71	21,508.71	-
06/30/2007	-	-	-	-	87,503.22
08/01/2007	48,386.40	5.250%	18,199.61	66,586.01	-
02/01/2008	-	-	20,957.66	20,957.66	-
06/30/2008	-	-	-	-	87,543.67
08/01/2008	49,622.40	4.800%	14,964.31	64,586.71	-
02/01/2009	-	-	20,506.22	20,506.22	-
06/30/2009	-	-	-	-	85,092.93
08/01/2009	50,892.00	5.250%	14,264.75	65,156.75	-
02/01/2010	-	-	20,003.04	20,003.04	-
06/30/2010	-	-	-	-	85,159.79
08/01/2010	54,000.00	5.000%	8,785.52	62,785.52	-
02/01/2011	-	-	18,471.65	18,471.65	-
06/30/2011	-	-	-	-	81,257.17
08/01/2011	54,000.00	5.375%	8,770.69	62,770.69	-
02/01/2012	-	-	17,730.49	17,730.49	-
06/30/2012	-	-	-	-	80,501.18
08/01/2012	57,000.00	5.500%	9,716.60	66,716.60	-
02/01/2013	-	-	14,887.48	14,887.48	-
06/30/2013	-	-	-	-	81,604.08
08/01/2013	57,000.00	5.500%	8,810.17	65,810.17	-
02/01/2014	-	-	13,658.24	13,658.24	-
06/30/2014	-	-	-	-	79,468.41
08/01/2014	60,000.00	5.500%	7,813.46	67,813.46	-
02/01/2015	-	-	10,453.19	10,453.19	-
06/30/2015	-	-	-	-	78,266.65
08/01/2015	60,000.00	5.250%	6,865.98	66,865.98	-
02/01/2016	-	-	8,168.11	8,168.11	-
06/30/2016	-	-	-	-	75,034.09
08/01/2016	63,000.00	5.750%	5,968.08	68,968.08	-
02/01/2017	-	-	5,796.52	5,796.52	-
06/30/2017	-	-	-	-	74,764.60
08/01/2017	66,000.00	5.750%	4,808.39	70,808.39	-
02/01/2018	-	-	3,290.44	3,290.44	-
06/30/2018	-	-	-	-	74,098.83
08/01/2018	66,000.00	5.750%	3,660.86	69,660.86	-
02/01/2019	-	-	1,400.58	1,400.58	-
06/30/2019	-	-	-	-	71,061.44
08/01/2019	69,000.00	5.500%	1,897.50	70,897.50	-
06/30/2020	-	-	-	-	70,897.50
<b>Total</b>	<b>\$847,939.80</b>	<b>-</b>	<b>\$373,255.91</b>	<b>\$1,221,195.71</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$11,976.15
Average Life.....	8.474 Years
Average Coupon.....	5.4943944%
Net Interest Cost (NIC).....	5.4943944%
True Interest Cost (TIC).....	5.4786487%
Bond Yield for Arbitrage Purposes.....	5.4786487%
All Inclusive Cost (AIC).....	5.4786487%

**IRS Form 8038**

Net Interest Cost.....	5.4943944%
Weighted Average Maturity.....	8.474 Years

**Town of Marshfield, Massachusetts**  
**\$1,413,233 MCWT Sewer Bonds Dated August 25, 2004**  
**98-134; Pool 5 Swap**  
**(40% General Fund)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
08/25/2004	-	-	-	-	-
02/01/2005	-	-	13,361.48	13,361.48	-
06/30/2005	-	-	-	-	13,361.48
08/01/2005	30,644.00	4.500%	13,927.65	44,571.65	-
02/01/2006	-	-	14,694.98	14,694.98	-
06/30/2006	-	-	-	-	59,266.63
08/01/2006	31,382.00	5.250%	12,614.34	43,996.34	-
02/01/2007	-	-	14,339.14	14,339.14	-
06/30/2007	-	-	-	-	58,335.48
08/01/2007	32,257.60	5.250%	12,133.08	44,390.68	-
02/01/2008	-	-	13,971.78	13,971.78	-
06/30/2008	-	-	-	-	58,362.46
08/01/2008	33,081.60	4.800%	9,976.20	43,057.80	-
02/01/2009	-	-	13,670.82	13,670.82	-
06/30/2009	-	-	-	-	56,728.62
08/01/2009	33,928.00	5.250%	9,509.83	43,437.83	-
02/01/2010	-	-	13,335.36	13,335.36	-
06/30/2010	-	-	-	-	56,773.19
08/01/2010	36,000.00	5.000%	5,857.01	41,857.01	-
02/01/2011	-	-	12,314.44	12,314.44	-
06/30/2011	-	-	-	-	54,171.45
08/01/2011	36,000.00	5.375%	5,847.12	41,847.12	-
02/01/2012	-	-	11,820.33	11,820.33	-
06/30/2012	-	-	-	-	53,667.45
08/01/2012	38,000.00	5.500%	6,477.73	44,477.73	-
02/01/2013	-	-	9,924.98	9,924.98	-
06/30/2013	-	-	-	-	54,402.71
08/01/2013	38,000.00	5.500%	5,873.44	43,873.44	-
02/01/2014	-	-	9,105.49	9,105.49	-
06/30/2014	-	-	-	-	52,978.93
08/01/2014	40,000.00	5.500%	5,208.98	45,208.98	-
02/01/2015	-	-	6,968.79	6,968.79	-
06/30/2015	-	-	-	-	52,177.77
08/01/2015	40,000.00	5.250%	4,577.32	44,577.32	-
02/01/2016	-	-	5,445.41	5,445.41	-
06/30/2016	-	-	-	-	50,022.73
08/01/2016	42,000.00	5.750%	3,978.72	45,978.72	-
02/01/2017	-	-	3,864.34	3,864.34	-
06/30/2017	-	-	-	-	49,843.06
08/01/2017	44,000.00	5.750%	3,205.59	47,205.59	-
02/01/2018	-	-	2,193.62	2,193.62	-
06/30/2018	-	-	-	-	49,399.21
08/01/2018	44,000.00	5.750%	2,440.58	46,440.58	-
02/01/2019	-	-	933.72	933.72	-
06/30/2019	-	-	-	-	47,374.30
08/01/2019	46,000.00	5.500%	1,265.00	47,265.00	-
06/30/2020	-	-	-	-	47,265.00
<b>Total</b>	<b>\$565,293.20</b>	<b>-</b>	<b>\$248,837.27</b>	<b>\$814,130.47</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$11,976.15
Average Life.....	8.474 Years
Average Coupon.....	5.4943944%
Net Interest Cost (NIC).....	5.4943944%
True Interest Cost (TIC).....	5.4786487%
Bond Yield for Arbitrage Purposes.....	5.4786487%
All Inclusive Cost (AIC).....	5.4786487%

**IRS Form 8038**

Net Interest Cost.....	5.4943944%
Weighted Average Maturity.....	8.474 Years

**Town of Marshfield, Massachusetts**  
**\$6,675,750 MCWT Sewer Bonds Dated October 26, 2004**  
**CW-01-24; Pool 8**  
**(60% Sewer)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/26/2004	-	-	-	-	-
02/01/2005	-	-	90,961.07	90,961.07	-
06/30/2005	-	-	-	-	90,961.07
08/01/2005	179,798.04	3.000%	93,081.27	272,879.31	-
02/01/2006	-	-	90,384.29	90,384.29	-
06/30/2006	-	-	-	-	363,263.60
08/01/2006	181,586.86	3.000%	90,384.29	271,971.15	-
02/01/2007	-	-	87,660.50	87,660.50	-
06/30/2007	-	-	-	-	359,631.65
08/01/2007	183,393.37	3.000%	87,660.50	271,053.87	-
02/01/2008	-	-	84,909.59	84,909.59	-
06/30/2008	-	-	-	-	355,963.46
08/01/2008	186,153.62	4.000%	85,561.19	271,714.81	-
02/01/2009	-	-	81,176.75	81,176.75	-
06/30/2009	-	-	-	-	352,891.56
08/01/2009	190,859.55	5.000%	81,176.75	272,036.30	-
02/01/2010	-	-	76,405.26	76,405.26	-
06/30/2010	-	-	-	-	348,441.56
08/01/2010	196,653.84	5.000%	76,405.26	273,059.10	-
02/01/2011	-	-	71,488.91	71,488.91	-
06/30/2011	-	-	-	-	344,548.01
08/01/2011	202,623.82	5.000%	71,488.91	274,112.73	-
02/01/2012	-	-	66,423.32	66,423.32	-
06/30/2012	-	-	-	-	340,536.05
08/01/2012	208,774.61	5.000%	66,423.32	275,197.93	-
02/01/2013	-	-	63,592.03	63,592.03	-
06/30/2013	-	-	-	-	338,789.96
08/01/2013	216,758.15	5.250%	48,483.84	265,241.99	-
02/01/2014	-	-	56,133.19	56,133.19	-
06/30/2014	-	-	-	-	321,375.18
08/01/2014	222,462.32	5.250%	42,139.45	264,601.77	-
02/01/2015	-	-	50,293.19	50,293.19	-
06/30/2015	-	-	-	-	314,894.96
08/01/2015	228,166.48	5.000%	36,987.11	265,153.59	-
02/01/2016	-	-	44,652.61	44,652.61	-
06/30/2016	-	-	-	-	309,806.20
08/01/2016	236,722.72	5.000%	30,715.48	267,438.20	-
02/01/2017	-	-	38,896.18	38,896.18	-
06/30/2017	-	-	-	-	306,334.38
08/01/2017	242,426.89	5.000%	28,979.77	271,406.66	-
02/01/2018	-	-	32,897.77	32,897.77	-
06/30/2018	-	-	-	-	304,304.43
08/01/2018	250,983.13	5.000%	30,335.11	281,318.24	-
02/01/2019	-	-	26,686.97	26,686.97	-
06/30/2019	-	-	-	-	308,005.21
08/01/2019	259,539.37	5.000%	16,062.16	275,601.53	-
02/01/2020	-	-	20,383.00	20,383.00	-
06/30/2020	-	-	-	-	295,984.53
08/01/2020	265,243.54	5.000%	14,182.82	279,426.36	-
02/01/2021	-	-	13,832.59	13,832.59	-
06/30/2021	-	-	-	-	293,258.95
08/01/2021	273,799.78	5.000%	13,832.59	287,632.37	-
02/01/2022	-	-	6,987.60	6,987.60	-
06/30/2022	-	-	-	-	294,619.97
08/01/2022	279,503.94	5.000%	6,987.60	286,491.54	-
06/30/2023	-	-	-	-	286,491.54
<b>Total</b>	<b>\$4,005,450.03</b>	<b>-</b>	<b>\$1,924,652.24</b>	<b>\$5,930,102.27</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$66,881.23
Average Life.....	10.019 Years
Average Coupon.....	4.9598350%
Net Interest Cost (NIC).....	4.9598350%
True Interest Cost (TIC).....	4.9459954%
Bond Yield for Arbitrage Purposes.....	4.9459954%
All Inclusive Cost (AIC).....	4.9459954%

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Net Interest Cost.....	4.9598350%
Weighted Average Maturity.....	10.019 Years

**Town of Marshfield, Massachusetts**  
**\$6,675,750 MCWT Sewer Bonds Dated October 26, 2004**  
**CW-01-24; Pool 8**  
**(40% General Fund)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/26/2004	-	-	-	-	-
02/01/2005	-	-	60,640.72	60,640.72	-
06/30/2005	-	-	-	-	60,640.72
08/01/2005	119,865.36	3.000%	62,054.18	181,919.54	-
02/01/2006	-	-	60,256.20	60,256.20	-
06/30/2006	-	-	-	-	242,175.74
08/01/2006	121,057.91	3.000%	60,256.20	181,314.11	-
02/01/2007	-	-	58,440.33	58,440.33	-
06/30/2007	-	-	-	-	239,754.44
08/01/2007	122,262.25	3.000%	58,440.33	180,702.58	-
02/01/2008	-	-	56,606.40	56,606.40	-
06/30/2008	-	-	-	-	237,308.98
08/01/2008	124,102.41	4.000%	57,040.79	181,143.20	-
02/01/2009	-	-	54,117.83	54,117.83	-
06/30/2009	-	-	-	-	235,261.03
08/01/2009	127,239.70	5.000%	54,117.83	181,357.53	-
02/01/2010	-	-	50,936.84	50,936.84	-
06/30/2010	-	-	-	-	232,294.37
08/01/2010	131,102.56	5.000%	50,936.84	182,039.40	-
02/01/2011	-	-	47,659.28	47,659.28	-
06/30/2011	-	-	-	-	229,698.68
08/01/2011	135,082.54	5.000%	47,659.28	182,741.82	-
02/01/2012	-	-	44,282.21	44,282.21	-
06/30/2012	-	-	-	-	227,024.03
08/01/2012	139,183.08	5.000%	44,282.21	183,465.29	-
02/01/2013	-	-	42,394.68	42,394.68	-
06/30/2013	-	-	-	-	225,859.97
08/01/2013	144,505.44	5.250%	32,322.56	176,828.00	-
02/01/2014	-	-	37,422.13	37,422.13	-
06/30/2014	-	-	-	-	214,250.13
08/01/2014	148,308.21	5.250%	28,092.97	176,401.18	-
02/01/2015	-	-	33,528.80	33,528.80	-
06/30/2015	-	-	-	-	209,929.98
08/01/2015	152,110.99	5.000%	24,658.08	176,769.07	-
02/01/2016	-	-	29,768.41	29,768.41	-
06/30/2016	-	-	-	-	206,537.48
08/01/2016	157,815.15	5.000%	20,476.98	178,292.13	-
02/01/2017	-	-	25,930.78	25,930.78	-
06/30/2017	-	-	-	-	204,222.91
08/01/2017	161,617.92	5.000%	19,319.84	180,937.76	-
02/01/2018	-	-	21,931.84	21,931.84	-
06/30/2018	-	-	-	-	202,869.60
08/01/2018	167,322.09	5.000%	20,223.41	187,545.50	-
02/01/2019	-	-	17,791.31	17,791.31	-
06/30/2019	-	-	-	-	205,336.81
08/01/2019	173,026.25	5.000%	10,708.11	183,734.36	-
02/01/2020	-	-	13,588.67	13,588.67	-
06/30/2020	-	-	-	-	197,323.03
08/01/2020	176,829.02	5.000%	9,455.22	186,284.24	-
02/01/2021	-	-	9,221.73	9,221.73	-
06/30/2021	-	-	-	-	195,505.97
08/01/2021	182,533.18	5.000%	9,221.73	191,754.91	-
02/01/2022	-	-	4,658.40	4,658.40	-
06/30/2022	-	-	-	-	196,413.31
08/01/2022	186,335.96	5.000%	4,658.40	190,994.36	-
06/30/2023	-	-	-	-	190,994.36
<b>Total</b>	<b>\$2,670,300.02</b>	<b>-</b>	<b>\$1,283,101.52</b>	<b>\$3,953,401.54</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$66,881.23
Average Life.....	10.019 Years
Average Coupon.....	4.9598350%
Net Interest Cost (NIC).....	4.9598350%
True Interest Cost (TIC).....	4.9459954%
Bond Yield for Arbitrage Purposes.....	4.9459954%
All Inclusive Cost (AIC).....	4.9459954%

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Net Interest Cost.....	4.9598350%
Weighted Average Maturity.....	10.019 Years



**Town of Marshfield, Massachusetts**  
**\$51,270 MCWT Bonds Dated November 9, 2007**  
**CW-01-24-A; Pool 11**  
**(60% Sewer)**

**Debt Service Schedule**

Date	Principal	Coupon	Total P+I	Fiscal Total
11/09/2007	-	-	-	-
07/15/2008	3,417.98	-	3,417.98	-
06/30/2009	-	-	-	3,417.98
07/15/2009	3,417.98	-	3,417.98	-
06/30/2010	-	-	-	3,417.98
07/15/2010	3,417.98	-	3,417.98	-
06/30/2011	-	-	-	3,417.98
07/15/2011	3,417.98	-	3,417.98	-
06/30/2012	-	-	-	3,417.98
07/15/2012	3,417.98	-	3,417.98	-
06/30/2013	-	-	-	3,417.98
07/15/2013	3,417.98	-	3,417.98	-
06/30/2014	-	-	-	3,417.98
07/15/2014	3,417.98	-	3,417.98	-
06/30/2015	-	-	-	3,417.98
07/15/2015	3,417.98	-	3,417.98	-
06/30/2016	-	-	-	3,417.98
07/15/2016	3,417.98	-	3,417.98	-
06/30/2017	-	-	-	3,417.98
07/15/2017	3,417.98	-	3,417.98	-
06/30/2018	-	-	-	3,417.98
07/15/2018	3,417.98	-	3,417.98	-
06/30/2019	-	-	-	3,417.98
07/15/2019	3,417.98	-	3,417.98	-
06/30/2020	-	-	-	3,417.98
07/15/2020	3,417.98	-	3,417.98	-
06/30/2021	-	-	-	3,417.98
07/15/2021	3,417.98	-	3,417.98	-
06/30/2022	-	-	-	3,417.98
07/15/2022	3,417.98	-	3,417.98	-
06/30/2023	-	-	-	3,417.98
<b>Total</b>	<b>\$51,269.70</b>	<b>-</b>	<b>\$51,269.70</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$393.92
Average Life.....	7.683 Years
Average Coupon.....	-
Net Interest Cost (NIC).....	-
True Interest Cost (TIC).....	-2.00E-14
Bond Yield for Arbitrage Purposes.....	-1.62E-15
All Inclusive Cost (AIC).....	-2.00E-14

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Net Interest Cost.....	-
Weighted Average Maturity.....	7.683 Years

**Town of Marshfield, Massachusetts**  
**\$34,180 MCWT Bonds Dated November 9, 2007**  
**CW-01-24-A; Pool 11**  
**(40% General Fund)**

**Debt Service Schedule**

Date	Principal	Coupon	Total P+I	Fiscal Total
11/09/2007	-	-	-	-
07/15/2008	2,278.65	-	2,278.65	-
06/30/2009	-	-	-	2,278.65
07/15/2009	2,278.65	-	2,278.65	-
06/30/2010	-	-	-	2,278.65
07/15/2010	2,278.65	-	2,278.65	-
06/30/2011	-	-	-	2,278.65
07/15/2011	2,278.65	-	2,278.65	-
06/30/2012	-	-	-	2,278.65
07/15/2012	2,278.65	-	2,278.65	-
06/30/2013	-	-	-	2,278.65
07/15/2013	2,278.65	-	2,278.65	-
06/30/2014	-	-	-	2,278.65
07/15/2014	2,278.65	-	2,278.65	-
06/30/2015	-	-	-	2,278.65
07/15/2015	2,278.65	-	2,278.65	-
06/30/2016	-	-	-	2,278.65
07/15/2016	2,278.65	-	2,278.65	-
06/30/2017	-	-	-	2,278.65
07/15/2017	2,278.65	-	2,278.65	-
06/30/2018	-	-	-	2,278.65
07/15/2018	2,278.65	-	2,278.65	-
06/30/2019	-	-	-	2,278.65
07/15/2019	2,278.65	-	2,278.65	-
06/30/2020	-	-	-	2,278.65
07/15/2020	2,278.65	-	2,278.65	-
06/30/2021	-	-	-	2,278.65
07/15/2021	2,278.65	-	2,278.65	-
06/30/2022	-	-	-	2,278.65
07/15/2022	2,278.65	-	2,278.65	-
06/30/2023	-	-	-	2,278.65
<b>Total</b>	<b>\$34,179.75</b>	<b>-</b>	<b>\$34,179.75</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$262.61
Average Life.....	7.683 Years
Average Coupon.....	-
Net Interest Cost (NIC).....	-
True Interest Cost (TIC).....	5.20E-15
Bond Yield for Arbitrage Purposes.....	-1.28E-14
All Inclusive Cost (AIC).....	5.20E-15

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Net Interest Cost.....	-
Weighted Average Maturity.....	7.683 Years

**Town of Marshfield, Massachusetts**  
**\$140,835 MCWT Sewer Bonds Dated March 18, 2009**  
**CW-01-24-B; Pool 14**  
**(60% Sewer)**

**Debt Service Schedule**

Date	Principal	Coupon	Total P+I	Fiscal Total
03/18/2009	-	-	-	-
07/15/2009	10,059.60	-	10,059.60	-
06/30/2010	-	-	-	10,059.60
07/15/2010	10,059.60	-	10,059.60	-
06/30/2011	-	-	-	10,059.60
07/15/2011	10,059.60	-	10,059.60	-
06/30/2012	-	-	-	10,059.60
07/15/2012	10,059.60	-	10,059.60	-
06/30/2013	-	-	-	10,059.60
07/15/2013	10,059.60	-	10,059.60	-
06/30/2014	-	-	-	10,059.60
07/15/2014	10,059.60	-	10,059.60	-
06/30/2015	-	-	-	10,059.60
07/15/2015	10,059.60	-	10,059.60	-
06/30/2016	-	-	-	10,059.60
07/15/2016	10,059.60	-	10,059.60	-
06/30/2017	-	-	-	10,059.60
07/15/2017	10,059.60	-	10,059.60	-
06/30/2018	-	-	-	10,059.60
07/15/2018	10,059.60	-	10,059.60	-
06/30/2019	-	-	-	10,059.60
07/15/2019	10,059.60	-	10,059.60	-
06/30/2020	-	-	-	10,059.60
07/15/2020	10,059.60	-	10,059.60	-
06/30/2021	-	-	-	10,059.60
07/15/2021	10,059.60	-	10,059.60	-
06/30/2022	-	-	-	10,059.60
07/15/2022	10,060.20	-	10,060.20	-
06/30/2023	-	-	-	10,060.20
<b>Total</b>	<b>\$140,835.00</b>	<b>-</b>	<b>\$140,835.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$961.20
Average Life.....	6.825 Years
Average Coupon.....	-
Net Interest Cost (NIC).....	-
True Interest Cost (TIC).....	6.54E-10
Bond Yield for Arbitrage Purposes.....	6.54E-10
All Inclusive Cost (AIC).....	6.54E-10

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Net Interest Cost.....	-
Weighted Average Maturity.....	6.825 Years

**Town of Marshfield, Massachusetts**  
 \$93,890 MCWT Sewer Bonds Dated March 18, 2009  
 CW-01-24-B; Pool 14  
 (40% General Fund)

**Debt Service Schedule**

Date	Principal	Coupon	Total P+I	Fiscal Total
03/18/2009	-	-	-	-
07/15/2009	6,706.40	-	6,706.40	-
06/30/2010	-	-	-	6,706.40
07/15/2010	6,706.40	-	6,706.40	-
06/30/2011	-	-	-	6,706.40
07/15/2011	6,706.40	-	6,706.40	-
06/30/2012	-	-	-	6,706.40
07/15/2012	6,706.40	-	6,706.40	-
06/30/2013	-	-	-	6,706.40
07/15/2013	6,706.40	-	6,706.40	-
06/30/2014	-	-	-	6,706.40
07/15/2014	6,706.40	-	6,706.40	-
06/30/2015	-	-	-	6,706.40
07/15/2015	6,706.40	-	6,706.40	-
06/30/2016	-	-	-	6,706.40
07/15/2016	6,706.40	-	6,706.40	-
06/30/2017	-	-	-	6,706.40
07/15/2017	6,706.40	-	6,706.40	-
06/30/2018	-	-	-	6,706.40
07/15/2018	6,706.40	-	6,706.40	-
06/30/2019	-	-	-	6,706.40
07/15/2019	6,706.40	-	6,706.40	-
06/30/2020	-	-	-	6,706.40
07/15/2020	6,706.40	-	6,706.40	-
06/30/2021	-	-	-	6,706.40
07/15/2021	6,706.40	-	6,706.40	-
06/30/2022	-	-	-	6,706.40
07/15/2022	6,706.80	-	6,706.80	-
06/30/2023	-	-	-	6,706.80
<b>Total</b>	<b>\$93,890.00</b>	<b>-</b>	<b>\$93,890.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$640.80
Average Life.....	6.825 Years
Average Coupon.....	-
Net Interest Cost (NIC).....	-
True Interest Cost (TIC).....	6.54E-10
Bond Yield for Arbitrage Purposes.....	6.54E-10
All Inclusive Cost (AIC).....	6.54E-10

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Net Interest Cost.....	-
Weighted Average Maturity.....	6.825 Years

**Town of Marshfield, Massachusetts**  
**\$2,500,000 MCWT Water Bonds Dated March 18, 2009**  
**DW-07-15**  
**Pool 14**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
03/18/2009	-	-	-	-	-
07/15/2009	152,516.00	2.000%	16,250.00	168,766.00	-
01/15/2010	-	-	23,474.84	23,474.84	-
06/30/2010	-	-	-	-	192,240.84
07/15/2010	146,759.00	2.000%	23,474.84	170,233.84	-
01/15/2011	-	-	22,007.25	22,007.25	-
06/30/2011	-	-	-	-	192,241.09
07/15/2011	149,724.00	2.000%	22,007.25	171,731.25	-
01/15/2012	-	-	20,510.01	20,510.01	-
06/30/2012	-	-	-	-	192,241.26
07/15/2012	152,748.00	2.000%	20,510.01	173,258.01	-
01/15/2013	-	-	18,982.53	18,982.53	-
06/30/2013	-	-	-	-	192,240.54
07/15/2013	155,834.00	2.000%	18,982.53	174,816.53	-
01/15/2014	-	-	17,424.19	17,424.19	-
06/30/2014	-	-	-	-	192,240.72
07/15/2014	158,982.00	2.000%	17,424.19	176,406.19	-
01/15/2015	-	-	15,834.37	15,834.37	-
06/30/2015	-	-	-	-	192,240.56
07/15/2015	162,194.00	2.000%	15,834.37	178,028.37	-
01/15/2016	-	-	14,212.43	14,212.43	-
06/30/2016	-	-	-	-	192,240.80
07/15/2016	165,471.00	2.000%	14,212.43	179,683.43	-
01/15/2017	-	-	12,557.72	12,557.72	-
06/30/2017	-	-	-	-	192,241.15
07/15/2017	168,813.00	2.000%	12,557.72	181,370.72	-
01/15/2018	-	-	10,869.59	10,869.59	-
06/30/2018	-	-	-	-	192,240.31
07/15/2018	172,224.00	2.000%	10,869.59	183,093.59	-
01/15/2019	-	-	9,147.35	9,147.35	-
06/30/2019	-	-	-	-	192,240.94
07/15/2019	175,703.00	2.000%	9,147.35	184,850.35	-
01/15/2020	-	-	7,390.32	7,390.32	-
06/30/2020	-	-	-	-	192,240.67
07/15/2020	179,253.00	2.000%	7,390.32	186,643.32	-
01/15/2021	-	-	5,597.79	5,597.79	-
06/30/2021	-	-	-	-	192,241.11
07/15/2021	182,874.00	2.000%	5,597.79	188,471.79	-
01/15/2022	-	-	3,769.05	3,769.05	-
06/30/2022	-	-	-	-	192,240.84
07/15/2022	186,568.00	2.000%	3,769.05	190,337.05	-
01/15/2023	-	-	1,903.37	1,903.37	-
06/30/2023	-	-	-	-	192,240.42
07/15/2023	190,337.00	2.000%	1,903.37	192,240.37	-
06/30/2024	-	-	-	-	192,240.37
<b>Total</b>	<b>\$2,500,000.00</b>	<b>-</b>	<b>\$383,611.62</b>	<b>\$2,883,611.62</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$19,180.58
Average Life.....	7.672 Years
Average Coupon.....	2.0000000%
Net Interest Cost (NIC).....	2.0000000%
True Interest Cost (TIC).....	2.0001626%
Bond Yield for Arbitrage Purposes.....	2.0001626%
All Inclusive Cost (AIC).....	2.0001626%

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Net Interest Cost.....	2.0000000%
Weighted Average Maturity.....	7.672 Years

**Town of Marshfield, Massachusetts**  
**\$13,295,000 General Obligation Refunding Bonds, Series A**  
**Dated February 15, 2010**  
**\$695,290 Adv Ref of June 1 01- Sewer I (I)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/23/2010	-	-	-	-	-
06/15/2010	7,320.00	2.500%	8,446.33	15,766.33	-
06/30/2010	-	-	-	-	15,766.33
12/15/2010	-	-	12,577.99	12,577.99	-
06/15/2011	3,920.00	2.000%	12,577.99	16,497.99	-
06/30/2011	-	-	-	-	29,075.98
12/15/2011	-	-	12,538.79	12,538.79	-
06/15/2012	74,520.00	2.000%	12,538.79	87,058.79	-
06/30/2012	-	-	-	-	99,597.58
12/15/2012	-	-	11,793.59	11,793.59	-
06/15/2013	71,910.00	3.000%	11,793.59	83,703.59	-
06/30/2013	-	-	-	-	95,497.18
12/15/2013	-	-	10,714.94	10,714.94	-
06/15/2014	70,860.00	3.000%	10,714.94	81,574.94	-
06/30/2014	-	-	-	-	92,289.88
12/15/2014	-	-	9,652.04	9,652.04	-
06/15/2015	69,820.00	2.125%	9,652.04	79,472.04	-
06/30/2015	-	-	-	-	89,124.08
12/15/2015	-	-	8,910.20	8,910.20	-
06/15/2016	67,990.00	3.000%	8,910.20	76,900.20	-
06/30/2016	-	-	-	-	85,810.40
12/15/2016	-	-	7,890.35	7,890.35	-
06/15/2017	66,680.00	4.000%	7,890.35	74,570.35	-
06/30/2017	-	-	-	-	82,460.70
12/15/2017	-	-	6,556.75	6,556.75	-
06/15/2018	66,160.00	5.000%	6,556.75	72,716.75	-
06/30/2018	-	-	-	-	79,273.50
12/15/2018	-	-	4,902.75	4,902.75	-
06/15/2019	65,890.00	5.000%	4,902.75	70,792.75	-
06/30/2019	-	-	-	-	75,695.50
12/15/2019	-	-	3,255.50	3,255.50	-
06/15/2020	65,630.00	5.000%	3,255.50	68,885.50	-
06/30/2020	-	-	-	-	72,141.00
12/15/2020	-	-	1,614.75	1,614.75	-
06/15/2021	64,590.00	5.000%	1,614.75	66,204.75	-
06/30/2021	-	-	-	-	67,819.50
<b>Total</b>	<b>\$695,290.00</b>	<b>-</b>	<b>\$189,261.63</b>	<b>\$884,551.63</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2010 to 02/23/2010.....	563.09
Bond Year Dollars.....	\$4,596.77
Average Life.....	6.611 Years
Average Coupon.....	4.1172713%
Net Interest Cost (NIC).....	2.6554694%
True Interest Cost (TIC).....	2.4656039%
Bond Yield for Arbitrage Purposes.....	2.4656027%
All Inclusive Cost (AIC).....	2.4656039%

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Net Interest Cost.....	2.3581860%
Weighted Average Maturity.....	6.757 Years

**Town of Marshfield, Massachusetts**  
**\$13,295,000 General Obligation Refunding Bonds, Series A**  
**Dated February 15, 2010**  
**\$248,310 Adv Ref of June 1 01- Sewer II (I)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/23/2010	-	-	-	-	-
06/15/2010	2,610.00	2.500%	3,016.47	5,626.47	-
06/30/2010	-	-	-	-	5,626.47
12/15/2010	-	-	4,492.08	4,492.08	-
06/15/2011	1,400.00	2.000%	4,492.08	5,892.08	-
06/30/2011	-	-	-	-	10,384.16
12/15/2011	-	-	4,478.08	4,478.08	-
06/15/2012	26,620.00	2.000%	4,478.08	31,098.08	-
06/30/2012	-	-	-	-	35,576.16
12/15/2012	-	-	4,211.88	4,211.88	-
06/15/2013	25,680.00	3.000%	4,211.88	29,891.88	-
06/30/2013	-	-	-	-	34,103.76
12/15/2013	-	-	3,826.68	3,826.68	-
06/15/2014	25,310.00	3.000%	3,826.68	29,136.68	-
06/30/2014	-	-	-	-	32,963.36
12/15/2014	-	-	3,447.03	3,447.03	-
06/15/2015	24,930.00	2.125%	3,447.03	28,377.03	-
06/30/2015	-	-	-	-	31,824.06
12/15/2015	-	-	3,182.15	3,182.15	-
06/15/2016	24,280.00	3.000%	3,182.15	27,462.15	-
06/30/2016	-	-	-	-	30,644.30
12/15/2016	-	-	2,817.95	2,817.95	-
06/15/2017	23,810.00	4.000%	2,817.95	26,627.95	-
06/30/2017	-	-	-	-	29,445.90
12/15/2017	-	-	2,341.75	2,341.75	-
06/15/2018	23,630.00	5.000%	2,341.75	25,971.75	-
06/30/2018	-	-	-	-	28,313.50
12/15/2018	-	-	1,751.00	1,751.00	-
06/15/2019	23,530.00	5.000%	1,751.00	25,281.00	-
06/30/2019	-	-	-	-	27,032.00
12/15/2019	-	-	1,162.75	1,162.75	-
06/15/2020	23,440.00	5.000%	1,162.75	24,602.75	-
06/30/2020	-	-	-	-	25,765.50
12/15/2020	-	-	576.75	576.75	-
06/15/2021	23,070.00	5.000%	576.75	23,646.75	-
06/30/2021	-	-	-	-	24,223.50
<b>Total</b>	<b>\$248,310.00</b>	<b>-</b>	<b>\$67,592.67</b>	<b>\$315,902.67</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2010 to 02/23/2010.....	201.10
Bond Year Dollars.....	\$1,641.67
Average Life.....	6.611 Years
Average Coupon.....	4.1173116%
Net Interest Cost (NIC).....	2.6554831%
True Interest Cost (TIC).....	2.4656117%
Bond Yield for Arbitrage Purposes.....	2.4656027%
All Inclusive Cost (AIC).....	2.4656117%

**IRS Form 8038**

Net Interest Cost.....	2.3581921%
Weighted Average Maturity.....	6.757 Years

**Town of Marshfield, Massachusetts**  
**\$13,295,000 General Obligation Refunding Bonds, Series A**  
**Dated February 15, 2010**  
**\$12,351,400 Adv Ref of June 1 01- School (OE)**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/23/2010	-	-	-	-	-
06/15/2010	130,070.00	2.500%	150,043.45	280,113.45	-
06/30/2010	-	-	-	-	280,113.45
12/15/2010	-	-	223,439.31	223,439.31	-
06/15/2011	69,680.00	2.000%	223,439.31	293,119.31	-
06/30/2011	-	-	-	-	516,558.62
12/15/2011	-	-	222,742.51	222,742.51	-
06/15/2012	1,323,860.00	2.000%	222,742.51	1,546,602.51	-
06/30/2012	-	-	-	-	1,769,345.02
12/15/2012	-	-	209,503.91	209,503.91	-
06/15/2013	1,277,410.00	3.000%	209,503.91	1,486,913.91	-
06/30/2013	-	-	-	-	1,696,417.82
12/15/2013	-	-	190,342.76	190,342.76	-
06/15/2014	1,258,830.00	3.000%	190,342.76	1,449,172.76	-
06/30/2014	-	-	-	-	1,639,515.52
12/15/2014	-	-	171,460.31	171,460.31	-
06/15/2015	1,240,250.00	2.125%	171,460.31	1,411,710.31	-
06/30/2015	-	-	-	-	1,583,170.62
12/15/2015	-	-	158,282.65	158,282.65	-
06/15/2016	1,207,730.00	3.000%	158,282.65	1,366,012.65	-
06/30/2016	-	-	-	-	1,524,295.30
12/15/2016	-	-	140,166.70	140,166.70	-
06/15/2017	1,184,510.00	4.000%	140,166.70	1,324,676.70	-
06/30/2017	-	-	-	-	1,464,843.40
12/15/2017	-	-	116,476.50	116,476.50	-
06/15/2018	1,175,210.00	5.000%	116,476.50	1,291,686.50	-
06/30/2018	-	-	-	-	1,408,163.00
12/15/2018	-	-	87,096.25	87,096.25	-
06/15/2019	1,170,580.00	5.000%	87,096.25	1,257,676.25	-
06/30/2019	-	-	-	-	1,344,772.50
12/15/2019	-	-	57,831.75	57,831.75	-
06/15/2020	1,165,930.00	5.000%	57,831.75	1,223,761.75	-
06/30/2020	-	-	-	-	1,281,593.50
12/15/2020	-	-	28,683.50	28,683.50	-
06/15/2021	1,147,340.00	5.000%	28,683.50	1,176,023.50	-
06/30/2021	-	-	-	-	1,204,707.00
<b>Total</b>	<b>\$12,351,400.00</b>	<b>-</b>	<b>\$3,362,095.75</b>	<b>\$15,713,495.75</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2010 to 02/23/2010.....	10,002.90
Bond Year Dollars.....	\$81,658.22
Average Life.....	6.611 Years
Average Coupon.....	4.1172776%
Net Interest Cost (NIC).....	2.6554688%
True Interest Cost (TIC).....	2.4656024%
Bond Yield for Arbitrage Purposes.....	2.4656027%
All Inclusive Cost (AIC).....	2.4656024%

**IRS Form 8038**

Net Interest Cost.....	2.3581845%
Weighted Average Maturity.....	6.757 Years



**Town of Marshfield, Massachusetts**  
**\$3,481,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$250,000 Sewer Pump Station (I) Dated October 15, 2010**  
 Ch. 44, s. 7 (1), v. 4/29/08, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/27/2010	-	-	-	-	-
10/15/2011	25,000.00	2.000%	5,587.50	30,587.50	-
04/15/2012	-	-	2,543.75	2,543.75	-
06/30/2012	-	-	-	-	33,131.25
10/15/2012	25,000.00	2.000%	2,543.75	27,543.75	-
04/15/2013	-	-	2,293.75	2,293.75	-
06/30/2013	-	-	-	-	29,837.50
10/15/2013	25,000.00	2.000%	2,293.75	27,293.75	-
04/15/2014	-	-	2,043.75	2,043.75	-
06/30/2014	-	-	-	-	29,337.50
10/15/2014	25,000.00	2.000%	2,043.75	27,043.75	-
04/15/2015	-	-	1,793.75	1,793.75	-
06/30/2015	-	-	-	-	28,837.50
10/15/2015	25,000.00	3.000%	1,793.75	26,793.75	-
04/15/2016	-	-	1,418.75	1,418.75	-
06/30/2016	-	-	-	-	28,212.50
10/15/2016	25,000.00	3.000%	1,418.75	26,418.75	-
04/15/2017	-	-	1,043.75	1,043.75	-
06/30/2017	-	-	-	-	27,462.50
10/15/2017	25,000.00	2.000%	1,043.75	26,043.75	-
04/15/2018	-	-	793.75	793.75	-
06/30/2018	-	-	-	-	26,837.50
10/15/2018	25,000.00	2.000%	793.75	25,793.75	-
04/15/2019	-	-	543.75	543.75	-
06/30/2019	-	-	-	-	26,337.50
10/15/2019	25,000.00	2.100%	543.75	25,543.75	-
04/15/2020	-	-	281.25	281.25	-
06/30/2020	-	-	-	-	25,825.00
10/15/2020	25,000.00	2.250%	281.25	25,281.25	-
06/30/2021	-	-	-	-	25,281.25
<b>Total</b>	<b>\$250,000.00</b>	<b>-</b>	<b>\$31,100.00</b>	<b>\$281,100.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 10/15/2010 to 10/27/2010.....	186.25
Bond Year Dollars.....	\$1,375.00
Average Life.....	5.500 Years
Average Coupon.....	2.2618182%
Net Interest Cost (NIC).....	2.2618182%
True Interest Cost (TIC).....	2.2607512%
Bond Yield for Arbitrage Purposes.....	2.2639911%
All Inclusive Cost (AIC).....	2.2607512%

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Net Interest Cost.....	2.2482727%
Weighted Average Maturity.....	5.500 Years

**Town of Marshfield, Massachusetts**  
**\$3,481,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$175,000 Winslow School Renovations (I) Dated October 15, 2010**  
 Ch. 44, s. 7, v. 4/1/08, art. 20

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/27/2010	-	-	-	-	-
10/15/2011	20,000.00	2.000%	3,902.50	23,902.50	-
04/15/2012	-	-	1,751.25	1,751.25	-
06/30/2012	-	-	-	-	25,653.75
10/15/2012	20,000.00	2.000%	1,751.25	21,751.25	-
04/15/2013	-	-	1,551.25	1,551.25	-
06/30/2013	-	-	-	-	23,302.50
10/15/2013	20,000.00	2.000%	1,551.25	21,551.25	-
04/15/2014	-	-	1,351.25	1,351.25	-
06/30/2014	-	-	-	-	22,902.50
10/15/2014	20,000.00	2.000%	1,351.25	21,351.25	-
04/15/2015	-	-	1,151.25	1,151.25	-
06/30/2015	-	-	-	-	22,502.50
10/15/2015	20,000.00	3.000%	1,151.25	21,151.25	-
04/15/2016	-	-	851.25	851.25	-
06/30/2016	-	-	-	-	22,002.50
10/15/2016	15,000.00	3.000%	851.25	15,851.25	-
04/15/2017	-	-	626.25	626.25	-
06/30/2017	-	-	-	-	16,477.50
10/15/2017	15,000.00	2.000%	626.25	15,626.25	-
04/15/2018	-	-	476.25	476.25	-
06/30/2018	-	-	-	-	16,102.50
10/15/2018	15,000.00	2.000%	476.25	15,476.25	-
04/15/2019	-	-	326.25	326.25	-
06/30/2019	-	-	-	-	15,802.50
10/15/2019	15,000.00	2.100%	326.25	15,326.25	-
04/15/2020	-	-	168.75	168.75	-
06/30/2020	-	-	-	-	15,495.00
10/15/2020	15,000.00	2.250%	168.75	15,168.75	-
06/30/2021	-	-	-	-	15,168.75
<b>Total</b>	<b>\$175,000.00</b>	<b>-</b>	<b>\$20,410.00</b>	<b>\$195,410.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 10/15/2010 to 10/27/2010.....	130.08
Bond Year Dollars.....	\$900.00
Average Life.....	5.143 Years
Average Coupon.....	2.267778%
Net Interest Cost (NIC).....	2.267778%
True Interest Cost (TIC).....	2.2662980%
Bond Yield for Arbitrage Purposes.....	2.2639911%
All Inclusive Cost (AIC).....	2.2662980%

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Net Interest Cost.....	2.2533244%
Weighted Average Maturity.....	5.143 Years

**Town of Marshfield, Massachusetts**  
**\$3,481,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$250,000 Seawall Repairs I (I) Dated October 15, 2010**  
**Ch. 44, s. 7(33), v. 4/26/10, art. 4**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/27/2010	-	-	-	-	-
10/15/2011	25,000.00	2.000%	5,587.50	30,587.50	-
04/15/2012	-	-	2,543.75	2,543.75	-
06/30/2012	-	-	-	-	33,131.25
10/15/2012	25,000.00	2.000%	2,543.75	27,543.75	-
04/15/2013	-	-	2,293.75	2,293.75	-
06/30/2013	-	-	-	-	29,837.50
10/15/2013	25,000.00	2.000%	2,293.75	27,293.75	-
04/15/2014	-	-	2,043.75	2,043.75	-
06/30/2014	-	-	-	-	29,337.50
10/15/2014	25,000.00	2.000%	2,043.75	27,043.75	-
04/15/2015	-	-	1,793.75	1,793.75	-
06/30/2015	-	-	-	-	28,837.50
10/15/2015	25,000.00	3.000%	1,793.75	26,793.75	-
04/15/2016	-	-	1,418.75	1,418.75	-
06/30/2016	-	-	-	-	28,212.50
10/15/2016	25,000.00	3.000%	1,418.75	26,418.75	-
04/15/2017	-	-	1,043.75	1,043.75	-
06/30/2017	-	-	-	-	27,462.50
10/15/2017	25,000.00	2.000%	1,043.75	26,043.75	-
04/15/2018	-	-	793.75	793.75	-
06/30/2018	-	-	-	-	26,837.50
10/15/2018	25,000.00	2.000%	793.75	25,793.75	-
04/15/2019	-	-	543.75	543.75	-
06/30/2019	-	-	-	-	26,337.50
10/15/2019	25,000.00	2.100%	543.75	25,543.75	-
04/15/2020	-	-	281.25	281.25	-
06/30/2020	-	-	-	-	25,825.00
10/15/2020	25,000.00	2.250%	281.25	25,281.25	-
06/30/2021	-	-	-	-	25,281.25
<b>Total</b>	<b>\$250,000.00</b>	<b>-</b>	<b>\$31,100.00</b>	<b>\$281,100.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 10/15/2010 to 10/27/2010.....	186.25
Bond Year Dollars.....	\$1,375.00
Average Life.....	5.500 Years
Average Coupon.....	2.2618182%
Net Interest Cost (NIC).....	2.2618182%
True Interest Cost (TIC).....	2.2607512%
Bond Yield for Arbitrage Purposes.....	2.2639911%
All Inclusive Cost (AIC).....	2.2607512%

**IRS Form 8038**

Net Interest Cost.....	2.2482727%
Weighted Average Maturity.....	5.500 Years

**Town of Marshfield, Massachusetts**  
**\$3,481,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$1,250,000 Seawall Repairs II (I) Dated October 15, 2010**  
 Ch. 44, s. 7(33), v. 8/2/10, art. 1

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/27/2010	-	-	-	-	-
10/15/2011	125,000.00	2.000%	27,937.50	152,937.50	-
04/15/2012	-	-	12,718.75	12,718.75	-
06/30/2012	-	-	-	-	165,656.25
10/15/2012	125,000.00	2.000%	12,718.75	137,718.75	-
04/15/2013	-	-	11,468.75	11,468.75	-
06/30/2013	-	-	-	-	149,187.50
10/15/2013	125,000.00	2.000%	11,468.75	136,468.75	-
04/15/2014	-	-	10,218.75	10,218.75	-
06/30/2014	-	-	-	-	146,687.50
10/15/2014	125,000.00	2.000%	10,218.75	135,218.75	-
04/15/2015	-	-	8,968.75	8,968.75	-
06/30/2015	-	-	-	-	144,187.50
10/15/2015	125,000.00	3.000%	8,968.75	133,968.75	-
04/15/2016	-	-	7,093.75	7,093.75	-
06/30/2016	-	-	-	-	141,062.50
10/15/2016	125,000.00	3.000%	7,093.75	132,093.75	-
04/15/2017	-	-	5,218.75	5,218.75	-
06/30/2017	-	-	-	-	137,312.50
10/15/2017	125,000.00	2.000%	5,218.75	130,218.75	-
04/15/2018	-	-	3,968.75	3,968.75	-
06/30/2018	-	-	-	-	134,187.50
10/15/2018	125,000.00	2.000%	3,968.75	128,968.75	-
04/15/2019	-	-	2,718.75	2,718.75	-
06/30/2019	-	-	-	-	131,687.50
10/15/2019	125,000.00	2.100%	2,718.75	127,718.75	-
04/15/2020	-	-	1,406.25	1,406.25	-
06/30/2020	-	-	-	-	129,125.00
10/15/2020	125,000.00	2.250%	1,406.25	126,406.25	-
06/30/2021	-	-	-	-	126,406.25
<b>Total</b>	<b>\$1,250,000.00</b>	<b>-</b>	<b>\$155,500.00</b>	<b>\$1,405,500.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 10/15/2010 to 10/27/2010.....	931.25
Bond Year Dollars.....	\$6,875.00
Average Life.....	5.500 Years
Average Coupon.....	2.2618182%
Net Interest Cost (NIC).....	2.2618182%
True Interest Cost (TIC).....	2.2607512%
Bond Yield for Arbitrage Purposes.....	2.2639911%
All Inclusive Cost (AIC).....	2.2607512%

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Net Interest Cost.....	2.2482727%
Weighted Average Maturity.....	5.500 Years

**Town of Marshfield, Massachusetts**  
**\$3,481,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$300,000 Pine St Water Main (O) Dated October 15, 2010**  
 Ch. 44, s. 8(5), v. 4/28/09, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/27/2010	-	-	-	-	-
10/15/2011	30,000.00	2.000%	6,705.00	36,705.00	-
04/15/2012	-	-	3,052.50	3,052.50	-
06/30/2012	-	-	-	-	39,757.50
10/15/2012	30,000.00	2.000%	3,052.50	33,052.50	-
04/15/2013	-	-	2,752.50	2,752.50	-
06/30/2013	-	-	-	-	35,805.00
10/15/2013	30,000.00	2.000%	2,752.50	32,752.50	-
04/15/2014	-	-	2,452.50	2,452.50	-
06/30/2014	-	-	-	-	35,205.00
10/15/2014	30,000.00	2.000%	2,452.50	32,452.50	-
04/15/2015	-	-	2,152.50	2,152.50	-
06/30/2015	-	-	-	-	34,605.00
10/15/2015	30,000.00	3.000%	2,152.50	32,152.50	-
04/15/2016	-	-	1,702.50	1,702.50	-
06/30/2016	-	-	-	-	33,855.00
10/15/2016	30,000.00	3.000%	1,702.50	31,702.50	-
04/15/2017	-	-	1,252.50	1,252.50	-
06/30/2017	-	-	-	-	32,955.00
10/15/2017	30,000.00	2.000%	1,252.50	31,252.50	-
04/15/2018	-	-	952.50	952.50	-
06/30/2018	-	-	-	-	32,205.00
10/15/2018	30,000.00	2.000%	952.50	30,952.50	-
04/15/2019	-	-	652.50	652.50	-
06/30/2019	-	-	-	-	31,605.00
10/15/2019	30,000.00	2.100%	652.50	30,652.50	-
04/15/2020	-	-	337.50	337.50	-
06/30/2020	-	-	-	-	30,990.00
10/15/2020	30,000.00	2.250%	337.50	30,337.50	-
06/30/2021	-	-	-	-	30,337.50
<b>Total</b>	<b>\$300,000.00</b>	<b>-</b>	<b>\$37,320.00</b>	<b>\$337,320.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 10/15/2010 to 10/27/2010.....	223.50
Bond Year Dollars.....	\$1,650.00
Average Life.....	5.500 Years
Average Coupon.....	2.2618182%
Net Interest Cost (NIC).....	2.2618182%
True Interest Cost (TIC).....	2.2607512%
Bond Yield for Arbitrage Purposes.....	2.2639911%
All Inclusive Cost (AIC).....	2.2607512%

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Net Interest Cost.....	2.2482727%
Weighted Average Maturity.....	5.500 Years

**Town of Marshfield, Massachusetts**  
**\$3,481,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$50,000 Highland St Water Main (O) Dated October 15, 2010**  
 Ch. 44, s. 8(4), v. 4/26/10, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/27/2010	-	-	-	-	-
10/15/2011	5,000.00	2.000%	1,117.50	6,117.50	-
04/15/2012	-	-	508.75	508.75	-
06/30/2012	-	-	-	-	6,626.25
10/15/2012	5,000.00	2.000%	508.75	5,508.75	-
04/15/2013	-	-	458.75	458.75	-
06/30/2013	-	-	-	-	5,967.50
10/15/2013	5,000.00	2.000%	458.75	5,458.75	-
04/15/2014	-	-	408.75	408.75	-
06/30/2014	-	-	-	-	5,867.50
10/15/2014	5,000.00	2.000%	408.75	5,408.75	-
04/15/2015	-	-	358.75	358.75	-
06/30/2015	-	-	-	-	5,767.50
10/15/2015	5,000.00	3.000%	358.75	5,358.75	-
04/15/2016	-	-	283.75	283.75	-
06/30/2016	-	-	-	-	5,642.50
10/15/2016	5,000.00	3.000%	283.75	5,283.75	-
04/15/2017	-	-	208.75	208.75	-
06/30/2017	-	-	-	-	5,492.50
10/15/2017	5,000.00	2.000%	208.75	5,208.75	-
04/15/2018	-	-	158.75	158.75	-
06/30/2018	-	-	-	-	5,367.50
10/15/2018	5,000.00	2.000%	158.75	5,158.75	-
04/15/2019	-	-	108.75	108.75	-
06/30/2019	-	-	-	-	5,267.50
10/15/2019	5,000.00	2.100%	108.75	5,108.75	-
04/15/2020	-	-	56.25	56.25	-
06/30/2020	-	-	-	-	5,165.00
10/15/2020	5,000.00	2.250%	56.25	5,056.25	-
06/30/2021	-	-	-	-	5,056.25
<b>Total</b>	<b>\$50,000.00</b>	<b>-</b>	<b>\$6,220.00</b>	<b>\$56,220.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 10/15/2010 to 10/27/2010.....	37.25
Bond Year Dollars.....	\$275.00
Average Life.....	5.500 Years
Average Coupon.....	2.2618182%
Net Interest Cost (NIC).....	2.2618182%
True Interest Cost (TIC).....	2.2607512%
Bond Yield for Arbitrage Purposes.....	2.2639911%
All Inclusive Cost (AIC).....	2.2607512%

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Net Interest Cost.....	2.2482727%
Weighted Average Maturity.....	5.500 Years

**Town of Marshfield, Massachusetts**  
**\$4,025,000 General Obligation Municipal Purpose Loan of 2011 Bonds**  
**\$2,150,000 Land Acquisition- Water I (O) Dated February 15, 2011**  
Ch. 44, s. 7(3), auth. 10/25/10, art. 9

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/28/2011	-	-	-	-	-
08/15/2011	-	-	42,125.00	42,125.00	-
02/15/2012	145,000.00	3.000%	42,125.00	187,125.00	-
06/30/2012	-	-	-	-	229,250.00
08/15/2012	-	-	39,950.00	39,950.00	-
02/15/2013	145,000.00	3.000%	39,950.00	184,950.00	-
06/30/2013	-	-	-	-	224,900.00
08/15/2013	-	-	37,775.00	37,775.00	-
02/15/2014	145,000.00	3.000%	37,775.00	182,775.00	-
06/30/2014	-	-	-	-	220,550.00
08/15/2014	-	-	35,600.00	35,600.00	-
02/15/2015	145,000.00	4.000%	35,600.00	180,600.00	-
06/30/2015	-	-	-	-	216,200.00
08/15/2015	-	-	32,700.00	32,700.00	-
02/15/2016	145,000.00	4.000%	32,700.00	177,700.00	-
06/30/2016	-	-	-	-	210,400.00
08/15/2016	-	-	29,800.00	29,800.00	-
02/15/2017	145,000.00	4.500%	29,800.00	174,800.00	-
06/30/2017	-	-	-	-	204,600.00
08/15/2017	-	-	26,537.50	26,537.50	-
02/15/2018	145,000.00	5.000%	26,537.50	171,537.50	-
06/30/2018	-	-	-	-	198,075.00
08/15/2018	-	-	22,912.50	22,912.50	-
02/15/2019	145,000.00	5.000%	22,912.50	167,912.50	-
06/30/2019	-	-	-	-	190,825.00
08/15/2019	-	-	19,287.50	19,287.50	-
02/15/2020	145,000.00	5.000%	19,287.50	164,287.50	-
06/30/2020	-	-	-	-	183,575.00
08/15/2020	-	-	15,662.50	15,662.50	-
02/15/2021	145,000.00	3.500%	15,662.50	160,662.50	-
06/30/2021	-	-	-	-	176,325.00
08/15/2021	-	-	13,125.00	13,125.00	-
02/15/2022	140,000.00	3.500%	13,125.00	153,125.00	-
06/30/2022	-	-	-	-	166,250.00
08/15/2022	-	-	10,675.00	10,675.00	-
02/15/2023	140,000.00	3.625%	10,675.00	150,675.00	-
06/30/2023	-	-	-	-	161,350.00
08/15/2023	-	-	8,137.50	8,137.50	-
02/15/2024	140,000.00	3.625%	8,137.50	148,137.50	-
06/30/2024	-	-	-	-	156,275.00
08/15/2024	-	-	5,600.00	5,600.00	-
02/15/2025	140,000.00	4.000%	5,600.00	145,600.00	-
06/30/2025	-	-	-	-	151,200.00
08/15/2025	-	-	2,800.00	2,800.00	-
02/15/2026	140,000.00	4.000%	2,800.00	142,800.00	-
06/30/2026	-	-	-	-	145,600.00
<b>Total</b>	<b>\$2,150,000.00</b>	<b>-</b>	<b>\$685,375.00</b>	<b>\$2,835,375.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2011 to 02/28/2011.....	3,042.36
Bond Year Dollars.....	\$17,075.00
Average Life.....	7.942 Years
Average Coupon.....	4.0139092%
Net Interest Cost (NIC).....	3.3143883%
True Interest Cost (TIC).....	3.1912781%
Bond Yield for Arbitrage Purposes.....	3.0358223%
All Inclusive Cost (AIC).....	3.1912781%

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Net Interest Cost.....	3.1573938%
Weighted Average Maturity.....	7.856 Years

**Town of Marshfield, Massachusetts**  
 \$4,025,000 General Obligation Municipal Purpose Loan of 2011 Bonds  
 \$228,000 Land Acquisition- Water II (O) Dated February 15, 2011  
 Ch. 44, s. 7(3), auth. 4/26/10, art. 11

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/28/2011	-	-	-	-	-
08/15/2011	-	-	4,451.25	4,451.25	-
02/15/2012	18,000.00	3.000%	4,451.25	22,451.25	-
06/30/2012	-	-	-	-	26,902.50
08/15/2012	-	-	4,181.25	4,181.25	-
02/15/2013	15,000.00	3.000%	4,181.25	19,181.25	-
06/30/2013	-	-	-	-	23,362.50
08/15/2013	-	-	3,956.25	3,956.25	-
02/15/2014	15,000.00	3.000%	3,956.25	18,956.25	-
06/30/2014	-	-	-	-	22,912.50
08/15/2014	-	-	3,731.25	3,731.25	-
02/15/2015	15,000.00	4.000%	3,731.25	18,731.25	-
06/30/2015	-	-	-	-	22,462.50
08/15/2015	-	-	3,431.25	3,431.25	-
02/15/2016	15,000.00	4.000%	3,431.25	18,431.25	-
06/30/2016	-	-	-	-	21,862.50
08/15/2016	-	-	3,131.25	3,131.25	-
02/15/2017	15,000.00	4.500%	3,131.25	18,131.25	-
06/30/2017	-	-	-	-	21,262.50
08/15/2017	-	-	2,793.75	2,793.75	-
02/15/2018	15,000.00	5.000%	2,793.75	17,793.75	-
06/30/2018	-	-	-	-	20,587.50
08/15/2018	-	-	2,418.75	2,418.75	-
02/15/2019	15,000.00	5.000%	2,418.75	17,418.75	-
06/30/2019	-	-	-	-	19,837.50
08/15/2019	-	-	2,043.75	2,043.75	-
02/15/2020	15,000.00	5.000%	2,043.75	17,043.75	-
06/30/2020	-	-	-	-	19,087.50
08/15/2020	-	-	1,668.75	1,668.75	-
02/15/2021	15,000.00	3.500%	1,668.75	16,668.75	-
06/30/2021	-	-	-	-	18,337.50
08/15/2021	-	-	1,406.25	1,406.25	-
02/15/2022	15,000.00	3.500%	1,406.25	16,406.25	-
06/30/2022	-	-	-	-	17,812.50
08/15/2022	-	-	1,143.75	1,143.75	-
02/15/2023	15,000.00	3.625%	1,143.75	16,143.75	-
06/30/2023	-	-	-	-	17,287.50
08/15/2023	-	-	871.88	871.88	-
02/15/2024	15,000.00	3.625%	871.88	15,871.88	-
06/30/2024	-	-	-	-	16,743.76
08/15/2024	-	-	600.00	600.00	-
02/15/2025	15,000.00	4.000%	600.00	15,600.00	-
06/30/2025	-	-	-	-	16,200.00
08/15/2025	-	-	300.00	300.00	-
02/15/2026	15,000.00	4.000%	300.00	15,300.00	-
06/30/2026	-	-	-	-	15,600.00
<b>Total</b>	<b>\$228,000.00</b>	<b>-</b>	<b>\$72,258.76</b>	<b>\$300,258.76</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2011 to 02/28/2011.....	321.48
Bond Year Dollars.....	\$1,803.00
Average Life.....	7.908 Years
Average Coupon.....	4.0076961%
Net Interest Cost (NIC).....	3.3183583%
True Interest Cost (TIC).....	3.1962584%
Bond Yield for Arbitrage Purposes.....	3.0358223%
All Inclusive Cost (AIC).....	3.1962584%

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Net Interest Cost.....	3.1636962%
Weighted Average Maturity.....	7.823 Years



**Town of Marshfield, Massachusetts**  
**\$4,025,000 General Obligation Municipal Purpose Loan of 2011 Bonds**  
**\$875,000 Winslow School Remodeling (I) Dated February 15, 2011**  
 Ch. 44, s. 7(3A), auth. 5/1/08, art. 20

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/28/2011	-	-	-	-	-
08/15/2011	-	-	17,425.00	17,425.00	-
02/15/2012	90,000.00	3.000%	17,425.00	107,425.00	-
06/30/2012	-	-	-	-	124,850.00
08/15/2012	-	-	16,075.00	16,075.00	-
02/15/2013	90,000.00	3.000%	16,075.00	106,075.00	-
06/30/2013	-	-	-	-	122,150.00
08/15/2013	-	-	14,725.00	14,725.00	-
02/15/2014	90,000.00	3.000%	14,725.00	104,725.00	-
06/30/2014	-	-	-	-	119,450.00
08/15/2014	-	-	13,375.00	13,375.00	-
02/15/2015	90,000.00	4.000%	13,375.00	103,375.00	-
06/30/2015	-	-	-	-	116,750.00
08/15/2015	-	-	11,575.00	11,575.00	-
02/15/2016	90,000.00	4.000%	11,575.00	101,575.00	-
06/30/2016	-	-	-	-	113,150.00
08/15/2016	-	-	9,775.00	9,775.00	-
02/15/2017	85,000.00	4.500%	9,775.00	94,775.00	-
06/30/2017	-	-	-	-	104,550.00
08/15/2017	-	-	7,862.50	7,862.50	-
02/15/2018	85,000.00	5.000%	7,862.50	92,862.50	-
06/30/2018	-	-	-	-	100,725.00
08/15/2018	-	-	5,737.50	5,737.50	-
02/15/2019	85,000.00	5.000%	5,737.50	90,737.50	-
06/30/2019	-	-	-	-	96,475.00
08/15/2019	-	-	3,612.50	3,612.50	-
02/15/2020	85,000.00	5.000%	3,612.50	88,612.50	-
06/30/2020	-	-	-	-	92,225.00
08/15/2020	-	-	1,487.50	1,487.50	-
02/15/2021	85,000.00	3.500%	1,487.50	86,487.50	-
06/30/2021	-	-	-	-	87,975.00
<b>Total</b>	<b>\$875,000.00</b>	<b>-</b>	<b>\$203,300.00</b>	<b>\$1,078,300.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2011 to 02/28/2011.....	1,258.47
Bond Year Dollars.....	\$4,750.00
Average Life.....	5.429 Years
Average Coupon.....	4.280000%
Net Interest Cost (NIC).....	2.7849095%
True Interest Cost (TIC).....	2.6184745%
Bond Yield for Arbitrage Purposes.....	3.0358223%
All Inclusive Cost (AIC).....	2.6184745%

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Net Interest Cost.....	2.5253080%
Weighted Average Maturity.....	5.485 Years

**Town of Marshfield, Massachusetts**  
**\$4,025,000 General Obligation Municipal Purpose Loan of 2011 Bonds**  
**\$100,000 Roads (I) Dated February 15, 2011**  
Ch. 44, s. 7(5), auth. 4/28/09, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/28/2011	-	-	-	-	-
08/15/2011	-	-	2,000.00	2,000.00	-
02/15/2012	10,000.00	3.000%	2,000.00	12,000.00	-
06/30/2012	-	-	-	-	14,000.00
08/15/2012	-	-	1,850.00	1,850.00	-
02/15/2013	10,000.00	3.000%	1,850.00	11,850.00	-
06/30/2013	-	-	-	-	13,700.00
08/15/2013	-	-	1,700.00	1,700.00	-
02/15/2014	10,000.00	3.000%	1,700.00	11,700.00	-
06/30/2014	-	-	-	-	13,400.00
08/15/2014	-	-	1,550.00	1,550.00	-
02/15/2015	10,000.00	4.000%	1,550.00	11,550.00	-
06/30/2015	-	-	-	-	13,100.00
08/15/2015	-	-	1,350.00	1,350.00	-
02/15/2016	10,000.00	4.000%	1,350.00	11,350.00	-
06/30/2016	-	-	-	-	12,700.00
08/15/2016	-	-	1,150.00	1,150.00	-
02/15/2017	10,000.00	4.500%	1,150.00	11,150.00	-
06/30/2017	-	-	-	-	12,300.00
08/15/2017	-	-	925.00	925.00	-
02/15/2018	10,000.00	5.000%	925.00	10,925.00	-
06/30/2018	-	-	-	-	11,850.00
08/15/2018	-	-	675.00	675.00	-
02/15/2019	10,000.00	5.000%	675.00	10,675.00	-
06/30/2019	-	-	-	-	11,350.00
08/15/2019	-	-	425.00	425.00	-
02/15/2020	10,000.00	5.000%	425.00	10,425.00	-
06/30/2020	-	-	-	-	10,850.00
08/15/2020	-	-	175.00	175.00	-
02/15/2021	10,000.00	3.500%	175.00	10,175.00	-
06/30/2021	-	-	-	-	10,350.00
<b>Total</b>	<b>\$100,000.00</b>	<b>-</b>	<b>\$23,600.00</b>	<b>\$123,600.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2011 to 02/28/2011.....	144.44
Bond Year Dollars.....	\$550.00
Average Life.....	5.500 Years
Average Coupon.....	4.2909091%
Net Interest Cost (NIC).....	2.8020364%
True Interest Cost (TIC).....	2.6346634%
Bond Yield for Arbitrage Purposes.....	3.0358223%
All Inclusive Cost (AIC).....	2.6346634%

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Net Interest Cost.....	2.5402948%
Weighted Average Maturity.....	5.555 Years

**Town of Marshfield, Massachusetts**  
**\$4,025,000 General Obligation Municipal Purpose Loan of 2011 Bonds**  
**\$150,000 Seawall Construction (I) Dated February 15, 2011**  
Ch. 44, s. 7(33), auth. 4/28/09, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/28/2011	-	-	-	-	-
08/15/2011	-	-	3,000.00	3,000.00	-
02/15/2012	15,000.00	3.000%	3,000.00	18,000.00	-
06/30/2012	-	-	-	-	21,000.00
08/15/2012	-	-	2,775.00	2,775.00	-
02/15/2013	15,000.00	3.000%	2,775.00	17,775.00	-
06/30/2013	-	-	-	-	20,550.00
08/15/2013	-	-	2,550.00	2,550.00	-
02/15/2014	15,000.00	3.000%	2,550.00	17,550.00	-
06/30/2014	-	-	-	-	20,100.00
08/15/2014	-	-	2,325.00	2,325.00	-
02/15/2015	15,000.00	4.000%	2,325.00	17,325.00	-
06/30/2015	-	-	-	-	19,650.00
08/15/2015	-	-	2,025.00	2,025.00	-
02/15/2016	15,000.00	4.000%	2,025.00	17,025.00	-
06/30/2016	-	-	-	-	19,050.00
08/15/2016	-	-	1,725.00	1,725.00	-
02/15/2017	15,000.00	4.500%	1,725.00	16,725.00	-
06/30/2017	-	-	-	-	18,450.00
08/15/2017	-	-	1,387.50	1,387.50	-
02/15/2018	15,000.00	5.000%	1,387.50	16,387.50	-
06/30/2018	-	-	-	-	17,775.00
08/15/2018	-	-	1,012.50	1,012.50	-
02/15/2019	15,000.00	5.000%	1,012.50	16,012.50	-
06/30/2019	-	-	-	-	17,025.00
08/15/2019	-	-	637.50	637.50	-
02/15/2020	15,000.00	5.000%	637.50	15,637.50	-
06/30/2020	-	-	-	-	16,275.00
08/15/2020	-	-	262.50	262.50	-
02/15/2021	15,000.00	3.500%	262.50	15,262.50	-
06/30/2021	-	-	-	-	15,525.00
<b>Total</b>	<b>\$150,000.00</b>	<b>-</b>	<b>\$35,400.00</b>	<b>\$185,400.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2011 to 02/28/2011.....	216.67
Bond Year Dollars.....	\$825.00
Average Life.....	5.500 Years
Average Coupon.....	4.2909091%
Net Interest Cost (NIC).....	2.8020364%
True Interest Cost (TIC).....	2.6346622%
Bond Yield for Arbitrage Purposes.....	3.0358223%
All Inclusive Cost (AIC).....	2.6346622%

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Net Interest Cost.....	2.5402937%
Weighted Average Maturity.....	5.555 Years

**Town of Marshfield, Massachusetts**  
**\$4,025,000 General Obligation Municipal Purpose Loan of 2011 Bonds**  
**\$100,000 Water Mains (O) Dated February 15, 2011**  
Ch. 44, s. 8(5), auth. 4/28/09, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/28/2011	-	-	-	-	-
08/15/2011	-	-	2,000.00	2,000.00	-
02/15/2012	10,000.00	3.000%	2,000.00	12,000.00	-
06/30/2012	-	-	-	-	14,000.00
08/15/2012	-	-	1,850.00	1,850.00	-
02/15/2013	10,000.00	3.000%	1,850.00	11,850.00	-
06/30/2013	-	-	-	-	13,700.00
08/15/2013	-	-	1,700.00	1,700.00	-
02/15/2014	10,000.00	3.000%	1,700.00	11,700.00	-
06/30/2014	-	-	-	-	13,400.00
08/15/2014	-	-	1,550.00	1,550.00	-
02/15/2015	10,000.00	4.000%	1,550.00	11,550.00	-
06/30/2015	-	-	-	-	13,100.00
08/15/2015	-	-	1,350.00	1,350.00	-
02/15/2016	10,000.00	4.000%	1,350.00	11,350.00	-
06/30/2016	-	-	-	-	12,700.00
08/15/2016	-	-	1,150.00	1,150.00	-
02/15/2017	10,000.00	4.500%	1,150.00	11,150.00	-
06/30/2017	-	-	-	-	12,300.00
08/15/2017	-	-	925.00	925.00	-
02/15/2018	10,000.00	5.000%	925.00	10,925.00	-
06/30/2018	-	-	-	-	11,850.00
08/15/2018	-	-	675.00	675.00	-
02/15/2019	10,000.00	5.000%	675.00	10,675.00	-
06/30/2019	-	-	-	-	11,350.00
08/15/2019	-	-	425.00	425.00	-
02/15/2020	10,000.00	5.000%	425.00	10,425.00	-
06/30/2020	-	-	-	-	10,850.00
08/15/2020	-	-	175.00	175.00	-
02/15/2021	10,000.00	3.500%	175.00	10,175.00	-
06/30/2021	-	-	-	-	10,350.00
<b>Total</b>	<b>\$100,000.00</b>	<b>-</b>	<b>\$23,600.00</b>	<b>\$123,600.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2011 to 02/28/2011.....	144.44
Bond Year Dollars.....	\$550.00
Average Life.....	5.500 Years
Average Coupon.....	4.2909091%
Net Interest Cost (NIC).....	2.8020364%
True Interest Cost (TIC).....	2.6346634%
Bond Yield for Arbitrage Purposes.....	3.0358223%
All Inclusive Cost (AIC).....	2.6346634%

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Net Interest Cost.....	2.5402948%
Weighted Average Maturity.....	5.555 Years

**Town of Marshfield, Massachusetts**  
**\$5,000,000 Qualified Energy Conservation Bonds Dated July 2, 2012**  
**TAXABLE**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/02/2012	-	-	-	-	-
07/01/2013	-	-	151,079.17	151,079.17	-
01/01/2014	500,000.00	3.030%	75,750.00	575,750.00	-
06/30/2014	-	-	-	-	726,829.17
07/01/2014	-	-	68,175.00	68,175.00	-
01/01/2015	500,000.00	3.030%	68,175.00	568,175.00	-
06/30/2015	-	-	-	-	636,350.00
07/01/2015	-	-	60,600.00	60,600.00	-
01/01/2016	500,000.00	3.030%	60,600.00	560,600.00	-
06/30/2016	-	-	-	-	621,200.00
07/01/2016	-	-	53,025.00	53,025.00	-
01/01/2017	500,000.00	3.030%	53,025.00	553,025.00	-
06/30/2017	-	-	-	-	606,050.00
07/01/2017	-	-	45,450.00	45,450.00	-
01/01/2018	500,000.00	3.030%	45,450.00	545,450.00	-
06/30/2018	-	-	-	-	590,900.00
07/01/2018	-	-	37,875.00	37,875.00	-
01/01/2019	500,000.00	3.030%	37,875.00	537,875.00	-
06/30/2019	-	-	-	-	575,750.00
07/01/2019	-	-	30,300.00	30,300.00	-
01/01/2020	500,000.00	3.030%	30,300.00	530,300.00	-
06/30/2020	-	-	-	-	560,600.00
07/01/2020	-	-	22,725.00	22,725.00	-
01/01/2021	500,000.00	3.030%	22,725.00	522,725.00	-
06/30/2021	-	-	-	-	545,450.00
07/01/2021	-	-	15,150.00	15,150.00	-
01/01/2022	500,000.00	3.030%	15,150.00	515,150.00	-
06/30/2022	-	-	-	-	530,300.00
07/01/2022	-	-	7,575.00	7,575.00	-
01/01/2023	500,000.00	3.030%	7,575.00	507,575.00	-
06/30/2023	-	-	-	-	515,150.00
<b>Total</b>	<b>\$5,000,000.00</b>	<b>-</b>	<b>\$908,579.17</b>	<b>\$5,908,579.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$29,986.11
Average Life.....	5.997 Years
Average Coupon.....	3.030000%
Net Interest Cost (NIC).....	3.030000%
True Interest Cost (TIC).....	3.0258724%
Bond Yield for Arbitrage Purposes.....	3.0258724%
All Inclusive Cost (AIC).....	3.0258724%

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Net Interest Cost.....	3.030000%
Weighted Average Maturity.....	5.997 Years

**Town of Marshfield, Massachusetts**  
**\$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds**  
**\$250,000 Roads (I) Dated November 7, 2012**  
Ch. 44, s. 7(5), v. 4/26/11, amended 10/24/11, art. 4 & 1

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	30,000.00	2.000%	9,095.83	39,095.83	-
05/01/2014	-	-	4,325.00	4,325.00	-
06/30/2014	-	-	-	-	43,420.83
11/01/2014	30,000.00	3.000%	4,325.00	34,325.00	-
05/01/2015	-	-	3,875.00	3,875.00	-
06/30/2015	-	-	-	-	38,200.00
11/01/2015	30,000.00	3.000%	3,875.00	33,875.00	-
05/01/2016	-	-	3,425.00	3,425.00	-
06/30/2016	-	-	-	-	37,300.00
11/01/2016	30,000.00	3.000%	3,425.00	33,425.00	-
05/01/2017	-	-	2,975.00	2,975.00	-
06/30/2017	-	-	-	-	36,400.00
11/01/2017	30,000.00	4.000%	2,975.00	32,975.00	-
05/01/2018	-	-	2,375.00	2,375.00	-
06/30/2018	-	-	-	-	35,350.00
11/01/2018	25,000.00	4.000%	2,375.00	27,375.00	-
05/01/2019	-	-	1,875.00	1,875.00	-
06/30/2019	-	-	-	-	29,250.00
11/01/2019	25,000.00	5.000%	1,875.00	26,875.00	-
05/01/2020	-	-	1,250.00	1,250.00	-
06/30/2020	-	-	-	-	28,125.00
11/01/2020	25,000.00	5.000%	1,250.00	26,250.00	-
05/01/2021	-	-	625.00	625.00	-
06/30/2021	-	-	-	-	26,875.00
11/01/2021	25,000.00	5.000%	625.00	25,625.00	-
06/30/2022	-	-	-	-	25,625.00
<b>Total</b>	<b>\$250,000.00</b>	<b>-</b>	<b>\$50,545.83</b>	<b>\$300,545.83</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,195.83
Average Life.....	4.783 Years
Average Coupon.....	4.2268290%
Net Interest Cost (NIC).....	1.3210896%
True Interest Cost (TIC).....	1.1916361%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	1.1916361%

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Net Interest Cost.....	1.1144578%
Weighted Average Maturity.....	4.978 Years

**Town of Marshfield, Massachusetts**  
**\$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds**  
**\$300,000 Police Communication Tower (I) Dated November 7, 2012**  
 Ch. 44, s. 7(14), v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	30,000.00	2.000%	11,505.00	41,505.00	-
05/01/2014	-	-	5,550.00	5,550.00	-
06/30/2014	-	-	-	-	47,055.00
11/01/2014	30,000.00	3.000%	5,550.00	35,550.00	-
05/01/2015	-	-	5,100.00	5,100.00	-
06/30/2015	-	-	-	-	40,650.00
11/01/2015	30,000.00	3.000%	5,100.00	35,100.00	-
05/01/2016	-	-	4,650.00	4,650.00	-
06/30/2016	-	-	-	-	39,750.00
11/01/2016	30,000.00	3.000%	4,650.00	34,650.00	-
05/01/2017	-	-	4,200.00	4,200.00	-
06/30/2017	-	-	-	-	38,850.00
11/01/2017	30,000.00	4.000%	4,200.00	34,200.00	-
05/01/2018	-	-	3,600.00	3,600.00	-
06/30/2018	-	-	-	-	37,800.00
11/01/2018	30,000.00	4.000%	3,600.00	33,600.00	-
05/01/2019	-	-	3,000.00	3,000.00	-
06/30/2019	-	-	-	-	36,600.00
11/01/2019	30,000.00	5.000%	3,000.00	33,000.00	-
05/01/2020	-	-	2,250.00	2,250.00	-
06/30/2020	-	-	-	-	35,250.00
11/01/2020	30,000.00	5.000%	2,250.00	32,250.00	-
05/01/2021	-	-	1,500.00	1,500.00	-
06/30/2021	-	-	-	-	33,750.00
11/01/2021	30,000.00	5.000%	1,500.00	31,500.00	-
05/01/2022	-	-	750.00	750.00	-
06/30/2022	-	-	-	-	32,250.00
11/01/2022	30,000.00	5.000%	750.00	30,750.00	-
06/30/2023	-	-	-	-	30,750.00
<b>Total</b>	<b>\$300,000.00</b>	<b>-</b>	<b>\$72,705.00</b>	<b>\$372,705.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,645.00
Average Life.....	5.483 Years
Average Coupon.....	4.4197568%
Net Interest Cost (NIC).....	1.5212280%
True Interest Cost (TIC).....	1.3574984%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	1.3574984%

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Net Interest Cost.....	1.2607119%
Weighted Average Maturity.....	5.709 Years

**Town of Marshfield, Massachusetts**  
 \$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds  
 \$1,500,000 Water Storage Tank (O) Dated November 7, 2012  
 Ch. 44, s. 8, v. 4/26/11 art 4, amended 10/24/11 art. 1 & 8

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	75,000.00	2.000%	55,312.50	130,312.50	-
05/01/2014	-	-	27,375.00	27,375.00	-
06/30/2014	-	-	-	-	157,687.50
11/01/2014	75,000.00	3.000%	27,375.00	102,375.00	-
05/01/2015	-	-	26,250.00	26,250.00	-
06/30/2015	-	-	-	-	128,625.00
11/01/2015	75,000.00	3.000%	26,250.00	101,250.00	-
05/01/2016	-	-	25,125.00	25,125.00	-
06/30/2016	-	-	-	-	126,375.00
11/01/2016	75,000.00	3.000%	25,125.00	100,125.00	-
05/01/2017	-	-	24,000.00	24,000.00	-
06/30/2017	-	-	-	-	124,125.00
11/01/2017	75,000.00	4.000%	24,000.00	99,000.00	-
05/01/2018	-	-	22,500.00	22,500.00	-
06/30/2018	-	-	-	-	121,500.00
11/01/2018	75,000.00	4.000%	22,500.00	97,500.00	-
05/01/2019	-	-	21,000.00	21,000.00	-
06/30/2019	-	-	-	-	118,500.00
11/01/2019	75,000.00	5.000%	21,000.00	96,000.00	-
05/01/2020	-	-	19,125.00	19,125.00	-
06/30/2020	-	-	-	-	115,125.00
11/01/2020	75,000.00	5.000%	19,125.00	94,125.00	-
05/01/2021	-	-	17,250.00	17,250.00	-
06/30/2021	-	-	-	-	111,375.00
11/01/2021	75,000.00	5.000%	17,250.00	92,250.00	-
05/01/2022	-	-	15,375.00	15,375.00	-
06/30/2022	-	-	-	-	107,625.00
11/01/2022	75,000.00	5.000%	15,375.00	90,375.00	-
05/01/2023	-	-	13,500.00	13,500.00	-
06/30/2023	-	-	-	-	103,875.00
11/01/2023	75,000.00	5.000%	13,500.00	88,500.00	-
05/01/2024	-	-	11,625.00	11,625.00	-
06/30/2024	-	-	-	-	100,125.00
11/01/2024	75,000.00	5.000%	11,625.00	86,625.00	-
05/01/2025	-	-	9,750.00	9,750.00	-
06/30/2025	-	-	-	-	96,375.00
11/01/2025	75,000.00	5.000%	9,750.00	84,750.00	-
05/01/2026	-	-	7,875.00	7,875.00	-
06/30/2026	-	-	-	-	92,625.00
11/01/2026	75,000.00	3.000%	7,875.00	82,875.00	-
05/01/2027	-	-	6,750.00	6,750.00	-
06/30/2027	-	-	-	-	89,625.00
11/01/2027	75,000.00	3.000%	6,750.00	81,750.00	-
05/01/2028	-	-	5,625.00	5,625.00	-
06/30/2028	-	-	-	-	87,375.00
11/01/2028	75,000.00	3.000%	5,625.00	80,625.00	-
05/01/2029	-	-	4,500.00	4,500.00	-
06/30/2029	-	-	-	-	85,125.00
11/01/2029	75,000.00	3.000%	4,500.00	79,500.00	-
05/01/2030	-	-	3,375.00	3,375.00	-
06/30/2030	-	-	-	-	82,875.00
11/01/2030	75,000.00	3.000%	3,375.00	78,375.00	-
05/01/2031	-	-	2,250.00	2,250.00	-
06/30/2031	-	-	-	-	80,625.00
11/01/2031	75,000.00	3.000%	2,250.00	77,250.00	-
05/01/2032	-	-	1,125.00	1,125.00	-
06/30/2032	-	-	-	-	78,375.00
11/01/2032	75,000.00	3.000%	1,125.00	76,125.00	-
06/30/2033	-	-	-	-	76,125.00
<b>Total</b>	<b>\$1,500,000.00</b>	<b>-</b>	<b>\$584,062.50</b>	<b>\$2,084,062.50</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$15,725.00
Average Life.....	10.483 Years
Average Coupon.....	3.7142289%
Net Interest Cost (NIC).....	2.5779157%
True Interest Cost (TIC).....	2.4032934%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	2.4032934%

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Net Interest Cost.....	2.3459198%
Weighted Average Maturity.....	10.294 Years



**Town of Marshfield, Massachusetts**  
**\$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds**  
**\$250,000 Water Pump Station (O) Dated November 7, 2012**  
**Ch. 44, s. 8, v. 4/23/12, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	25,000.00	2.000%	9,587.50	34,587.50	-
05/01/2014	-	-	4,625.00	4,625.00	-
06/30/2014	-	-	-	-	39,212.50
11/01/2014	25,000.00	3.000%	4,625.00	29,625.00	-
05/01/2015	-	-	4,250.00	4,250.00	-
06/30/2015	-	-	-	-	33,875.00
11/01/2015	25,000.00	3.000%	4,250.00	29,250.00	-
05/01/2016	-	-	3,875.00	3,875.00	-
06/30/2016	-	-	-	-	33,125.00
11/01/2016	25,000.00	3.000%	3,875.00	28,875.00	-
05/01/2017	-	-	3,500.00	3,500.00	-
06/30/2017	-	-	-	-	32,375.00
11/01/2017	25,000.00	4.000%	3,500.00	28,500.00	-
05/01/2018	-	-	3,000.00	3,000.00	-
06/30/2018	-	-	-	-	31,500.00
11/01/2018	25,000.00	4.000%	3,000.00	28,000.00	-
05/01/2019	-	-	2,500.00	2,500.00	-
06/30/2019	-	-	-	-	30,500.00
11/01/2019	25,000.00	5.000%	2,500.00	27,500.00	-
05/01/2020	-	-	1,875.00	1,875.00	-
06/30/2020	-	-	-	-	29,375.00
11/01/2020	25,000.00	5.000%	1,875.00	26,875.00	-
05/01/2021	-	-	1,250.00	1,250.00	-
06/30/2021	-	-	-	-	28,125.00
11/01/2021	25,000.00	5.000%	1,250.00	26,250.00	-
05/01/2022	-	-	625.00	625.00	-
06/30/2022	-	-	-	-	26,875.00
11/01/2022	25,000.00	5.000%	625.00	25,625.00	-
06/30/2023	-	-	-	-	25,625.00
<b>Total</b>	<b>\$250,000.00</b>	<b>-</b>	<b>\$60,587.50</b>	<b>\$310,587.50</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,370.83
Average Life.....	5.483 Years
Average Coupon.....	4.4197568%
Net Interest Cost (NIC).....	1.5212280%
True Interest Cost (TIC).....	1.3574984%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	1.3574984%

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Net Interest Cost.....	1.2607119%
Weighted Average Maturity.....	5.709 Years

**Town of Marshfield, Massachusetts**  
**\$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds**  
**\$135,000 Highland St Water Main Replacement (O) Dated November 7, 2012**  
Ch. 44, s. 8, v. 4/26/10, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	15,000.00	2.000%	5,015.00	20,015.00	-
05/01/2014	-	-	2,400.00	2,400.00	-
06/30/2014	-	-	-	-	22,415.00
11/01/2014	15,000.00	3.000%	2,400.00	17,400.00	-
05/01/2015	-	-	2,175.00	2,175.00	-
06/30/2015	-	-	-	-	19,575.00
11/01/2015	15,000.00	3.000%	2,175.00	17,175.00	-
05/01/2016	-	-	1,950.00	1,950.00	-
06/30/2016	-	-	-	-	19,125.00
11/01/2016	15,000.00	3.000%	1,950.00	16,950.00	-
05/01/2017	-	-	1,725.00	1,725.00	-
06/30/2017	-	-	-	-	18,675.00
11/01/2017	15,000.00	4.000%	1,725.00	16,725.00	-
05/01/2018	-	-	1,425.00	1,425.00	-
06/30/2018	-	-	-	-	18,150.00
11/01/2018	15,000.00	4.000%	1,425.00	16,425.00	-
05/01/2019	-	-	1,125.00	1,125.00	-
06/30/2019	-	-	-	-	17,550.00
11/01/2019	15,000.00	5.000%	1,125.00	16,125.00	-
05/01/2020	-	-	750.00	750.00	-
06/30/2020	-	-	-	-	16,875.00
11/01/2020	15,000.00	5.000%	750.00	15,750.00	-
05/01/2021	-	-	375.00	375.00	-
06/30/2021	-	-	-	-	16,125.00
11/01/2021	15,000.00	5.000%	375.00	15,375.00	-
06/30/2022	-	-	-	-	15,375.00
<b>Total</b>	<b>\$135,000.00</b>	<b>-</b>	<b>\$28,865.00</b>	<b>\$163,865.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$672.75
Average Life.....	4.983 Years
Average Coupon.....	4.2905983%
Net Interest Cost (NIC).....	1.3610554%
True Interest Cost (TIC).....	1.2245142%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	1.2245142%

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Net Interest Cost.....	1.1424733%
Weighted Average Maturity.....	5.180 Years

**Town of Marshfield, Massachusetts**  
 \$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds  
 \$1,000,000 South River St Water Main Replacement (O) Dated November 7, 2012  
 Ch. 44, s. 8, v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	50,000.00	2.000%	36,875.00	86,875.00	-
05/01/2014	-	-	18,250.00	18,250.00	-
06/30/2014	-	-	-	-	105,125.00
11/01/2014	50,000.00	3.000%	18,250.00	68,250.00	-
05/01/2015	-	-	17,500.00	17,500.00	-
06/30/2015	-	-	-	-	85,750.00
11/01/2015	50,000.00	3.000%	17,500.00	67,500.00	-
05/01/2016	-	-	16,750.00	16,750.00	-
06/30/2016	-	-	-	-	84,250.00
11/01/2016	50,000.00	3.000%	16,750.00	66,750.00	-
05/01/2017	-	-	16,000.00	16,000.00	-
06/30/2017	-	-	-	-	82,750.00
11/01/2017	50,000.00	4.000%	16,000.00	66,000.00	-
05/01/2018	-	-	15,000.00	15,000.00	-
06/30/2018	-	-	-	-	81,000.00
11/01/2018	50,000.00	4.000%	15,000.00	65,000.00	-
05/01/2019	-	-	14,000.00	14,000.00	-
06/30/2019	-	-	-	-	79,000.00
11/01/2019	50,000.00	5.000%	14,000.00	64,000.00	-
05/01/2020	-	-	12,750.00	12,750.00	-
06/30/2020	-	-	-	-	76,750.00
11/01/2020	50,000.00	5.000%	12,750.00	62,750.00	-
05/01/2021	-	-	11,500.00	11,500.00	-
06/30/2021	-	-	-	-	74,250.00
11/01/2021	50,000.00	5.000%	11,500.00	61,500.00	-
05/01/2022	-	-	10,250.00	10,250.00	-
06/30/2022	-	-	-	-	71,750.00
11/01/2022	50,000.00	5.000%	10,250.00	60,250.00	-
05/01/2023	-	-	9,000.00	9,000.00	-
06/30/2023	-	-	-	-	69,250.00
11/01/2023	50,000.00	5.000%	9,000.00	59,000.00	-
05/01/2024	-	-	7,750.00	7,750.00	-
06/30/2024	-	-	-	-	66,750.00
11/01/2024	50,000.00	5.000%	7,750.00	57,750.00	-
05/01/2025	-	-	6,500.00	6,500.00	-
06/30/2025	-	-	-	-	64,250.00
11/01/2025	50,000.00	5.000%	6,500.00	56,500.00	-
05/01/2026	-	-	5,250.00	5,250.00	-
06/30/2026	-	-	-	-	61,750.00
11/01/2026	50,000.00	3.000%	5,250.00	55,250.00	-
05/01/2027	-	-	4,500.00	4,500.00	-
06/30/2027	-	-	-	-	59,750.00
11/01/2027	50,000.00	3.000%	4,500.00	54,500.00	-
05/01/2028	-	-	3,750.00	3,750.00	-
06/30/2028	-	-	-	-	58,250.00
11/01/2028	50,000.00	3.000%	3,750.00	53,750.00	-
05/01/2029	-	-	3,000.00	3,000.00	-
06/30/2029	-	-	-	-	56,750.00
11/01/2029	50,000.00	3.000%	3,000.00	53,000.00	-
05/01/2030	-	-	2,250.00	2,250.00	-
06/30/2030	-	-	-	-	55,250.00
11/01/2030	50,000.00	3.000%	2,250.00	52,250.00	-
05/01/2031	-	-	1,500.00	1,500.00	-
06/30/2031	-	-	-	-	53,750.00
11/01/2031	50,000.00	3.000%	1,500.00	51,500.00	-
05/01/2032	-	-	750.00	750.00	-
06/30/2032	-	-	-	-	52,250.00
11/01/2032	50,000.00	3.000%	750.00	50,750.00	-
06/30/2033	-	-	-	-	50,750.00
<b>Total</b>	<b>\$1,000,000.00</b>	<b>-</b>	<b>\$389,375.00</b>	<b>\$1,389,375.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$10,483.33
Average Life.....	10.483 Years
Average Coupon.....	3.7142289%
Net Interest Cost (NIC).....	2.5779157%
True Interest Cost (TIC).....	2.4032934%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	2.4032934%

**IRS Form 8038**

Net Interest Cost.....	2.3459198%
Weighted Average Maturity.....	10.294 Years

**Town of Marshfield, Massachusetts**  
 \$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds  
 \$30,000,000 High School Construction (OE) Dated November 7, 2012  
 Ch. 70B, v. 11/17/11, art. 1

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	1,500,000.00	2.000%	1,106,250.00	2,606,250.00	-
05/01/2014	-	-	547,500.00	547,500.00	-
06/30/2014	-	-	-	-	3,153,750.00
11/01/2014	1,500,000.00	3.000%	547,500.00	2,047,500.00	-
05/01/2015	-	-	525,000.00	525,000.00	-
06/30/2015	-	-	-	-	2,572,500.00
11/01/2015	1,500,000.00	3.000%	525,000.00	2,025,000.00	-
05/01/2016	-	-	502,500.00	502,500.00	-
06/30/2016	-	-	-	-	2,527,500.00
11/01/2016	1,500,000.00	3.000%	502,500.00	2,002,500.00	-
05/01/2017	-	-	480,000.00	480,000.00	-
06/30/2017	-	-	-	-	2,482,500.00
11/01/2017	1,500,000.00	4.000%	480,000.00	1,980,000.00	-
05/01/2018	-	-	450,000.00	450,000.00	-
06/30/2018	-	-	-	-	2,430,000.00
11/01/2018	1,500,000.00	4.000%	450,000.00	1,950,000.00	-
05/01/2019	-	-	420,000.00	420,000.00	-
06/30/2019	-	-	-	-	2,370,000.00
11/01/2019	1,500,000.00	5.000%	420,000.00	1,920,000.00	-
05/01/2020	-	-	382,500.00	382,500.00	-
06/30/2020	-	-	-	-	2,302,500.00
11/01/2020	1,500,000.00	5.000%	382,500.00	1,882,500.00	-
05/01/2021	-	-	345,000.00	345,000.00	-
06/30/2021	-	-	-	-	2,227,500.00
11/01/2021	1,500,000.00	5.000%	345,000.00	1,845,000.00	-
05/01/2022	-	-	307,500.00	307,500.00	-
06/30/2022	-	-	-	-	2,152,500.00
11/01/2022	1,500,000.00	5.000%	307,500.00	1,807,500.00	-
05/01/2023	-	-	270,000.00	270,000.00	-
06/30/2023	-	-	-	-	2,077,500.00
11/01/2023	1,500,000.00	5.000%	270,000.00	1,770,000.00	-
05/01/2024	-	-	232,500.00	232,500.00	-
06/30/2024	-	-	-	-	2,002,500.00
11/01/2024	1,500,000.00	5.000%	232,500.00	1,732,500.00	-
05/01/2025	-	-	195,000.00	195,000.00	-
06/30/2025	-	-	-	-	1,927,500.00
11/01/2025	1,500,000.00	5.000%	195,000.00	1,695,000.00	-
05/01/2026	-	-	157,500.00	157,500.00	-
06/30/2026	-	-	-	-	1,852,500.00
11/01/2026	1,500,000.00	3.000%	157,500.00	1,657,500.00	-
05/01/2027	-	-	135,000.00	135,000.00	-
06/30/2027	-	-	-	-	1,792,500.00
11/01/2027	1,500,000.00	3.000%	135,000.00	1,635,000.00	-
05/01/2028	-	-	112,500.00	112,500.00	-
06/30/2028	-	-	-	-	1,747,500.00
11/01/2028	1,500,000.00	3.000%	112,500.00	1,612,500.00	-
05/01/2029	-	-	90,000.00	90,000.00	-
06/30/2029	-	-	-	-	1,702,500.00
11/01/2029	1,500,000.00	3.000%	90,000.00	1,590,000.00	-
05/01/2030	-	-	67,500.00	67,500.00	-
06/30/2030	-	-	-	-	1,657,500.00
11/01/2030	1,500,000.00	3.000%	67,500.00	1,567,500.00	-
05/01/2031	-	-	45,000.00	45,000.00	-
06/30/2031	-	-	-	-	1,612,500.00
11/01/2031	1,500,000.00	3.000%	45,000.00	1,545,000.00	-
05/01/2032	-	-	22,500.00	22,500.00	-
06/30/2032	-	-	-	-	1,567,500.00
11/01/2032	1,500,000.00	3.000%	22,500.00	1,522,500.00	-
06/30/2033	-	-	-	-	1,522,500.00
<b>Total</b>	<b>\$30,000,000.00</b>	<b>-</b>	<b>\$11,681,250.00</b>	<b>\$41,681,250.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$314,500.00
Average Life.....	10.483 Years
Average Coupon.....	3.7142289%
Net Interest Cost (NIC).....	2.5779157%
True Interest Cost (TIC).....	2.4032934%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	2.4032934%

**IRS Form 8038**

Net Interest Cost.....	2.3459198%
Weighted Average Maturity.....	10.294 Years

**Town of Marshfield, Massachusetts**  
**\$35,647,000 General Obligation Municipal Purpose Loan of 2012 Bonds**  
**\$1,118,000 High School Feasibility Study (OE) Dated November 7, 2012**  
**Ch.70B, v. 4/25/11, art. 2**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/07/2012	-	-	-	-	-
11/01/2013	68,000.00	2.000%	41,949.00	109,949.00	-
05/01/2014	-	-	20,650.00	20,650.00	-
06/30/2014	-	-	-	-	130,599.00
11/01/2014	65,000.00	3.000%	20,650.00	85,650.00	-
05/01/2015	-	-	19,675.00	19,675.00	-
06/30/2015	-	-	-	-	105,325.00
11/01/2015	65,000.00	3.000%	19,675.00	84,675.00	-
05/01/2016	-	-	18,700.00	18,700.00	-
06/30/2016	-	-	-	-	103,375.00
11/01/2016	65,000.00	3.000%	18,700.00	83,700.00	-
05/01/2017	-	-	17,725.00	17,725.00	-
06/30/2017	-	-	-	-	101,425.00
11/01/2017	65,000.00	4.000%	17,725.00	82,725.00	-
05/01/2018	-	-	16,425.00	16,425.00	-
06/30/2018	-	-	-	-	99,150.00
11/01/2018	65,000.00	4.000%	16,425.00	81,425.00	-
05/01/2019	-	-	15,125.00	15,125.00	-
06/30/2019	-	-	-	-	96,550.00
11/01/2019	65,000.00	5.000%	15,125.00	80,125.00	-
05/01/2020	-	-	13,500.00	13,500.00	-
06/30/2020	-	-	-	-	93,625.00
11/01/2020	60,000.00	5.000%	13,500.00	73,500.00	-
05/01/2021	-	-	12,000.00	12,000.00	-
06/30/2021	-	-	-	-	85,500.00
11/01/2021	60,000.00	5.000%	12,000.00	72,000.00	-
05/01/2022	-	-	10,500.00	10,500.00	-
06/30/2022	-	-	-	-	82,500.00
11/01/2022	60,000.00	5.000%	10,500.00	70,500.00	-
05/01/2023	-	-	9,000.00	9,000.00	-
06/30/2023	-	-	-	-	79,500.00
11/01/2023	60,000.00	5.000%	9,000.00	69,000.00	-
05/01/2024	-	-	7,500.00	7,500.00	-
06/30/2024	-	-	-	-	76,500.00
11/01/2024	60,000.00	5.000%	7,500.00	67,500.00	-
05/01/2025	-	-	6,000.00	6,000.00	-
06/30/2025	-	-	-	-	73,500.00
11/01/2025	60,000.00	5.000%	6,000.00	66,000.00	-
05/01/2026	-	-	4,500.00	4,500.00	-
06/30/2026	-	-	-	-	70,500.00
11/01/2026	60,000.00	3.000%	4,500.00	64,500.00	-
05/01/2027	-	-	3,600.00	3,600.00	-
06/30/2027	-	-	-	-	68,100.00
11/01/2027	60,000.00	3.000%	3,600.00	63,600.00	-
05/01/2028	-	-	2,700.00	2,700.00	-
06/30/2028	-	-	-	-	66,300.00
11/01/2028	60,000.00	3.000%	2,700.00	62,700.00	-
05/01/2029	-	-	1,800.00	1,800.00	-
06/30/2029	-	-	-	-	64,500.00
11/01/2029	60,000.00	3.000%	1,800.00	61,800.00	-
05/01/2030	-	-	900.00	900.00	-
06/30/2030	-	-	-	-	62,700.00
11/01/2030	60,000.00	3.000%	900.00	60,900.00	-
06/30/2031	-	-	-	-	60,900.00
<b>Total</b>	<b>\$1,118,000.00</b>	<b>-</b>	<b>\$402,549.00</b>	<b>\$1,520,549.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$10,384.37
Average Life.....	9.288 Years
Average Coupon.....	3.8764906%
Net Interest Cost (NIC).....	2.4361490%
True Interest Cost (TIC).....	2.2415015%
Bond Yield for Arbitrage Purposes.....	2.2823581%
All Inclusive Cost (AIC).....	2.2415015%

**IRS Form 8038**

Net Interest Cost.....	2.1620885%
Weighted Average Maturity.....	9.231 Years

**Town of Marshfield, Massachusetts**  
 \$5,450,000 MCWT Sewer Bonds Dated May 22, 2013  
 CW-11-16  
 Pool 17A

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
05/22/2013	-	-	-	-	-
07/15/2013	-	-	16,047.22	16,047.22	-
01/15/2014	220,458.00	2.000%	54,500.00	274,958.00	-
06/30/2014	-	-	-	-	291,005.22
07/15/2014	-	-	52,295.42	52,295.42	-
01/15/2015	225,249.00	2.000%	52,295.42	277,544.42	-
06/30/2015	-	-	-	-	329,839.84
07/15/2015	-	-	50,042.93	50,042.93	-
01/15/2016	230,145.00	2.000%	50,042.93	280,187.93	-
06/30/2016	-	-	-	-	330,230.86
07/15/2016	-	-	47,741.48	47,741.48	-
01/15/2017	235,147.00	2.000%	47,741.48	282,888.48	-
06/30/2017	-	-	-	-	330,629.96
07/15/2017	-	-	45,390.01	45,390.01	-
01/15/2018	240,257.00	2.000%	45,390.01	285,647.01	-
06/30/2018	-	-	-	-	331,037.02
07/15/2018	-	-	42,987.44	42,987.44	-
01/15/2019	245,479.00	2.000%	42,987.44	288,466.44	-
06/30/2019	-	-	-	-	331,453.88
07/15/2019	-	-	40,532.65	40,532.65	-
01/15/2020	250,814.00	2.000%	40,532.65	291,346.65	-
06/30/2020	-	-	-	-	331,879.30
07/15/2020	-	-	38,024.51	38,024.51	-
01/15/2021	256,265.00	2.000%	38,024.51	294,289.51	-
06/30/2021	-	-	-	-	332,314.02
07/15/2021	-	-	35,461.86	35,461.86	-
01/15/2022	261,835.00	2.000%	35,461.86	297,296.86	-
06/30/2022	-	-	-	-	332,758.72
07/15/2022	-	-	32,843.51	32,843.51	-
01/15/2023	267,525.00	2.000%	32,843.51	300,368.51	-
06/30/2023	-	-	-	-	333,212.02
07/15/2023	-	-	30,168.26	30,168.26	-
01/15/2024	273,340.00	2.000%	30,168.26	303,508.26	-
06/30/2024	-	-	-	-	333,676.52
07/15/2024	-	-	27,434.86	27,434.86	-
01/15/2025	279,280.00	2.000%	27,434.86	306,714.86	-
06/30/2025	-	-	-	-	334,149.72
07/15/2025	-	-	24,642.06	24,642.06	-
01/15/2026	285,350.00	2.000%	24,642.06	309,992.06	-
06/30/2026	-	-	-	-	334,634.12
07/15/2026	-	-	21,788.56	21,788.56	-
01/15/2027	291,552.00	2.000%	21,788.56	313,340.56	-
06/30/2027	-	-	-	-	335,129.12
07/15/2027	-	-	18,873.04	18,873.04	-
01/15/2028	297,888.00	2.000%	18,873.04	316,761.04	-
06/30/2028	-	-	-	-	335,634.08
07/15/2028	-	-	15,894.16	15,894.16	-
01/15/2029	304,363.00	2.000%	15,894.16	320,257.16	-
06/30/2029	-	-	-	-	336,151.32
07/15/2029	-	-	12,850.53	12,850.53	-
01/15/2030	310,978.00	2.000%	12,850.53	323,828.53	-
06/30/2030	-	-	-	-	336,679.06
07/15/2030	-	-	9,740.75	9,740.75	-
01/15/2031	317,736.00	2.000%	9,740.75	327,476.75	-
06/30/2031	-	-	-	-	337,217.50
07/15/2031	-	-	6,563.39	6,563.39	-
01/15/2032	324,642.00	2.000%	6,563.39	331,205.39	-
06/30/2032	-	-	-	-	337,768.78
07/15/2032	-	-	3,316.97	3,316.97	-
01/15/2033	331,697.00	2.000%	3,316.97	335,013.97	-
06/30/2033	-	-	-	-	338,330.94
<b>Total</b>	<b>\$5,450,000.00</b>	<b>-</b>	<b>\$1,183,732.00</b>	<b>\$6,633,732.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$59,186.60
Average Life.....	10.860 Years
Average Coupon.....	2.0000000%
Net Interest Cost (NIC).....	2.0000000%
True Interest Cost (TIC).....	2.0001089%
Bond Yield for Arbitrage Purposes.....	2.0001089%
All Inclusive Cost (AIC).....	2.0001089%
<b>IRS Form 8038</b>	
Net Interest Cost.....	2.0000000%
Weighted Average Maturity.....	10.860 Years

**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$19,000,000 High School Construction (OE) Dated July 29, 2014  
 Ch. 70B, v. 11/17/11, art. 1

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	365,228.82	365,228.82	-
06/30/2015	-	-	-	-	365,228.82
07/15/2015	950,000.00	5.000%	396,031.25	1,346,031.25	-
01/15/2016	-	-	372,281.25	372,281.25	-
06/30/2016	-	-	-	-	1,718,312.50
07/15/2016	950,000.00	5.000%	372,281.25	1,322,281.25	-
01/15/2017	-	-	348,531.25	348,531.25	-
06/30/2017	-	-	-	-	1,670,812.50
07/15/2017	950,000.00	5.250%	348,531.25	1,298,531.25	-
01/15/2018	-	-	323,593.75	323,593.75	-
06/30/2018	-	-	-	-	1,622,125.00
07/15/2018	950,000.00	5.250%	323,593.75	1,273,593.75	-
01/15/2019	-	-	298,656.25	298,656.25	-
06/30/2019	-	-	-	-	1,572,250.00
07/15/2019	950,000.00	5.250%	298,656.25	1,248,656.25	-
01/15/2020	-	-	273,718.75	273,718.75	-
06/30/2020	-	-	-	-	1,522,375.00
07/15/2020	950,000.00	5.250%	273,718.75	1,223,718.75	-
01/15/2021	-	-	248,781.25	248,781.25	-
06/30/2021	-	-	-	-	1,472,500.00
07/15/2021	950,000.00	5.250%	248,781.25	1,198,781.25	-
01/15/2022	-	-	223,843.75	223,843.75	-
06/30/2022	-	-	-	-	1,422,625.00
07/15/2022	950,000.00	5.000%	223,843.75	1,173,843.75	-
01/15/2023	-	-	200,093.75	200,093.75	-
06/30/2023	-	-	-	-	1,373,937.50
07/15/2023	950,000.00	5.000%	200,093.75	1,150,093.75	-
01/15/2024	-	-	176,343.75	176,343.75	-
06/30/2024	-	-	-	-	1,326,437.50
07/15/2024	950,000.00	5.000%	176,343.75	1,126,343.75	-
01/15/2025	-	-	152,593.75	152,593.75	-
06/30/2025	-	-	-	-	1,278,937.50
07/15/2025	950,000.00	5.000%	152,593.75	1,102,593.75	-
01/15/2026	-	-	128,843.75	128,843.75	-
06/30/2026	-	-	-	-	1,231,437.50
07/15/2026	950,000.00	2.500%	128,843.75	1,078,843.75	-
01/15/2027	-	-	116,968.75	116,968.75	-
06/30/2027	-	-	-	-	1,195,812.50
07/15/2027	950,000.00	3.000%	116,968.75	1,066,968.75	-
01/15/2028	-	-	102,718.75	102,718.75	-
06/30/2028	-	-	-	-	1,169,687.50
07/15/2028	950,000.00	3.000%	102,718.75	1,052,718.75	-
01/15/2029	-	-	88,468.75	88,468.75	-
06/30/2029	-	-	-	-	1,141,187.50
07/15/2029	950,000.00	3.000%	88,468.75	1,038,468.75	-
01/15/2030	-	-	74,218.75	74,218.75	-
06/30/2030	-	-	-	-	1,112,687.50
07/15/2030	950,000.00	3.000%	74,218.75	1,024,218.75	-
01/15/2031	-	-	59,968.75	59,968.75	-
06/30/2031	-	-	-	-	1,084,187.50
07/15/2031	950,000.00	3.000%	59,968.75	1,009,968.75	-
01/15/2032	-	-	45,718.75	45,718.75	-
06/30/2032	-	-	-	-	1,055,687.50
07/15/2032	950,000.00	3.125%	45,718.75	995,718.75	-
01/15/2033	-	-	30,875.00	30,875.00	-
06/30/2033	-	-	-	-	1,026,593.75
07/15/2033	950,000.00	3.250%	30,875.00	980,875.00	-
01/15/2034	-	-	15,437.50	15,437.50	-
06/30/2034	-	-	-	-	996,312.50
07/15/2034	950,000.00	3.250%	15,437.50	965,437.50	-
06/30/2035	-	-	-	-	965,437.50
<b>Total</b>	<b>\$19,000,000.00</b>	<b>-</b>	<b>\$7,324,572.57</b>	<b>\$26,324,572.57</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$198,761.11
Average Life.....	10.461 Years
Average Coupon.....	3.6851135%
Net Interest Cost (NIC).....	2.8438594%
True Interest Cost (TIC).....	2.7229987%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	2.7229987%

**IRS Form 8038**

Net Interest Cost.....	2.6498621%
Weighted Average Maturity.....	10.109 Years

**Town of Marshfield, Massachusetts**  
**\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds**  
**\$100,000 School Flooring (I) Dated July 29, 2014**  
 Ch. 44, s. 7(3A), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	2,363.19	2,363.19	-
06/30/2015	-	-	-	-	2,363.19
07/15/2015	10,000.00	5.000%	2,562.50	12,562.50	-
01/15/2016	-	-	2,312.50	2,312.50	-
06/30/2016	-	-	-	-	14,875.00
07/15/2016	10,000.00	5.000%	2,312.50	12,312.50	-
01/15/2017	-	-	2,062.50	2,062.50	-
06/30/2017	-	-	-	-	14,375.00
07/15/2017	10,000.00	5.250%	2,062.50	12,062.50	-
01/15/2018	-	-	1,800.00	1,800.00	-
06/30/2018	-	-	-	-	13,862.50
07/15/2018	10,000.00	5.250%	1,800.00	11,800.00	-
01/15/2019	-	-	1,537.50	1,537.50	-
06/30/2019	-	-	-	-	13,337.50
07/15/2019	10,000.00	5.250%	1,537.50	11,537.50	-
01/15/2020	-	-	1,275.00	1,275.00	-
06/30/2020	-	-	-	-	12,812.50
07/15/2020	10,000.00	5.250%	1,275.00	11,275.00	-
01/15/2021	-	-	1,012.50	1,012.50	-
06/30/2021	-	-	-	-	12,287.50
07/15/2021	10,000.00	5.250%	1,012.50	11,012.50	-
01/15/2022	-	-	750.00	750.00	-
06/30/2022	-	-	-	-	11,762.50
07/15/2022	10,000.00	5.000%	750.00	10,750.00	-
01/15/2023	-	-	500.00	500.00	-
06/30/2023	-	-	-	-	11,250.00
07/15/2023	10,000.00	5.000%	500.00	10,500.00	-
01/15/2024	-	-	250.00	250.00	-
06/30/2024	-	-	-	-	10,750.00
07/15/2024	10,000.00	5.000%	250.00	10,250.00	-
06/30/2025	-	-	-	-	10,250.00
<b>Total</b>	<b>\$100,000.00</b>	<b>-</b>	<b>\$27,925.69</b>	<b>\$127,925.69</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$546.11
Average Life.....	5.461 Years
Average Coupon.....	5.1135546%
Net Interest Cost (NIC).....	2.0085363%
True Interest Cost (TIC).....	1.7986463%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	1.7986463%

**IRS Form 8038**

Net Interest Cost.....	1.5959583%
Weighted Average Maturity.....	5.598 Years



**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$61,000 Fire Equipment 3 (I) Dated July 29, 2014  
 Ch. 44, s. 7(9), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	1,440.97	1,440.97	-
06/30/2015	-	-	-	-	1,440.97
07/15/2015	16,000.00	5.000%	1,562.50	17,562.50	-
01/15/2016	-	-	1,162.50	1,162.50	-
06/30/2016	-	-	-	-	18,725.00
07/15/2016	15,000.00	5.000%	1,162.50	16,162.50	-
01/15/2017	-	-	787.50	787.50	-
06/30/2017	-	-	-	-	16,950.00
07/15/2017	10,000.00	5.250%	787.50	10,787.50	-
01/15/2018	-	-	525.00	525.00	-
06/30/2018	-	-	-	-	11,312.50
07/15/2018	10,000.00	5.250%	525.00	10,525.00	-
01/15/2019	-	-	262.50	262.50	-
06/30/2019	-	-	-	-	10,787.50
07/15/2019	10,000.00	5.250%	262.50	10,262.50	-
06/30/2020	-	-	-	-	10,262.50
<b>Total</b>	<b>\$61,000.00</b>	<b>-</b>	<b>\$8,478.47</b>	<b>\$69,478.47</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$163.63
Average Life.....	2.682 Years
Average Coupon.....	5.1815591%
Net Interest Cost (NIC).....	1.0547353%
True Interest Cost (TIC).....	0.9747550%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	0.9747550%

**IRS Form 8038**

Net Interest Cost.....	0.7670096%
Weighted Average Maturity.....	2.749 Years

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## Town of Marshfield, Massachusetts

\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds

\$34,000 Fire Dept Car Replacement (I) Dated July 29, 2014

Ch. 44, s. 7(9), v. 4/28/14, art. 3

### Debt Service Schedule

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Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	801.18	801.18	-
06/30/2015	-	-	-	-	801.18
07/15/2015	14,000.00	5.000%	868.75	14,868.75	-
01/15/2016	-	-	518.75	518.75	-
06/30/2016	-	-	-	-	15,387.50
07/15/2016	5,000.00	5.000%	518.75	5,518.75	-
01/15/2017	-	-	393.75	393.75	-
06/30/2017	-	-	-	-	5,912.50
07/15/2017	5,000.00	5.250%	393.75	5,393.75	-
01/15/2018	-	-	262.50	262.50	-
06/30/2018	-	-	-	-	5,656.25
07/15/2018	5,000.00	5.250%	262.50	5,262.50	-
01/15/2019	-	-	131.25	131.25	-
06/30/2019	-	-	-	-	5,393.75
07/15/2019	5,000.00	5.250%	131.25	5,131.25	-
06/30/2020	-	-	-	-	5,131.25
<b>Total</b>	<b>\$34,000.00</b>	<b>-</b>	<b>\$4,282.43</b>	<b>\$38,282.43</b>	<b>-</b>

#### Yield Statistics

Bond Year Dollars.....	\$82.68
Average Life.....	2.432 Years
Average Coupon.....	5.1796627%
Net Interest Cost (NIC).....	1.0546607%
True Interest Cost (TIC).....	0.9762906%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	0.9762906%

#### IRS Form 8038

Net Interest Cost.....	0.7533319%
Weighted Average Maturity.....	2.508 Years

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## Town of Marshfield, Massachusetts

\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds

\$87,000 Police Computer Hardware (I) Dated July 29, 2014

Ch. 44, s. 7(28), v. 4/28/14, art. 3

### Debt Service Schedule

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Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	2,057.71	2,057.71	-
06/30/2015	-	-	-	-	2,057.71
07/15/2015	22,000.00	5.000%	2,231.25	24,231.25	-
01/15/2016	-	-	1,681.25	1,681.25	-
06/30/2016	-	-	-	-	25,912.50
07/15/2016	20,000.00	5.000%	1,681.25	21,681.25	-
01/15/2017	-	-	1,181.25	1,181.25	-
06/30/2017	-	-	-	-	22,862.50
07/15/2017	15,000.00	5.250%	1,181.25	16,181.25	-
01/15/2018	-	-	787.50	787.50	-
06/30/2018	-	-	-	-	16,968.75
07/15/2018	15,000.00	5.250%	787.50	15,787.50	-
01/15/2019	-	-	393.75	393.75	-
06/30/2019	-	-	-	-	16,181.25
07/15/2019	15,000.00	5.250%	393.75	15,393.75	-
06/30/2020	-	-	-	-	15,393.75
<b>Total</b>	<b>\$87,000.00</b>	<b>-</b>	<b>\$12,376.46</b>	<b>\$99,376.46</b>	<b>-</b>

#### Yield Statistics

Bond Year Dollars.....	\$238.62
Average Life.....	2.743 Years
Average Coupon.....	5.1867542%
Net Interest Cost (NIC).....	1.0676957%
True Interest Cost (TIC).....	0.9859334%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	0.9859334%

#### IRS Form 8038

Net Interest Cost.....	0.7805028%
Weighted Average Maturity.....	2.810 Years

**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$27,000 Police Equipment 2 (I) Dated July 29, 2014  
 Ch. 44, s. 7(9), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	639.79	639.79	-
06/30/2015	-	-	-	-	639.79
07/15/2015	7,000.00	5.000%	693.75	7,693.75	-
01/15/2016	-	-	518.75	518.75	-
06/30/2016	-	-	-	-	8,212.50
07/15/2016	5,000.00	5.000%	518.75	5,518.75	-
01/15/2017	-	-	393.75	393.75	-
06/30/2017	-	-	-	-	5,912.50
07/15/2017	5,000.00	5.250%	393.75	5,393.75	-
01/15/2018	-	-	262.50	262.50	-
06/30/2018	-	-	-	-	5,656.25
07/15/2018	5,000.00	5.250%	262.50	5,262.50	-
01/15/2019	-	-	131.25	131.25	-
06/30/2019	-	-	-	-	5,393.75
07/15/2019	5,000.00	5.250%	131.25	5,131.25	-
06/30/2020	-	-	-	-	5,131.25
<b>Total</b>	<b>\$27,000.00</b>	<b>-</b>	<b>\$3,946.04</b>	<b>\$30,946.04</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$75.95
Average Life.....	2.813 Years
Average Coupon.....	5.1955760%
Net Interest Cost (NIC).....	1.0903489%
True Interest Cost (TIC).....	1.0056631%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	1.0056631%

**IRS Form 8038**

Net Interest Cost.....	0.8021613%
Weighted Average Maturity.....	2.882 Years

**Town of Marshfield, Massachusetts**  
**\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds**  
**\$103,000 Police Communications Tower (I) Dated July 29, 2014**  
Ch. 44, s. 7(14), v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	2,455.42	2,455.42	-
06/30/2015	-	-	-	-	2,455.42
07/15/2015	18,000.00	5.000%	2,662.50	20,662.50	-
01/15/2016	-	-	2,212.50	2,212.50	-
06/30/2016	-	-	-	-	22,875.00
07/15/2016	15,000.00	5.000%	2,212.50	17,212.50	-
01/15/2017	-	-	1,837.50	1,837.50	-
06/30/2017	-	-	-	-	19,050.00
07/15/2017	15,000.00	5.250%	1,837.50	16,837.50	-
01/15/2018	-	-	1,443.75	1,443.75	-
06/30/2018	-	-	-	-	18,281.25
07/15/2018	15,000.00	5.250%	1,443.75	16,443.75	-
01/15/2019	-	-	1,050.00	1,050.00	-
06/30/2019	-	-	-	-	17,493.75
07/15/2019	15,000.00	5.250%	1,050.00	16,050.00	-
01/15/2020	-	-	656.25	656.25	-
06/30/2020	-	-	-	-	16,706.25
07/15/2020	15,000.00	5.250%	656.25	15,656.25	-
01/15/2021	-	-	262.50	262.50	-
06/30/2021	-	-	-	-	15,918.75
07/15/2021	10,000.00	5.250%	262.50	10,262.50	-
06/30/2022	-	-	-	-	10,262.50
<b>Total</b>	<b>\$103,000.00</b>	<b>-</b>	<b>\$20,042.92</b>	<b>\$123,042.92</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$383.99
Average Life.....	3.728 Years
Average Coupon.....	5.2195859%
Net Interest Cost (NIC).....	1.4358645%
True Interest Cost (TIC).....	1.3046842%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	1.3046842%

**IRS Form 8038**

Net Interest Cost.....	1.1108277%
Weighted Average Maturity.....	3.831 Years

**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$140,000 Dribeek Way Bridge Repairs (I) Dated July 29, 2014  
 Ch. 44, s. 7(4), v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	2,985.69	2,985.69	-
06/30/2015	-	-	-	-	2,985.69
07/15/2015	10,000.00	5.000%	3,237.50	13,237.50	-
01/15/2016	-	-	2,987.50	2,987.50	-
06/30/2016	-	-	-	-	16,225.00
07/15/2016	10,000.00	5.000%	2,987.50	12,987.50	-
01/15/2017	-	-	2,737.50	2,737.50	-
06/30/2017	-	-	-	-	15,725.00
07/15/2017	10,000.00	5.250%	2,737.50	12,737.50	-
01/15/2018	-	-	2,475.00	2,475.00	-
06/30/2018	-	-	-	-	15,212.50
07/15/2018	10,000.00	5.250%	2,475.00	12,475.00	-
01/15/2019	-	-	2,212.50	2,212.50	-
06/30/2019	-	-	-	-	14,687.50
07/15/2019	10,000.00	5.250%	2,212.50	12,212.50	-
01/15/2020	-	-	1,950.00	1,950.00	-
06/30/2020	-	-	-	-	14,162.50
07/15/2020	10,000.00	5.250%	1,950.00	11,950.00	-
01/15/2021	-	-	1,687.50	1,687.50	-
06/30/2021	-	-	-	-	13,637.50
07/15/2021	10,000.00	5.250%	1,687.50	11,687.50	-
01/15/2022	-	-	1,425.00	1,425.00	-
06/30/2022	-	-	-	-	13,112.50
07/15/2022	10,000.00	5.000%	1,425.00	11,425.00	-
01/15/2023	-	-	1,175.00	1,175.00	-
06/30/2023	-	-	-	-	12,600.00
07/15/2023	10,000.00	5.000%	1,175.00	11,175.00	-
01/15/2024	-	-	925.00	925.00	-
06/30/2024	-	-	-	-	12,100.00
07/15/2024	10,000.00	5.000%	925.00	10,925.00	-
01/15/2025	-	-	675.00	675.00	-
06/30/2025	-	-	-	-	11,600.00
07/15/2025	10,000.00	5.000%	675.00	10,675.00	-
01/15/2026	-	-	425.00	425.00	-
06/30/2026	-	-	-	-	11,100.00
07/15/2026	10,000.00	2.500%	425.00	10,425.00	-
01/15/2027	-	-	300.00	300.00	-
06/30/2027	-	-	-	-	10,725.00
07/15/2027	10,000.00	3.000%	300.00	10,300.00	-
01/15/2028	-	-	150.00	150.00	-
06/30/2028	-	-	-	-	10,450.00
07/15/2028	10,000.00	3.000%	150.00	10,150.00	-
06/30/2029	-	-	-	-	10,150.00
<b>Total</b>	<b>\$140,000.00</b>	<b>-</b>	<b>\$44,473.19</b>	<b>\$184,473.19</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,044.56
Average Life.....	7.461 Years
Average Coupon.....	4.2576184%
Net Interest Cost (NIC).....	2.4542093%
True Interest Cost (TIC).....	2.2728898%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	2.2728898%

**IRS Form 8038**

Net Interest Cost.....	2.1185830%
Weighted Average Maturity.....	7.389 Years

**Town of Marshfield, Massachusetts**  
**\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds**  
**\$85,000 South River Dredging (I) Dated July 29, 2014**  
Ch. 44, s. 7(17A), v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	2,017.36	2,017.36	-
06/30/2015	-	-	-	-	2,017.36
07/15/2015	10,000.00	5.000%	2,187.50	12,187.50	-
01/15/2016	-	-	1,937.50	1,937.50	-
06/30/2016	-	-	-	-	14,125.00
07/15/2016	10,000.00	5.000%	1,937.50	11,937.50	-
01/15/2017	-	-	1,687.50	1,687.50	-
06/30/2017	-	-	-	-	13,625.00
07/15/2017	10,000.00	5.250%	1,687.50	11,687.50	-
01/15/2018	-	-	1,425.00	1,425.00	-
06/30/2018	-	-	-	-	13,112.50
07/15/2018	10,000.00	5.250%	1,425.00	11,425.00	-
01/15/2019	-	-	1,162.50	1,162.50	-
06/30/2019	-	-	-	-	12,587.50
07/15/2019	10,000.00	5.250%	1,162.50	11,162.50	-
01/15/2020	-	-	900.00	900.00	-
06/30/2020	-	-	-	-	12,062.50
07/15/2020	10,000.00	5.250%	900.00	10,900.00	-
01/15/2021	-	-	637.50	637.50	-
06/30/2021	-	-	-	-	11,537.50
07/15/2021	10,000.00	5.250%	637.50	10,637.50	-
01/15/2022	-	-	375.00	375.00	-
06/30/2022	-	-	-	-	11,012.50
07/15/2022	10,000.00	5.000%	375.00	10,375.00	-
01/15/2023	-	-	125.00	125.00	-
06/30/2023	-	-	-	-	10,500.00
07/15/2023	5,000.00	5.000%	125.00	5,125.00	-
06/30/2024	-	-	-	-	5,125.00
<b>Total</b>	<b>\$85,000.00</b>	<b>-</b>	<b>\$20,704.86</b>	<b>\$105,704.86</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$401.69
Average Life.....	4.726 Years
Average Coupon.....	5.1543805%
Net Interest Cost (NIC).....	1.7739927%
True Interest Cost (TIC).....	1.5973029%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	1.5973029%

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Net Interest Cost.....	1.4008473%
Weighted Average Maturity.....	4.847 Years

**Town of Marshfield, Massachusetts**  
**\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds**  
**\$2,350,000 Massasoit Fire Station Construction (I) Dated July 29, 2014**  
Ch. 44, s. 7(3), v. 10/22/12, art. 10

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	46,312.85	46,312.85	-
06/30/2015	-	-	-	-	46,312.85
07/15/2015	135,000.00	5.000%	50,218.75	185,218.75	-
01/15/2016	-	-	46,843.75	46,843.75	-
06/30/2016	-	-	-	-	232,062.50
07/15/2016	135,000.00	5.000%	46,843.75	181,843.75	-
01/15/2017	-	-	43,468.75	43,468.75	-
06/30/2017	-	-	-	-	225,312.50
07/15/2017	130,000.00	5.250%	43,468.75	173,468.75	-
01/15/2018	-	-	40,056.25	40,056.25	-
06/30/2018	-	-	-	-	213,525.00
07/15/2018	130,000.00	5.250%	40,056.25	170,056.25	-
01/15/2019	-	-	36,643.75	36,643.75	-
06/30/2019	-	-	-	-	206,700.00
07/15/2019	130,000.00	5.250%	36,643.75	166,643.75	-
01/15/2020	-	-	33,231.25	33,231.25	-
06/30/2020	-	-	-	-	199,875.00
07/15/2020	130,000.00	5.250%	33,231.25	163,231.25	-
01/15/2021	-	-	29,818.75	29,818.75	-
06/30/2021	-	-	-	-	193,050.00
07/15/2021	130,000.00	5.250%	29,818.75	159,818.75	-
01/15/2022	-	-	26,406.25	26,406.25	-
06/30/2022	-	-	-	-	186,225.00
07/15/2022	130,000.00	5.000%	26,406.25	156,406.25	-
01/15/2023	-	-	23,156.25	23,156.25	-
06/30/2023	-	-	-	-	179,562.50
07/15/2023	130,000.00	5.000%	23,156.25	153,156.25	-
01/15/2024	-	-	19,906.25	19,906.25	-
06/30/2024	-	-	-	-	173,062.50
07/15/2024	130,000.00	5.000%	19,906.25	149,906.25	-
01/15/2025	-	-	16,656.25	16,656.25	-
06/30/2025	-	-	-	-	166,562.50
07/15/2025	130,000.00	5.000%	16,656.25	146,656.25	-
01/15/2026	-	-	13,406.25	13,406.25	-
06/30/2026	-	-	-	-	160,062.50
07/15/2026	130,000.00	2.500%	13,406.25	143,406.25	-
01/15/2027	-	-	11,781.25	11,781.25	-
06/30/2027	-	-	-	-	155,187.50
07/15/2027	130,000.00	3.000%	11,781.25	141,781.25	-
01/15/2028	-	-	9,831.25	9,831.25	-
06/30/2028	-	-	-	-	151,612.50
07/15/2028	130,000.00	3.000%	9,831.25	139,831.25	-
01/15/2029	-	-	7,881.25	7,881.25	-
06/30/2029	-	-	-	-	147,712.50
07/15/2029	130,000.00	3.000%	7,881.25	137,881.25	-
01/15/2030	-	-	5,931.25	5,931.25	-
06/30/2030	-	-	-	-	143,812.50
07/15/2030	130,000.00	3.000%	5,931.25	135,931.25	-
01/15/2031	-	-	3,981.25	3,981.25	-
06/30/2031	-	-	-	-	139,912.50
07/15/2031	130,000.00	3.000%	3,981.25	133,981.25	-
01/15/2032	-	-	2,031.25	2,031.25	-
06/30/2032	-	-	-	-	136,012.50
07/15/2032	130,000.00	3.125%	2,031.25	132,031.25	-
06/30/2033	-	-	-	-	132,031.25
<b>Total</b>	<b>\$2,350,000.00</b>	<b>-</b>	<b>\$838,594.10</b>	<b>\$3,188,594.10</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$22,153.61
Average Life.....	9.427 Years
Average Coupon.....	3.7853608%
Net Interest Cost (NIC).....	2.7249525%
True Interest Cost (TIC).....	2.5897833%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	2.5897833%

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Net Interest Cost.....	2.4934728%
Weighted Average Maturity.....	9.152 Years



**Town of Marshfield, Massachusetts**  
**\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds**  
**\$200,000 Road Reconstruction (I) Dated July 29, 2014**  
Ch. 44, s. 7(5), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	4,737.92	4,737.92	-
06/30/2015	-	-	-	-	4,737.92
07/15/2015	25,000.00	5.000%	5,137.50	30,137.50	-
01/15/2016	-	-	4,512.50	4,512.50	-
06/30/2016	-	-	-	-	34,650.00
07/15/2016	25,000.00	5.000%	4,512.50	29,512.50	-
01/15/2017	-	-	3,887.50	3,887.50	-
06/30/2017	-	-	-	-	33,400.00
07/15/2017	25,000.00	5.250%	3,887.50	28,887.50	-
01/15/2018	-	-	3,231.25	3,231.25	-
06/30/2018	-	-	-	-	32,118.75
07/15/2018	25,000.00	5.250%	3,231.25	28,231.25	-
01/15/2019	-	-	2,575.00	2,575.00	-
06/30/2019	-	-	-	-	30,806.25
07/15/2019	20,000.00	5.250%	2,575.00	22,575.00	-
01/15/2020	-	-	2,050.00	2,050.00	-
06/30/2020	-	-	-	-	24,625.00
07/15/2020	20,000.00	5.250%	2,050.00	22,050.00	-
01/15/2021	-	-	1,525.00	1,525.00	-
06/30/2021	-	-	-	-	23,575.00
07/15/2021	20,000.00	5.250%	1,525.00	21,525.00	-
01/15/2022	-	-	1,000.00	1,000.00	-
06/30/2022	-	-	-	-	22,525.00
07/15/2022	20,000.00	5.000%	1,000.00	21,000.00	-
01/15/2023	-	-	500.00	500.00	-
06/30/2023	-	-	-	-	21,500.00
07/15/2023	20,000.00	5.000%	500.00	20,500.00	-
06/30/2024	-	-	-	-	20,500.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$48,437.92</b>	<b>\$248,437.92</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$942.22
Average Life.....	4.711 Years
Average Coupon.....	5.1408170%
Net Interest Cost (NIC).....	1.8001666%
True Interest Cost (TIC).....	1.6199554%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	1.6199554%

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Net Interest Cost.....	1.4229000%
Weighted Average Maturity.....	4.840 Years

**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$200,000 Airport Safety Improvements/Bass Creek (O) Dated July 29, 2014  
 Ch. 44, s. 8(13), v. 10/24/11, art. 12

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	3,844.51	3,844.51	-
06/30/2015	-	-	-	-	3,844.51
07/15/2015	10,000.00	5.000%	4,168.75	14,168.75	-
01/15/2016	-	-	3,918.75	3,918.75	-
06/30/2016	-	-	-	-	18,087.50
07/15/2016	10,000.00	5.000%	3,918.75	13,918.75	-
01/15/2017	-	-	3,668.75	3,668.75	-
06/30/2017	-	-	-	-	17,587.50
07/15/2017	10,000.00	5.250%	3,668.75	13,668.75	-
01/15/2018	-	-	3,406.25	3,406.25	-
06/30/2018	-	-	-	-	17,075.00
07/15/2018	10,000.00	5.250%	3,406.25	13,406.25	-
01/15/2019	-	-	3,143.75	3,143.75	-
06/30/2019	-	-	-	-	16,550.00
07/15/2019	10,000.00	5.250%	3,143.75	13,143.75	-
01/15/2020	-	-	2,881.25	2,881.25	-
06/30/2020	-	-	-	-	16,025.00
07/15/2020	10,000.00	5.250%	2,881.25	12,881.25	-
01/15/2021	-	-	2,618.75	2,618.75	-
06/30/2021	-	-	-	-	15,500.00
07/15/2021	10,000.00	5.250%	2,618.75	12,618.75	-
01/15/2022	-	-	2,356.25	2,356.25	-
06/30/2022	-	-	-	-	14,975.00
07/15/2022	10,000.00	5.000%	2,356.25	12,356.25	-
01/15/2023	-	-	2,106.25	2,106.25	-
06/30/2023	-	-	-	-	14,462.50
07/15/2023	10,000.00	5.000%	2,106.25	12,106.25	-
01/15/2024	-	-	1,856.25	1,856.25	-
06/30/2024	-	-	-	-	13,962.50
07/15/2024	10,000.00	5.000%	1,856.25	11,856.25	-
01/15/2025	-	-	1,606.25	1,606.25	-
06/30/2025	-	-	-	-	13,462.50
07/15/2025	10,000.00	5.000%	1,606.25	11,606.25	-
01/15/2026	-	-	1,356.25	1,356.25	-
06/30/2026	-	-	-	-	12,962.50
07/15/2026	10,000.00	2.500%	1,356.25	11,356.25	-
01/15/2027	-	-	1,231.25	1,231.25	-
06/30/2027	-	-	-	-	12,587.50
07/15/2027	10,000.00	3.000%	1,231.25	11,231.25	-
01/15/2028	-	-	1,081.25	1,081.25	-
06/30/2028	-	-	-	-	12,312.50
07/15/2028	10,000.00	3.000%	1,081.25	11,081.25	-
01/15/2029	-	-	931.25	931.25	-
06/30/2029	-	-	-	-	12,012.50
07/15/2029	10,000.00	3.000%	931.25	10,931.25	-
01/15/2030	-	-	781.25	781.25	-
06/30/2030	-	-	-	-	11,712.50
07/15/2030	10,000.00	3.000%	781.25	10,781.25	-
01/15/2031	-	-	631.25	631.25	-
06/30/2031	-	-	-	-	11,412.50
07/15/2031	10,000.00	3.000%	631.25	10,631.25	-
01/15/2032	-	-	481.25	481.25	-
06/30/2032	-	-	-	-	11,112.50
07/15/2032	10,000.00	3.125%	481.25	10,481.25	-
01/15/2033	-	-	325.00	325.00	-
06/30/2033	-	-	-	-	10,806.25
07/15/2033	10,000.00	3.250%	325.00	10,325.00	-
01/15/2034	-	-	162.50	162.50	-
06/30/2034	-	-	-	-	10,487.50
07/15/2034	10,000.00	3.250%	162.50	10,162.50	-
06/30/2035	-	-	-	-	10,162.50
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$77,100.76</b>	<b>\$277,100.76</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,092.22
Average Life.....	10.461 Years
Average Coupon.....	3.6851133%
Net Interest Cost (NIC).....	2.8438595%
True Interest Cost (TIC).....	2.7229988%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	2.7229988%

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Net Interest Cost.....	2.6498619%
Weighted Average Maturity.....	10.109 Years

**Town of Marshfield, Massachusetts**  
**\$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds**  
**\$161,000 Water Meter Replacement (O) Dated July 29, 2014**  
Ch. 44, s. 8(7A), v. 4/24/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	3,815.69	3,815.69	-
06/30/2015	-	-	-	-	3,815.69
07/15/2015	21,000.00	5.000%	4,137.50	25,137.50	-
01/15/2016	-	-	3,612.50	3,612.50	-
06/30/2016	-	-	-	-	28,750.00
07/15/2016	20,000.00	5.000%	3,612.50	23,612.50	-
01/15/2017	-	-	3,112.50	3,112.50	-
06/30/2017	-	-	-	-	26,725.00
07/15/2017	20,000.00	5.250%	3,112.50	23,112.50	-
01/15/2018	-	-	2,587.50	2,587.50	-
06/30/2018	-	-	-	-	25,700.00
07/15/2018	20,000.00	5.250%	2,587.50	22,587.50	-
01/15/2019	-	-	2,062.50	2,062.50	-
06/30/2019	-	-	-	-	24,650.00
07/15/2019	20,000.00	5.250%	2,062.50	22,062.50	-
01/15/2020	-	-	1,537.50	1,537.50	-
06/30/2020	-	-	-	-	23,600.00
07/15/2020	15,000.00	5.250%	1,537.50	16,537.50	-
01/15/2021	-	-	1,143.75	1,143.75	-
06/30/2021	-	-	-	-	17,681.25
07/15/2021	15,000.00	5.250%	1,143.75	16,143.75	-
01/15/2022	-	-	750.00	750.00	-
06/30/2022	-	-	-	-	16,893.75
07/15/2022	15,000.00	5.000%	750.00	15,750.00	-
01/15/2023	-	-	375.00	375.00	-
06/30/2023	-	-	-	-	16,125.00
07/15/2023	15,000.00	5.000%	375.00	15,375.00	-
06/30/2024	-	-	-	-	15,375.00
<b>Total</b>	<b>\$161,000.00</b>	<b>-</b>	<b>\$38,315.69</b>	<b>\$199,315.69</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$744.74
Average Life.....	4.626 Years
Average Coupon.....	5.1448488%
Net Interest Cost (NIC).....	1.7743870%
True Interest Cost (TIC).....	1.5977677%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	1.5977677%

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Net Interest Cost.....	1.4013613%
Weighted Average Maturity.....	4.753 Years

**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$3,500,000 Seawall & Riprap Construction (I) Dated July 29, 2014  
 Ch. 44, s. 7(13), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	68,982.22	68,982.22	-
06/30/2015	-	-	-	-	68,982.22
07/15/2015	195,000.00	5.000%	74,800.00	269,800.00	-
01/15/2016	-	-	69,925.00	69,925.00	-
06/30/2016	-	-	-	-	339,725.00
07/15/2016	195,000.00	5.000%	69,925.00	264,925.00	-
01/15/2017	-	-	65,050.00	65,050.00	-
06/30/2017	-	-	-	-	329,975.00
07/15/2017	195,000.00	5.250%	65,050.00	260,050.00	-
01/15/2018	-	-	59,931.25	59,931.25	-
06/30/2018	-	-	-	-	319,981.25
07/15/2018	195,000.00	5.250%	59,931.25	254,931.25	-
01/15/2019	-	-	54,812.50	54,812.50	-
06/30/2019	-	-	-	-	309,743.75
07/15/2019	195,000.00	5.250%	54,812.50	249,812.50	-
01/15/2020	-	-	49,693.75	49,693.75	-
06/30/2020	-	-	-	-	299,506.25
07/15/2020	195,000.00	5.250%	49,693.75	244,693.75	-
01/15/2021	-	-	44,575.00	44,575.00	-
06/30/2021	-	-	-	-	289,268.75
07/15/2021	195,000.00	5.250%	44,575.00	239,575.00	-
01/15/2022	-	-	39,456.25	39,456.25	-
06/30/2022	-	-	-	-	279,031.25
07/15/2022	195,000.00	5.000%	39,456.25	234,456.25	-
01/15/2023	-	-	34,581.25	34,581.25	-
06/30/2023	-	-	-	-	269,037.50
07/15/2023	195,000.00	5.000%	34,581.25	229,581.25	-
01/15/2024	-	-	29,706.25	29,706.25	-
06/30/2024	-	-	-	-	259,287.50
07/15/2024	195,000.00	5.000%	29,706.25	224,706.25	-
01/15/2025	-	-	24,831.25	24,831.25	-
06/30/2025	-	-	-	-	249,537.50
07/15/2025	195,000.00	5.000%	24,831.25	219,831.25	-
01/15/2026	-	-	19,956.25	19,956.25	-
06/30/2026	-	-	-	-	239,787.50
07/15/2026	195,000.00	2.500%	19,956.25	214,956.25	-
01/15/2027	-	-	17,518.75	17,518.75	-
06/30/2027	-	-	-	-	232,475.00
07/15/2027	195,000.00	3.000%	17,518.75	212,518.75	-
01/15/2028	-	-	14,593.75	14,593.75	-
06/30/2028	-	-	-	-	227,112.50
07/15/2028	195,000.00	3.000%	14,593.75	209,593.75	-
01/15/2029	-	-	11,668.75	11,668.75	-
06/30/2029	-	-	-	-	221,262.50
07/15/2029	195,000.00	3.000%	11,668.75	206,668.75	-
01/15/2030	-	-	8,743.75	8,743.75	-
06/30/2030	-	-	-	-	215,412.50
07/15/2030	195,000.00	3.000%	8,743.75	203,743.75	-
01/15/2031	-	-	5,818.75	5,818.75	-
06/30/2031	-	-	-	-	209,562.50
07/15/2031	190,000.00	3.000%	5,818.75	195,818.75	-
01/15/2032	-	-	2,968.75	2,968.75	-
06/30/2032	-	-	-	-	198,787.50
07/15/2032	190,000.00	3.125%	2,968.75	192,968.75	-
06/30/2033	-	-	-	-	192,968.75
<b>Total</b>	<b>\$3,500,000.00</b>	<b>-</b>	<b>\$1,251,444.72</b>	<b>\$4,751,444.72</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$33,033.89
Average Life.....	9.438 Years
Average Coupon.....	3.7883663%
Net Interest Cost (NIC).....	2.7238340%
True Interest Cost (TIC).....	2.5882542%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	2.5882542%

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Net Interest Cost.....	2.4913658%
Weighted Average Maturity.....	9.163 Years

**Town of Marshfield, Massachusetts**  
 \$28,171,000 General Obligation Municipal Purpose Loan of 2014 Bonds  
 \$455,000 Water System Protection- Land Acquisition (O) Dated July 29, 2014  
 Ch. 44, s. 7(3), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2014	-	-	-	-	-
01/15/2015	-	-	8,985.90	8,985.90	-
06/30/2015	-	-	-	-	8,985.90
07/15/2015	25,000.00	5.000%	9,743.75	34,743.75	-
01/15/2016	-	-	9,118.75	9,118.75	-
06/30/2016	-	-	-	-	43,862.50
07/15/2016	25,000.00	5.000%	9,118.75	34,118.75	-
01/15/2017	-	-	8,493.75	8,493.75	-
06/30/2017	-	-	-	-	42,612.50
07/15/2017	25,000.00	5.250%	8,493.75	33,493.75	-
01/15/2018	-	-	7,837.50	7,837.50	-
06/30/2018	-	-	-	-	41,331.25
07/15/2018	25,000.00	5.250%	7,837.50	32,837.50	-
01/15/2019	-	-	7,181.25	7,181.25	-
06/30/2019	-	-	-	-	40,018.75
07/15/2019	25,000.00	5.250%	7,181.25	32,181.25	-
01/15/2020	-	-	6,525.00	6,525.00	-
06/30/2020	-	-	-	-	38,706.25
07/15/2020	25,000.00	5.250%	6,525.00	31,525.00	-
01/15/2021	-	-	5,868.75	5,868.75	-
06/30/2021	-	-	-	-	37,393.75
07/15/2021	25,000.00	5.250%	5,868.75	30,868.75	-
01/15/2022	-	-	5,212.50	5,212.50	-
06/30/2022	-	-	-	-	36,081.25
07/15/2022	25,000.00	5.000%	5,212.50	30,212.50	-
01/15/2023	-	-	4,587.50	4,587.50	-
06/30/2023	-	-	-	-	34,800.00
07/15/2023	25,000.00	5.000%	4,587.50	29,587.50	-
01/15/2024	-	-	3,962.50	3,962.50	-
06/30/2024	-	-	-	-	33,550.00
07/15/2024	25,000.00	5.000%	3,962.50	28,962.50	-
01/15/2025	-	-	3,337.50	3,337.50	-
06/30/2025	-	-	-	-	32,300.00
07/15/2025	25,000.00	5.000%	3,337.50	28,337.50	-
01/15/2026	-	-	2,712.50	2,712.50	-
06/30/2026	-	-	-	-	31,050.00
07/15/2026	20,000.00	2.500%	2,712.50	22,712.50	-
01/15/2027	-	-	2,462.50	2,462.50	-
06/30/2027	-	-	-	-	25,175.00
07/15/2027	20,000.00	3.000%	2,462.50	22,462.50	-
01/15/2028	-	-	2,162.50	2,162.50	-
06/30/2028	-	-	-	-	24,625.00
07/15/2028	20,000.00	3.000%	2,162.50	22,162.50	-
01/15/2029	-	-	1,862.50	1,862.50	-
06/30/2029	-	-	-	-	24,025.00
07/15/2029	20,000.00	3.000%	1,862.50	21,862.50	-
01/15/2030	-	-	1,562.50	1,562.50	-
06/30/2030	-	-	-	-	23,425.00
07/15/2030	20,000.00	3.000%	1,562.50	21,562.50	-
01/15/2031	-	-	1,262.50	1,262.50	-
06/30/2031	-	-	-	-	22,825.00
07/15/2031	20,000.00	3.000%	1,262.50	21,262.50	-
01/15/2032	-	-	962.50	962.50	-
06/30/2032	-	-	-	-	22,225.00
07/15/2032	20,000.00	3.125%	962.50	20,962.50	-
01/15/2033	-	-	650.00	650.00	-
06/30/2033	-	-	-	-	21,612.50
07/15/2033	20,000.00	3.250%	650.00	20,650.00	-
01/15/2034	-	-	325.00	325.00	-
06/30/2034	-	-	-	-	20,975.00
07/15/2034	20,000.00	3.250%	325.00	20,325.00	-
06/30/2035	-	-	-	-	20,325.00
<b>Total</b>	<b>\$455,000.00</b>	<b>-</b>	<b>\$170,904.65</b>	<b>\$625,904.65</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$4,512.31
Average Life.....	9.917 Years
Average Coupon.....	3.7875239%
Net Interest Cost (NIC).....	2.7955179%
True Interest Cost (TIC).....	2.6585779%
Bond Yield for Arbitrage Purposes.....	2.5758302%
All Inclusive Cost (AIC).....	2.6585779%

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Net Interest Cost.....	2.5750163%
Weighted Average Maturity.....	9.592 Years

**Town of Marshfield, Massachusetts**  
**\$200,000 MCWT Septic System Betterment Bonds Dated January 7, 2015**  
**T5-12-1132**

**Debt Service Schedule**

Date	Principal	Coupon	Total P+I	Fiscal Total
01/07/2015	-	-	-	-
01/15/2016	10,000.00	-	10,000.00	-
06/30/2016	-	-	-	10,000.00
01/15/2017	10,000.00	-	10,000.00	-
06/30/2017	-	-	-	10,000.00
01/15/2018	10,000.00	-	10,000.00	-
06/30/2018	-	-	-	10,000.00
01/15/2019	10,000.00	-	10,000.00	-
06/30/2019	-	-	-	10,000.00
01/15/2020	10,000.00	-	10,000.00	-
06/30/2020	-	-	-	10,000.00
01/15/2021	10,000.00	-	10,000.00	-
06/30/2021	-	-	-	10,000.00
01/15/2022	10,000.00	-	10,000.00	-
06/30/2022	-	-	-	10,000.00
01/15/2023	10,000.00	-	10,000.00	-
06/30/2023	-	-	-	10,000.00
01/15/2024	10,000.00	-	10,000.00	-
06/30/2024	-	-	-	10,000.00
01/15/2025	10,000.00	-	10,000.00	-
06/30/2025	-	-	-	10,000.00
01/15/2026	10,000.00	-	10,000.00	-
06/30/2026	-	-	-	10,000.00
01/15/2027	10,000.00	-	10,000.00	-
06/30/2027	-	-	-	10,000.00
01/15/2028	10,000.00	-	10,000.00	-
06/30/2028	-	-	-	10,000.00
01/15/2029	10,000.00	-	10,000.00	-
06/30/2029	-	-	-	10,000.00
01/15/2030	10,000.00	-	10,000.00	-
06/30/2030	-	-	-	10,000.00
01/15/2031	10,000.00	-	10,000.00	-
06/30/2031	-	-	-	10,000.00
01/15/2032	10,000.00	-	10,000.00	-
06/30/2032	-	-	-	10,000.00
01/15/2033	10,000.00	-	10,000.00	-
06/30/2033	-	-	-	10,000.00
01/15/2034	10,000.00	-	10,000.00	-
06/30/2034	-	-	-	10,000.00
01/15/2035	10,000.00	-	10,000.00	-
06/30/2035	-	-	-	10,000.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$200,000.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,104.44
Average Life.....	10.522 Years
Average Coupon.....	-
Net Interest Cost (NIC).....	-
True Interest Cost (TIC).....	-1.14E-10
Bond Yield for Arbitrage Purposes.....	-1.14E-10
All Inclusive Cost (AIC).....	-1.14E-10

**IRS Form 8038**

Net Interest Cost.....	-
Weighted Average Maturity.....	10.522 Years

**Town of Marshfield, Massachusetts**  
 \$991,458 Executive Office of Energy & Environmental Affairs Bonds  
 Dam Reconstruction (O)  
 Dated December 16, 2015

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/16/2015	-	-	-	-	-
06/16/2016	-	-	9,308.69	9,308.69	-
06/30/2016	-	-	-	-	9,308.69
12/16/2016	40,764.55	2.000%	9,914.58	50,679.13	-
06/16/2017	-	-	9,506.94	9,506.94	-
06/30/2017	-	-	-	-	60,186.07
12/16/2017	41,583.92	2.000%	9,506.94	51,090.86	-
06/16/2018	-	-	9,091.10	9,091.10	-
06/30/2018	-	-	-	-	60,181.96
12/16/2018	42,419.75	2.000%	9,091.10	51,510.85	-
06/16/2019	-	-	8,666.90	8,666.90	-
06/30/2019	-	-	-	-	60,177.75
12/16/2019	43,272.39	2.000%	8,666.90	51,939.29	-
06/16/2020	-	-	8,234.18	8,234.18	-
06/30/2020	-	-	-	-	60,173.47
12/16/2020	44,142.17	2.000%	8,234.18	52,376.35	-
06/16/2021	-	-	7,792.75	7,792.75	-
06/30/2021	-	-	-	-	60,169.10
12/16/2021	45,029.42	2.000%	7,792.75	52,822.17	-
06/16/2022	-	-	7,342.46	7,342.46	-
06/30/2022	-	-	-	-	60,164.63
12/16/2022	45,934.52	2.000%	7,342.46	53,276.98	-
06/16/2023	-	-	6,883.11	6,883.11	-
06/30/2023	-	-	-	-	60,160.09
12/16/2023	46,857.80	2.000%	6,883.11	53,740.91	-
06/16/2024	-	-	6,414.54	6,414.54	-
06/30/2024	-	-	-	-	60,155.45
12/16/2024	47,799.64	2.000%	6,414.54	54,214.18	-
06/16/2025	-	-	5,936.54	5,936.54	-
06/30/2025	-	-	-	-	60,150.72
12/16/2025	48,760.41	2.000%	5,936.54	54,696.95	-
06/16/2026	-	-	5,448.94	5,448.94	-
06/30/2026	-	-	-	-	60,145.89
12/16/2026	49,740.50	2.000%	5,448.94	55,189.44	-
06/16/2027	-	-	4,951.53	4,951.53	-
06/30/2027	-	-	-	-	60,140.97
12/16/2027	50,740.28	2.000%	4,951.53	55,691.81	-
06/16/2028	-	-	4,444.13	4,444.13	-
06/30/2028	-	-	-	-	60,135.94
12/16/2028	51,760.16	2.000%	4,444.13	56,204.29	-
06/16/2029	-	-	3,926.53	3,926.53	-
06/30/2029	-	-	-	-	60,130.82
12/16/2029	52,800.54	2.000%	3,926.53	56,727.07	-
06/16/2030	-	-	3,398.52	3,398.52	-
06/30/2030	-	-	-	-	60,125.59
12/16/2030	53,861.83	2.000%	3,398.52	57,260.35	-
06/16/2031	-	-	2,859.90	2,859.90	-
06/30/2031	-	-	-	-	60,120.25
12/16/2031	54,944.45	2.000%	2,859.90	57,804.35	-
06/16/2032	-	-	2,310.46	2,310.46	-
06/30/2032	-	-	-	-	60,114.81
12/16/2032	56,048.84	2.000%	2,310.46	58,359.30	-
06/16/2033	-	-	1,749.97	1,749.97	-
06/30/2033	-	-	-	-	60,109.27
12/16/2033	57,175.42	2.000%	1,749.97	58,925.39	-
06/16/2034	-	-	1,178.22	1,178.22	-
06/30/2034	-	-	-	-	60,103.61
12/16/2034	58,324.65	2.000%	1,178.22	59,502.87	-
06/16/2035	-	-	594.97	594.97	-
06/30/2035	-	-	-	-	60,097.84
12/16/2035	59,496.96	2.000%	594.97	60,091.93	-
06/30/2036	-	-	-	-	60,091.93
<b>Total</b>	<b>\$991,458.20</b>	<b>-</b>	<b>\$220,686.65</b>	<b>\$1,212,144.85</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$11,064.63
Average Life.....	11.160 Years
Average Coupon.....	2.0000002%
Net Interest Cost (NIC).....	2.0000002%
True Interest Cost (TIC).....	2.0000002%
Bond Yield for Arbitrage Purposes.....	2.0000002%
All Inclusive Cost (AIC).....	2.0000002%

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Net Interest Cost.....	2.0000002%
Weighted Average Maturity.....	11.160 Years

**Town of Marshfield, Massachusetts**  
 \$981,642 Executive Office of Energy & Environmental Affairs Bonds  
 Dam Reconstruction (O)  
 Dated December 16, 2015

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/16/2015	-	-	-	-	-
06/17/2016	40,360.94	2.000%	9,271.06	49,632.00	-
06/30/2016	-	-	-	-	49,632.00
12/17/2016	-	-	9,412.81	9,412.81	-
06/17/2017	41,172.20	2.000%	9,412.81	50,585.01	-
06/30/2017	-	-	-	-	59,997.82
12/17/2017	-	-	9,001.09	9,001.09	-
06/17/2018	41,999.76	2.000%	9,001.09	51,000.85	-
06/30/2018	-	-	-	-	60,001.94
12/17/2018	-	-	8,581.09	8,581.09	-
06/17/2019	42,843.95	2.000%	8,581.09	51,425.04	-
06/30/2019	-	-	-	-	60,006.13
12/17/2019	-	-	8,152.65	8,152.65	-
06/17/2020	43,705.11	2.000%	8,152.65	51,857.76	-
06/30/2020	-	-	-	-	60,010.41
12/17/2020	-	-	7,715.60	7,715.60	-
06/17/2021	44,583.59	2.000%	7,715.60	52,299.19	-
06/30/2021	-	-	-	-	60,014.79
12/17/2021	-	-	7,269.76	7,269.76	-
06/17/2022	45,479.72	2.000%	7,269.76	52,749.48	-
06/30/2022	-	-	-	-	60,019.24
12/17/2022	-	-	6,814.97	6,814.97	-
06/17/2023	46,393.86	2.000%	6,814.97	53,208.83	-
06/30/2023	-	-	-	-	60,023.80
12/17/2023	-	-	6,351.03	6,351.03	-
06/17/2024	47,326.38	2.000%	6,351.03	53,677.41	-
06/30/2024	-	-	-	-	60,028.44
12/17/2024	-	-	5,877.76	5,877.76	-
06/17/2025	48,277.64	2.000%	5,877.76	54,155.40	-
06/30/2025	-	-	-	-	60,033.16
12/17/2025	-	-	5,394.99	5,394.99	-
06/17/2026	49,248.02	2.000%	5,394.99	54,643.01	-
06/30/2026	-	-	-	-	60,038.00
12/17/2026	-	-	4,902.51	4,902.51	-
06/17/2027	50,237.90	2.000%	4,902.51	55,140.41	-
06/30/2027	-	-	-	-	60,042.92
12/17/2027	-	-	4,400.13	4,400.13	-
06/17/2028	51,247.68	2.000%	4,400.13	55,647.81	-
06/30/2028	-	-	-	-	60,047.94
12/17/2028	-	-	3,887.65	3,887.65	-
06/17/2029	52,277.76	2.000%	3,887.65	56,165.41	-
06/30/2029	-	-	-	-	60,053.06
12/17/2029	-	-	3,364.87	3,364.87	-
06/17/2030	53,328.55	2.000%	3,364.87	56,693.42	-
06/30/2030	-	-	-	-	60,058.29
12/17/2030	-	-	2,831.59	2,831.59	-
06/17/2031	54,400.45	2.000%	2,831.59	57,232.04	-
06/30/2031	-	-	-	-	60,063.63
12/17/2031	-	-	2,287.58	2,287.58	-
06/17/2032	55,493.90	2.000%	2,287.58	57,781.48	-
06/30/2032	-	-	-	-	60,069.06
12/17/2032	-	-	1,732.64	1,732.64	-
06/17/2033	56,609.33	2.000%	1,732.64	58,341.97	-
06/30/2033	-	-	-	-	60,074.61
12/17/2033	-	-	1,166.55	1,166.55	-
06/17/2034	57,747.17	2.000%	1,166.55	58,913.72	-
06/30/2034	-	-	-	-	60,080.27
12/17/2034	-	-	589.08	589.08	-
06/17/2035	58,907.89	2.000%	589.08	59,496.97	-
06/30/2035	-	-	-	-	60,086.05
<b>Total</b>	<b>\$981,641.80</b>	<b>-</b>	<b>\$208,739.76</b>	<b>\$1,190,381.56</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$10,466.98
Average Life.....	10.663 Years
Average Coupon.....	2.0000002%
Net Interest Cost (NIC).....	2.0000002%
True Interest Cost (TIC).....	1.9999973%
Bond Yield for Arbitrage Purposes.....	1.9999973%
All Inclusive Cost (AIC).....	1.9999973%
<b>IRS Form 8038</b>	
Net Interest Cost.....	2.0000002%
Weighted Average Maturity.....	10.663 Years



**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$771,000 Sewer Pump Station Upgrades 1 (I) Dated July 29, 2016**  
Ch. 44, s. 7(1), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	41,000.00	2.000%	27,326.79	68,326.79	-
01/15/2018	-	-	13,806.25	13,806.25	-
06/30/2018	-	-	-	-	82,133.04
07/15/2018	40,000.00	4.000%	13,806.25	53,806.25	-
01/15/2019	-	-	13,006.25	13,006.25	-
06/30/2019	-	-	-	-	66,812.50
07/15/2019	40,000.00	5.000%	13,006.25	53,006.25	-
01/15/2020	-	-	12,006.25	12,006.25	-
06/30/2020	-	-	-	-	65,012.50
07/15/2020	40,000.00	5.000%	12,006.25	52,006.25	-
01/15/2021	-	-	11,006.25	11,006.25	-
06/30/2021	-	-	-	-	63,012.50
07/15/2021	40,000.00	5.000%	11,006.25	51,006.25	-
01/15/2022	-	-	10,006.25	10,006.25	-
06/30/2022	-	-	-	-	61,012.50
07/15/2022	40,000.00	5.000%	10,006.25	50,006.25	-
01/15/2023	-	-	9,006.25	9,006.25	-
06/30/2023	-	-	-	-	59,012.50
07/15/2023	40,000.00	5.000%	9,006.25	49,006.25	-
01/15/2024	-	-	8,006.25	8,006.25	-
06/30/2024	-	-	-	-	57,012.50
07/15/2024	40,000.00	5.000%	8,006.25	48,006.25	-
01/15/2025	-	-	7,006.25	7,006.25	-
06/30/2025	-	-	-	-	55,012.50
07/15/2025	40,000.00	5.000%	7,006.25	47,006.25	-
01/15/2026	-	-	6,006.25	6,006.25	-
06/30/2026	-	-	-	-	53,012.50
07/15/2026	40,000.00	5.000%	6,006.25	46,006.25	-
01/15/2027	-	-	5,006.25	5,006.25	-
06/30/2027	-	-	-	-	51,012.50
07/15/2027	40,000.00	4.000%	5,006.25	45,006.25	-
01/15/2028	-	-	4,206.25	4,206.25	-
06/30/2028	-	-	-	-	49,212.50
07/15/2028	40,000.00	3.000%	4,206.25	44,206.25	-
01/15/2029	-	-	3,606.25	3,606.25	-
06/30/2029	-	-	-	-	47,812.50
07/15/2029	40,000.00	3.000%	3,606.25	43,606.25	-
01/15/2030	-	-	3,006.25	3,006.25	-
06/30/2030	-	-	-	-	46,612.50
07/15/2030	40,000.00	3.000%	3,006.25	43,006.25	-
01/15/2031	-	-	2,406.25	2,406.25	-
06/30/2031	-	-	-	-	45,412.50
07/15/2031	35,000.00	2.000%	2,406.25	37,406.25	-
01/15/2032	-	-	2,056.25	2,056.25	-
06/30/2032	-	-	-	-	39,462.50
07/15/2032	35,000.00	2.125%	2,056.25	37,056.25	-
01/15/2033	-	-	1,684.38	1,684.38	-
06/30/2033	-	-	-	-	38,740.63
07/15/2033	35,000.00	2.250%	1,684.38	36,684.38	-
01/15/2034	-	-	1,290.63	1,290.63	-
06/30/2034	-	-	-	-	37,975.01
07/15/2034	35,000.00	2.375%	1,290.63	36,290.63	-
01/15/2035	-	-	875.00	875.00	-
06/30/2035	-	-	-	-	37,165.63
07/15/2035	35,000.00	2.500%	875.00	35,875.00	-
01/15/2036	-	-	437.50	437.50	-
06/30/2036	-	-	-	-	36,312.50
07/15/2036	35,000.00	2.500%	437.50	35,437.50	-
06/30/2037	-	-	-	-	35,437.50
<b>Total</b>	<b>\$771,000.00</b>	<b>-</b>	<b>\$256,189.31</b>	<b>\$1,027,189.31</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$7,846.02
Average Life.....	10.176 Years
Average Coupon.....	3.2652150%
Net Interest Cost (NIC).....	2.0865106%
True Interest Cost (TIC).....	1.9633328%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9633328%
<b>IRS Form 8038</b>	
Net Interest Cost.....	1.9180105%
Weighted Average Maturity.....	9.885 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$750,000 Sewer Pump Station Upgrades 2 (I) Dated July 29, 2016**  
Ch. 44, s. 7(1), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	40,000.00	2.00%	26,682.85	66,682.85	-
01/15/2018	-	-	13,481.25	13,481.25	-
06/30/2018	-	-	-	-	80,164.10
07/15/2018	40,000.00	4.00%	13,481.25	53,481.25	-
01/15/2019	-	-	12,681.25	12,681.25	-
06/30/2019	-	-	-	-	66,162.50
07/15/2019	40,000.00	5.00%	12,681.25	52,681.25	-
01/15/2020	-	-	11,681.25	11,681.25	-
06/30/2020	-	-	-	-	64,362.50
07/15/2020	40,000.00	5.00%	11,681.25	51,681.25	-
01/15/2021	-	-	10,681.25	10,681.25	-
06/30/2021	-	-	-	-	62,362.50
07/15/2021	40,000.00	5.00%	10,681.25	50,681.25	-
01/15/2022	-	-	9,681.25	9,681.25	-
06/30/2022	-	-	-	-	60,362.50
07/15/2022	40,000.00	5.00%	9,681.25	49,681.25	-
01/15/2023	-	-	8,681.25	8,681.25	-
06/30/2023	-	-	-	-	58,362.50
07/15/2023	40,000.00	5.00%	8,681.25	48,681.25	-
01/15/2024	-	-	7,681.25	7,681.25	-
06/30/2024	-	-	-	-	56,362.50
07/15/2024	40,000.00	5.00%	7,681.25	47,681.25	-
01/15/2025	-	-	6,681.25	6,681.25	-
06/30/2025	-	-	-	-	54,362.50
07/15/2025	40,000.00	5.00%	6,681.25	46,681.25	-
01/15/2026	-	-	5,681.25	5,681.25	-
06/30/2026	-	-	-	-	52,362.50
07/15/2026	40,000.00	5.00%	5,681.25	45,681.25	-
01/15/2027	-	-	4,681.25	4,681.25	-
06/30/2027	-	-	-	-	50,362.50
07/15/2027	35,000.00	4.00%	4,681.25	39,681.25	-
01/15/2028	-	-	3,981.25	3,981.25	-
06/30/2028	-	-	-	-	43,662.50
07/15/2028	35,000.00	3.00%	3,981.25	38,981.25	-
01/15/2029	-	-	3,456.25	3,456.25	-
06/30/2029	-	-	-	-	42,437.50
07/15/2029	35,000.00	3.00%	3,456.25	38,456.25	-
01/15/2030	-	-	2,931.25	2,931.25	-
06/30/2030	-	-	-	-	41,387.50
07/15/2030	35,000.00	3.00%	2,931.25	37,931.25	-
01/15/2031	-	-	2,406.25	2,406.25	-
06/30/2031	-	-	-	-	40,337.50
07/15/2031	35,000.00	2.00%	2,406.25	37,406.25	-
01/15/2032	-	-	2,056.25	2,056.25	-
06/30/2032	-	-	-	-	39,462.50
07/15/2032	35,000.00	2.125%	2,056.25	37,056.25	-
01/15/2033	-	-	1,684.38	1,684.38	-
06/30/2033	-	-	-	-	38,740.63
07/15/2033	35,000.00	2.250%	1,684.38	36,684.38	-
01/15/2034	-	-	1,290.63	1,290.63	-
06/30/2034	-	-	-	-	37,975.01
07/15/2034	35,000.00	2.375%	1,290.63	36,290.63	-
01/15/2035	-	-	875.00	875.00	-
06/30/2035	-	-	-	-	37,165.63
07/15/2035	35,000.00	2.500%	875.00	35,875.00	-
01/15/2036	-	-	437.50	437.50	-
06/30/2036	-	-	-	-	36,312.50
07/15/2036	35,000.00	2.500%	437.50	35,437.50	-
06/30/2037	-	-	-	-	35,437.50
<b>Total</b>	<b>\$750,000.00</b>	<b>-</b>	<b>\$248,145.37</b>	<b>\$998,145.37</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$7,595.83
Average Life.....	10.128 Years
Average Coupon.....	3.2668617%
Net Interest Cost (NIC).....	2.0830647%
True Interest Cost (TIC).....	1.9604263%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9604263%

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Net Interest Cost.....	1.9168737%
Weighted Average Maturity.....	9.828 Years

**Town of Marshfield, Massachusetts**  
 \$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds  
 \$385,700 Fuel Depot Construction (I) Dated July 29, 2016  
 Ch. 44, s. 7(3), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	25,700.00	2.000%	13,631.20	39,331.20	-
01/15/2018	-	-	6,834.38	6,834.38	-
06/30/2018	-	-	-	-	46,165.58
07/15/2018	20,000.00	4.000%	6,834.38	26,834.38	-
01/15/2019	-	-	6,434.38	6,434.38	-
06/30/2019	-	-	-	-	33,268.76
07/15/2019	20,000.00	5.000%	6,434.38	26,434.38	-
01/15/2020	-	-	5,934.38	5,934.38	-
06/30/2020	-	-	-	-	32,368.76
07/15/2020	20,000.00	5.000%	5,934.38	25,934.38	-
01/15/2021	-	-	5,434.38	5,434.38	-
06/30/2021	-	-	-	-	31,368.76
07/15/2021	20,000.00	5.000%	5,434.38	25,434.38	-
01/15/2022	-	-	4,934.38	4,934.38	-
06/30/2022	-	-	-	-	30,368.76
07/15/2022	20,000.00	5.000%	4,934.38	24,934.38	-
01/15/2023	-	-	4,434.38	4,434.38	-
06/30/2023	-	-	-	-	29,368.76
07/15/2023	20,000.00	5.000%	4,434.38	24,434.38	-
01/15/2024	-	-	3,934.38	3,934.38	-
06/30/2024	-	-	-	-	28,368.76
07/15/2024	20,000.00	5.000%	3,934.38	23,934.38	-
01/15/2025	-	-	3,434.38	3,434.38	-
06/30/2025	-	-	-	-	27,368.76
07/15/2025	20,000.00	5.000%	3,434.38	23,434.38	-
01/15/2026	-	-	2,934.38	2,934.38	-
06/30/2026	-	-	-	-	26,368.76
07/15/2026	20,000.00	5.000%	2,934.38	22,934.38	-
01/15/2027	-	-	2,434.38	2,434.38	-
06/30/2027	-	-	-	-	25,368.76
07/15/2027	20,000.00	4.000%	2,434.38	22,434.38	-
01/15/2028	-	-	2,034.38	2,034.38	-
06/30/2028	-	-	-	-	24,468.76
07/15/2028	20,000.00	3.000%	2,034.38	22,034.38	-
01/15/2029	-	-	1,734.38	1,734.38	-
06/30/2029	-	-	-	-	23,768.76
07/15/2029	20,000.00	3.000%	1,734.38	21,734.38	-
01/15/2030	-	-	1,434.38	1,434.38	-
06/30/2030	-	-	-	-	23,168.76
07/15/2030	20,000.00	3.000%	1,434.38	21,434.38	-
01/15/2031	-	-	1,134.38	1,134.38	-
06/30/2031	-	-	-	-	22,568.76
07/15/2031	20,000.00	2.000%	1,134.38	21,134.38	-
01/15/2032	-	-	934.38	934.38	-
06/30/2032	-	-	-	-	22,068.76
07/15/2032	20,000.00	2.125%	934.38	20,934.38	-
01/15/2033	-	-	721.88	721.88	-
06/30/2033	-	-	-	-	21,656.26
07/15/2033	15,000.00	2.250%	721.88	15,721.88	-
01/15/2034	-	-	553.13	553.13	-
06/30/2034	-	-	-	-	16,275.01
07/15/2034	15,000.00	2.375%	553.13	15,553.13	-
01/15/2035	-	-	375.00	375.00	-
06/30/2035	-	-	-	-	15,928.13
07/15/2035	15,000.00	2.500%	375.00	15,375.00	-
01/15/2036	-	-	187.50	187.50	-
06/30/2036	-	-	-	-	15,562.50
07/15/2036	15,000.00	2.500%	187.50	15,187.50	-
06/30/2037	-	-	-	-	15,187.50
<b>Total</b>	<b>\$385,700.00</b>	<b>-</b>	<b>\$125,337.62</b>	<b>\$511,037.62</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,820.70
Average Life.....	9.906 Years
Average Coupon.....	3.2804879%
Net Interest Cost (NIC).....	2.0660701%
True Interest Cost (TIC).....	1.9415721%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9415721%

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Net Interest Cost.....	1.8941729%
Weighted Average Maturity.....	9.645 Years

**Town of Marshfield, Massachusetts**  
 \$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds  
 \$1,150,000 Massasoit Fire Station Construction (I) Dated July 29, 2016  
 Ch. 44, s. 7(3), v. 10/22/12, art. 10

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	60,000.00	2.000%	40,667.01	100,667.01	-
01/15/2018	-	-	20,556.25	20,556.25	-
06/30/2018	-	-	-	-	121,223.26
07/15/2018	60,000.00	4.000%	20,556.25	80,556.25	-
01/15/2019	-	-	19,356.25	19,356.25	-
06/30/2019	-	-	-	-	99,912.50
07/15/2019	60,000.00	5.000%	19,356.25	79,356.25	-
01/15/2020	-	-	17,856.25	17,856.25	-
06/30/2020	-	-	-	-	97,212.50
07/15/2020	60,000.00	5.000%	17,856.25	77,856.25	-
01/15/2021	-	-	16,356.25	16,356.25	-
06/30/2021	-	-	-	-	94,212.50
07/15/2021	60,000.00	5.000%	16,356.25	76,356.25	-
01/15/2022	-	-	14,856.25	14,856.25	-
06/30/2022	-	-	-	-	91,212.50
07/15/2022	60,000.00	5.000%	14,856.25	74,856.25	-
01/15/2023	-	-	13,356.25	13,356.25	-
06/30/2023	-	-	-	-	88,212.50
07/15/2023	60,000.00	5.000%	13,356.25	73,356.25	-
01/15/2024	-	-	11,856.25	11,856.25	-
06/30/2024	-	-	-	-	85,212.50
07/15/2024	60,000.00	5.000%	11,856.25	71,856.25	-
01/15/2025	-	-	10,356.25	10,356.25	-
06/30/2025	-	-	-	-	82,212.50
07/15/2025	60,000.00	5.000%	10,356.25	70,356.25	-
01/15/2026	-	-	8,856.25	8,856.25	-
06/30/2026	-	-	-	-	79,212.50
07/15/2026	60,000.00	5.000%	8,856.25	68,856.25	-
01/15/2027	-	-	7,356.25	7,356.25	-
06/30/2027	-	-	-	-	76,212.50
07/15/2027	55,000.00	4.000%	7,356.25	62,356.25	-
01/15/2028	-	-	6,256.25	6,256.25	-
06/30/2028	-	-	-	-	68,612.50
07/15/2028	55,000.00	3.000%	6,256.25	61,256.25	-
01/15/2029	-	-	5,431.25	5,431.25	-
06/30/2029	-	-	-	-	66,687.50
07/15/2029	55,000.00	3.000%	5,431.25	60,431.25	-
01/15/2030	-	-	4,606.25	4,606.25	-
06/30/2030	-	-	-	-	65,037.50
07/15/2030	55,000.00	3.000%	4,606.25	59,606.25	-
01/15/2031	-	-	3,781.25	3,781.25	-
06/30/2031	-	-	-	-	63,387.50
07/15/2031	55,000.00	2.000%	3,781.25	58,781.25	-
01/15/2032	-	-	3,231.25	3,231.25	-
06/30/2032	-	-	-	-	62,012.50
07/15/2032	55,000.00	2.125%	3,231.25	58,231.25	-
01/15/2033	-	-	2,646.88	2,646.88	-
06/30/2033	-	-	-	-	60,878.13
07/15/2033	55,000.00	2.250%	2,646.88	57,646.88	-
01/15/2034	-	-	2,028.13	2,028.13	-
06/30/2034	-	-	-	-	59,675.01
07/15/2034	55,000.00	2.375%	2,028.13	57,028.13	-
01/15/2035	-	-	1,375.00	1,375.00	-
06/30/2035	-	-	-	-	58,403.13
07/15/2035	55,000.00	2.500%	1,375.00	56,375.00	-
01/15/2036	-	-	687.50	687.50	-
06/30/2036	-	-	-	-	57,062.50
07/15/2036	55,000.00	2.500%	687.50	55,687.50	-
06/30/2037	-	-	-	-	55,687.50
<b>Total</b>	<b>\$1,150,000.00</b>	<b>-</b>	<b>\$382,279.53</b>	<b>\$1,532,279.53</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$11,780.28
Average Life.....	10.244 Years
Average Coupon.....	3.2450808%
Net Interest Cost (NIC).....	2.0924063%
True Interest Cost (TIC).....	1.9717170%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9717170%

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Net Interest Cost.....	1.9291548%
Weighted Average Maturity.....	9.937 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$325,000 Harbormaster Building Construction (I) Dated July 29, 2016**  
**Ch. 44, s. 7(3), v. 4/26/11, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	20,000.00	2.000%	11,497.29	31,497.29	-
01/15/2018	-	-	5,781.25	5,781.25	-
06/30/2018	-	-	-	-	37,278.54
07/15/2018	20,000.00	4.000%	5,781.25	25,781.25	-
01/15/2019	-	-	5,381.25	5,381.25	-
06/30/2019	-	-	-	-	31,162.50
07/15/2019	20,000.00	5.000%	5,381.25	25,381.25	-
01/15/2020	-	-	4,881.25	4,881.25	-
06/30/2020	-	-	-	-	30,262.50
07/15/2020	20,000.00	5.000%	4,881.25	24,881.25	-
01/15/2021	-	-	4,381.25	4,381.25	-
06/30/2021	-	-	-	-	29,262.50
07/15/2021	20,000.00	5.000%	4,381.25	24,381.25	-
01/15/2022	-	-	3,881.25	3,881.25	-
06/30/2022	-	-	-	-	28,262.50
07/15/2022	15,000.00	5.000%	3,881.25	18,881.25	-
01/15/2023	-	-	3,506.25	3,506.25	-
06/30/2023	-	-	-	-	22,387.50
07/15/2023	15,000.00	5.000%	3,506.25	18,506.25	-
01/15/2024	-	-	3,131.25	3,131.25	-
06/30/2024	-	-	-	-	21,637.50
07/15/2024	15,000.00	5.000%	3,131.25	18,131.25	-
01/15/2025	-	-	2,756.25	2,756.25	-
06/30/2025	-	-	-	-	20,887.50
07/15/2025	15,000.00	5.000%	2,756.25	17,756.25	-
01/15/2026	-	-	2,381.25	2,381.25	-
06/30/2026	-	-	-	-	20,137.50
07/15/2026	15,000.00	5.000%	2,381.25	17,381.25	-
01/15/2027	-	-	2,006.25	2,006.25	-
06/30/2027	-	-	-	-	19,387.50
07/15/2027	15,000.00	4.000%	2,006.25	17,006.25	-
01/15/2028	-	-	1,706.25	1,706.25	-
06/30/2028	-	-	-	-	18,712.50
07/15/2028	15,000.00	3.000%	1,706.25	16,706.25	-
01/15/2029	-	-	1,481.25	1,481.25	-
06/30/2029	-	-	-	-	18,187.50
07/15/2029	15,000.00	3.000%	1,481.25	16,481.25	-
01/15/2030	-	-	1,256.25	1,256.25	-
06/30/2030	-	-	-	-	17,737.50
07/15/2030	15,000.00	3.000%	1,256.25	16,256.25	-
01/15/2031	-	-	1,031.25	1,031.25	-
06/30/2031	-	-	-	-	17,287.50
07/15/2031	15,000.00	2.000%	1,031.25	16,031.25	-
01/15/2032	-	-	881.25	881.25	-
06/30/2032	-	-	-	-	16,912.50
07/15/2032	15,000.00	2.125%	881.25	15,881.25	-
01/15/2033	-	-	721.88	721.88	-
06/30/2033	-	-	-	-	16,603.13
07/15/2033	15,000.00	2.250%	721.88	15,721.88	-
01/15/2034	-	-	553.13	553.13	-
06/30/2034	-	-	-	-	16,275.01
07/15/2034	15,000.00	2.375%	553.13	15,553.13	-
01/15/2035	-	-	375.00	375.00	-
06/30/2035	-	-	-	-	15,928.13
07/15/2035	15,000.00	2.500%	375.00	15,375.00	-
01/15/2036	-	-	187.50	187.50	-
06/30/2036	-	-	-	-	15,562.50
07/15/2036	15,000.00	2.500%	187.50	15,187.50	-
06/30/2037	-	-	-	-	15,187.50
<b>Total</b>	<b>\$325,000.00</b>	<b>-</b>	<b>\$104,059.81</b>	<b>\$429,059.81</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,212.36
Average Life.....	9.884 Years
Average Coupon.....	3.2393559%
Net Interest Cost (NIC).....	2.0819362%
True Interest Cost (TIC).....	1.9628012%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9628012%

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Net Interest Cost.....	1.9236888%
Weighted Average Maturity.....	9.599 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$250,000 Library Plaza Renovations (I) Dated July 29, 2016**  
**Ch. 44, s. 7(3), v. 4/28/14, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	15,000.00	2.000%	9,202.64	24,202.64	-
01/15/2018	-	-	4,637.50	4,637.50	-
06/30/2018	-	-	-	-	28,840.14
07/15/2018	15,000.00	4.000%	4,637.50	19,637.50	-
01/15/2019	-	-	4,337.50	4,337.50	-
06/30/2019	-	-	-	-	23,975.00
07/15/2019	15,000.00	5.000%	4,337.50	19,337.50	-
01/15/2020	-	-	3,962.50	3,962.50	-
06/30/2020	-	-	-	-	23,300.00
07/15/2020	15,000.00	5.000%	3,962.50	18,962.50	-
01/15/2021	-	-	3,587.50	3,587.50	-
06/30/2021	-	-	-	-	22,550.00
07/15/2021	15,000.00	5.000%	3,587.50	18,587.50	-
01/15/2022	-	-	3,212.50	3,212.50	-
06/30/2022	-	-	-	-	21,800.00
07/15/2022	15,000.00	5.000%	3,212.50	18,212.50	-
01/15/2023	-	-	2,837.50	2,837.50	-
06/30/2023	-	-	-	-	21,050.00
07/15/2023	15,000.00	5.000%	2,837.50	17,837.50	-
01/15/2024	-	-	2,462.50	2,462.50	-
06/30/2024	-	-	-	-	20,300.00
07/15/2024	15,000.00	5.000%	2,462.50	17,462.50	-
01/15/2025	-	-	2,087.50	2,087.50	-
06/30/2025	-	-	-	-	19,550.00
07/15/2025	15,000.00	5.000%	2,087.50	17,087.50	-
01/15/2026	-	-	1,712.50	1,712.50	-
06/30/2026	-	-	-	-	18,800.00
07/15/2026	15,000.00	5.000%	1,712.50	16,712.50	-
01/15/2027	-	-	1,337.50	1,337.50	-
06/30/2027	-	-	-	-	18,050.00
07/15/2027	10,000.00	4.000%	1,337.50	11,337.50	-
01/15/2028	-	-	1,137.50	1,137.50	-
06/30/2028	-	-	-	-	12,475.00
07/15/2028	10,000.00	3.000%	1,137.50	11,137.50	-
01/15/2029	-	-	987.50	987.50	-
06/30/2029	-	-	-	-	12,125.00
07/15/2029	10,000.00	3.000%	987.50	10,987.50	-
01/15/2030	-	-	837.50	837.50	-
06/30/2030	-	-	-	-	11,825.00
07/15/2030	10,000.00	3.000%	837.50	10,837.50	-
01/15/2031	-	-	687.50	687.50	-
06/30/2031	-	-	-	-	11,525.00
07/15/2031	10,000.00	2.000%	687.50	10,687.50	-
01/15/2032	-	-	587.50	587.50	-
06/30/2032	-	-	-	-	11,275.00
07/15/2032	10,000.00	2.125%	587.50	10,587.50	-
01/15/2033	-	-	481.25	481.25	-
06/30/2033	-	-	-	-	11,068.75
07/15/2033	10,000.00	2.250%	481.25	10,481.25	-
01/15/2034	-	-	368.75	368.75	-
06/30/2034	-	-	-	-	10,850.00
07/15/2034	10,000.00	2.375%	368.75	10,368.75	-
01/15/2035	-	-	250.00	250.00	-
06/30/2035	-	-	-	-	10,618.75
07/15/2035	10,000.00	2.500%	250.00	10,250.00	-
01/15/2036	-	-	125.00	125.00	-
06/30/2036	-	-	-	-	10,375.00
07/15/2036	10,000.00	2.500%	125.00	10,125.00	-
06/30/2037	-	-	-	-	10,125.00
<b>Total</b>	<b>\$250,000.00</b>	<b>-</b>	<b>\$80,477.64</b>	<b>\$330,477.64</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,365.28
Average Life.....	9.461 Years
Average Coupon.....	3.4024604%
Net Interest Cost (NIC).....	2.0249055%
True Interest Cost (TIC).....	1.8911768%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.8911768%

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Net Interest Cost.....	1.8414578%
Weighted Average Maturity.....	9.204 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$75,000 School Auditorium Repairs (I) Dated July 29, 2016**  
**Ch. 44, s. 7(3A), v. 4/28/14, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	5,000.00	2.000%	2,931.39	7,931.39	-
01/15/2018	-	-	1,475.00	1,475.00	-
06/30/2018	-	-	-	-	9,406.39
07/15/2018	5,000.00	4.000%	1,475.00	6,475.00	-
01/15/2019	-	-	1,375.00	1,375.00	-
06/30/2019	-	-	-	-	7,850.00
07/15/2019	5,000.00	5.000%	1,375.00	6,375.00	-
01/15/2020	-	-	1,250.00	1,250.00	-
06/30/2020	-	-	-	-	7,625.00
07/15/2020	5,000.00	5.000%	1,250.00	6,250.00	-
01/15/2021	-	-	1,125.00	1,125.00	-
06/30/2021	-	-	-	-	7,375.00
07/15/2021	5,000.00	5.000%	1,125.00	6,125.00	-
01/15/2022	-	-	1,000.00	1,000.00	-
06/30/2022	-	-	-	-	7,125.00
07/15/2022	5,000.00	5.000%	1,000.00	6,000.00	-
01/15/2023	-	-	875.00	875.00	-
06/30/2023	-	-	-	-	6,875.00
07/15/2023	5,000.00	5.000%	875.00	5,875.00	-
01/15/2024	-	-	750.00	750.00	-
06/30/2024	-	-	-	-	6,625.00
07/15/2024	5,000.00	5.000%	750.00	5,750.00	-
01/15/2025	-	-	625.00	625.00	-
06/30/2025	-	-	-	-	6,375.00
07/15/2025	5,000.00	5.000%	625.00	5,625.00	-
01/15/2026	-	-	500.00	500.00	-
06/30/2026	-	-	-	-	6,125.00
07/15/2026	5,000.00	5.000%	500.00	5,500.00	-
01/15/2027	-	-	375.00	375.00	-
06/30/2027	-	-	-	-	5,875.00
07/15/2027	5,000.00	4.000%	375.00	5,375.00	-
01/15/2028	-	-	275.00	275.00	-
06/30/2028	-	-	-	-	5,650.00
07/15/2028	5,000.00	3.000%	275.00	5,275.00	-
01/15/2029	-	-	200.00	200.00	-
06/30/2029	-	-	-	-	5,475.00
07/15/2029	5,000.00	3.000%	200.00	5,200.00	-
01/15/2030	-	-	125.00	125.00	-
06/30/2030	-	-	-	-	5,325.00
07/15/2030	5,000.00	3.000%	125.00	5,125.00	-
01/15/2031	-	-	50.00	50.00	-
06/30/2031	-	-	-	-	5,175.00
07/15/2031	5,000.00	2.000%	50.00	5,050.00	-
06/30/2032	-	-	-	-	5,050.00
<b>Total</b>	<b>\$75,000.00</b>	<b>-</b>	<b>\$22,931.39</b>	<b>\$97,931.39</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$597.08
Average Life.....	7.961 Years
Average Coupon.....	3.8405678%
Net Interest Cost (NIC).....	1.8190325%
True Interest Cost (TIC).....	1.6580023%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.6580023%

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Net Interest Cost.....	1.5686955%
Weighted Average Maturity.....	7.952 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$615,700 Dribek Way Bridge Repairs (I) Dated July 29, 2016**  
**Ch. 44, s. 7(4), v. 4/22/13, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	35,700.00	2.00%	21,518.32	57,218.32	-
01/15/2018	-	-	10,837.50	10,837.50	-
06/30/2018	-	-	-	-	68,055.82
07/15/2018	35,000.00	4.00%	10,837.50	45,837.50	-
01/15/2019	-	-	10,137.50	10,137.50	-
06/30/2019	-	-	-	-	55,975.00
07/15/2019	35,000.00	5.00%	10,137.50	45,137.50	-
01/15/2020	-	-	9,262.50	9,262.50	-
06/30/2020	-	-	-	-	54,400.00
07/15/2020	30,000.00	5.00%	9,262.50	39,262.50	-
01/15/2021	-	-	8,512.50	8,512.50	-
06/30/2021	-	-	-	-	47,775.00
07/15/2021	30,000.00	5.00%	8,512.50	38,512.50	-
01/15/2022	-	-	7,762.50	7,762.50	-
06/30/2022	-	-	-	-	46,275.00
07/15/2022	30,000.00	5.00%	7,762.50	37,762.50	-
01/15/2023	-	-	7,012.50	7,012.50	-
06/30/2023	-	-	-	-	44,775.00
07/15/2023	30,000.00	5.00%	7,012.50	37,012.50	-
01/15/2024	-	-	6,262.50	6,262.50	-
06/30/2024	-	-	-	-	43,275.00
07/15/2024	30,000.00	5.00%	6,262.50	36,262.50	-
01/15/2025	-	-	5,512.50	5,512.50	-
06/30/2025	-	-	-	-	41,775.00
07/15/2025	30,000.00	5.00%	5,512.50	35,512.50	-
01/15/2026	-	-	4,762.50	4,762.50	-
06/30/2026	-	-	-	-	40,275.00
07/15/2026	30,000.00	5.00%	4,762.50	34,762.50	-
01/15/2027	-	-	4,012.50	4,012.50	-
06/30/2027	-	-	-	-	38,775.00
07/15/2027	30,000.00	4.00%	4,012.50	34,012.50	-
01/15/2028	-	-	3,412.50	3,412.50	-
06/30/2028	-	-	-	-	37,425.00
07/15/2028	30,000.00	3.00%	3,412.50	33,412.50	-
01/15/2029	-	-	2,962.50	2,962.50	-
06/30/2029	-	-	-	-	36,375.00
07/15/2029	30,000.00	3.00%	2,962.50	32,962.50	-
01/15/2030	-	-	2,512.50	2,512.50	-
06/30/2030	-	-	-	-	35,475.00
07/15/2030	30,000.00	3.00%	2,512.50	32,512.50	-
01/15/2031	-	-	2,062.50	2,062.50	-
06/30/2031	-	-	-	-	34,575.00
07/15/2031	30,000.00	2.00%	2,062.50	32,062.50	-
01/15/2032	-	-	1,762.50	1,762.50	-
06/30/2032	-	-	-	-	33,825.00
07/15/2032	30,000.00	2.125%	1,762.50	31,762.50	-
01/15/2033	-	-	1,443.75	1,443.75	-
06/30/2033	-	-	-	-	33,206.25
07/15/2033	30,000.00	2.250%	1,443.75	31,443.75	-
01/15/2034	-	-	1,106.25	1,106.25	-
06/30/2034	-	-	-	-	32,550.00
07/15/2034	30,000.00	2.375%	1,106.25	31,106.25	-
01/15/2035	-	-	750.00	750.00	-
06/30/2035	-	-	-	-	31,856.25
07/15/2035	30,000.00	2.500%	750.00	30,750.00	-
01/15/2036	-	-	375.00	375.00	-
06/30/2036	-	-	-	-	31,125.00
07/15/2036	30,000.00	2.500%	375.00	30,375.00	-
06/30/2037	-	-	-	-	30,375.00
<b>Total</b>	<b>\$615,700.00</b>	<b>-</b>	<b>\$202,443.32</b>	<b>\$818,143.32</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$6,306.76
Average Life.....	10.243 Years
Average Coupon.....	3.2099437%
Net Interest Cost (NIC).....	2.1028180%
True Interest Cost (TIC).....	1.9855055%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9855055%
<b>IRS Form 8038</b>	
Net Interest Cost.....	1.9454802%
Weighted Average Maturity.....	9.944 Years



**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$200,000 Roads (I) Dated July 29, 2016**  
**Ch. 44, s. 7(5), v. 4/22/14, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	20,000.00	2.000%	8,169.44	28,169.44	-
01/15/2018	-	-	4,050.00	4,050.00	-
06/30/2018	-	-	-	-	32,219.44
07/15/2018	15,000.00	4.000%	4,050.00	19,050.00	-
01/15/2019	-	-	3,750.00	3,750.00	-
06/30/2019	-	-	-	-	22,800.00
07/15/2019	15,000.00	5.000%	3,750.00	18,750.00	-
01/15/2020	-	-	3,375.00	3,375.00	-
06/30/2020	-	-	-	-	22,125.00
07/15/2020	15,000.00	5.000%	3,375.00	18,375.00	-
01/15/2021	-	-	3,000.00	3,000.00	-
06/30/2021	-	-	-	-	21,375.00
07/15/2021	15,000.00	5.000%	3,000.00	18,000.00	-
01/15/2022	-	-	2,625.00	2,625.00	-
06/30/2022	-	-	-	-	20,625.00
07/15/2022	15,000.00	5.000%	2,625.00	17,625.00	-
01/15/2023	-	-	2,250.00	2,250.00	-
06/30/2023	-	-	-	-	19,875.00
07/15/2023	15,000.00	5.000%	2,250.00	17,250.00	-
01/15/2024	-	-	1,875.00	1,875.00	-
06/30/2024	-	-	-	-	19,125.00
07/15/2024	15,000.00	5.000%	1,875.00	16,875.00	-
01/15/2025	-	-	1,500.00	1,500.00	-
06/30/2025	-	-	-	-	18,375.00
07/15/2025	15,000.00	5.000%	1,500.00	16,500.00	-
01/15/2026	-	-	1,125.00	1,125.00	-
06/30/2026	-	-	-	-	17,625.00
07/15/2026	15,000.00	5.000%	1,125.00	16,125.00	-
01/15/2027	-	-	750.00	750.00	-
06/30/2027	-	-	-	-	16,875.00
07/15/2027	15,000.00	4.000%	750.00	15,750.00	-
01/15/2028	-	-	450.00	450.00	-
06/30/2028	-	-	-	-	16,200.00
07/15/2028	15,000.00	3.000%	450.00	15,450.00	-
01/15/2029	-	-	225.00	225.00	-
06/30/2029	-	-	-	-	15,675.00
07/15/2029	15,000.00	3.000%	225.00	15,225.00	-
06/30/2030	-	-	-	-	15,225.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$58,119.44</b>	<b>\$258,119.44</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,362.22
Average Life.....	6.811 Years
Average Coupon.....	4.2665168%
Net Interest Cost (NIC).....	1.6671685%
True Interest Cost (TIC).....	1.4913138%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.4913138%

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Net Interest Cost.....	1.3878432%
Weighted Average Maturity.....	6.951 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$479,000 Seawall Storm Damage 1 (I) Dated July 29, 2016**  
**Ch. 44, s. 7(33), v. 4/22/13, art. 8**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	34,000.00	2.000%	18,175.81	52,175.81	-
01/15/2018	-	-	9,115.63	9,115.63	-
06/30/2018	-	-	-	-	61,291.44
07/15/2018	30,000.00	4.000%	9,115.63	39,115.63	-
01/15/2019	-	-	8,515.63	8,515.63	-
06/30/2019	-	-	-	-	47,631.26
07/15/2019	30,000.00	5.000%	8,515.63	38,515.63	-
01/15/2020	-	-	7,765.63	7,765.63	-
06/30/2020	-	-	-	-	46,281.26
07/15/2020	30,000.00	5.000%	7,765.63	37,765.63	-
01/15/2021	-	-	7,015.63	7,015.63	-
06/30/2021	-	-	-	-	44,781.26
07/15/2021	30,000.00	5.000%	7,015.63	37,015.63	-
01/15/2022	-	-	6,265.63	6,265.63	-
06/30/2022	-	-	-	-	43,281.26
07/15/2022	30,000.00	5.000%	6,265.63	36,265.63	-
01/15/2023	-	-	5,515.63	5,515.63	-
06/30/2023	-	-	-	-	41,781.26
07/15/2023	30,000.00	5.000%	5,515.63	35,515.63	-
01/15/2024	-	-	4,765.63	4,765.63	-
06/30/2024	-	-	-	-	40,281.26
07/15/2024	30,000.00	5.000%	4,765.63	34,765.63	-
01/15/2025	-	-	4,015.63	4,015.63	-
06/30/2025	-	-	-	-	38,781.26
07/15/2025	30,000.00	5.000%	4,015.63	34,015.63	-
01/15/2026	-	-	3,265.63	3,265.63	-
06/30/2026	-	-	-	-	37,281.26
07/15/2026	30,000.00	5.000%	3,265.63	33,265.63	-
01/15/2027	-	-	2,515.63	2,515.63	-
06/30/2027	-	-	-	-	35,781.26
07/15/2027	30,000.00	4.000%	2,515.63	32,515.63	-
01/15/2028	-	-	1,915.63	1,915.63	-
06/30/2028	-	-	-	-	34,431.26
07/15/2028	30,000.00	3.000%	1,915.63	31,915.63	-
01/15/2029	-	-	1,465.63	1,465.63	-
06/30/2029	-	-	-	-	33,381.26
07/15/2029	30,000.00	3.000%	1,465.63	31,465.63	-
01/15/2030	-	-	1,015.63	1,015.63	-
06/30/2030	-	-	-	-	32,481.26
07/15/2030	30,000.00	3.000%	1,015.63	31,015.63	-
01/15/2031	-	-	565.63	565.63	-
06/30/2031	-	-	-	-	31,581.26
07/15/2031	30,000.00	2.000%	565.63	30,565.63	-
01/15/2032	-	-	265.63	265.63	-
06/30/2032	-	-	-	-	30,831.26
07/15/2032	25,000.00	2.125%	265.63	25,265.63	-
06/30/2033	-	-	-	-	25,265.63
<b>Total</b>	<b>\$479,000.00</b>	<b>-</b>	<b>\$146,144.71</b>	<b>\$625,144.71</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,985.37
Average Life.....	8.320 Years
Average Coupon.....	3.6670279%
Net Interest Cost (NIC).....	1.8672007%
True Interest Cost (TIC).....	1.7168773%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.7168773%

**IRS Form 8038**

Net Interest Cost.....	1.6372071%
Weighted Average Maturity.....	8.253 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$900,000 Seawall Storm Damage 2 (I) Dated July 29, 2016**  
Ch. 44, s. 7(33), v. 4/22/13, art. 8

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	50,000.00	2.000%	32,557.64	82,557.64	-
01/15/2018	-	-	16,437.50	16,437.50	-
06/30/2018	-	-	-	-	98,995.14
07/15/2018	50,000.00	4.000%	16,437.50	66,437.50	-
01/15/2019	-	-	15,437.50	15,437.50	-
06/30/2019	-	-	-	-	81,875.00
07/15/2019	50,000.00	5.000%	15,437.50	65,437.50	-
01/15/2020	-	-	14,187.50	14,187.50	-
06/30/2020	-	-	-	-	79,625.00
07/15/2020	50,000.00	5.000%	14,187.50	64,187.50	-
01/15/2021	-	-	12,937.50	12,937.50	-
06/30/2021	-	-	-	-	77,125.00
07/15/2021	50,000.00	5.000%	12,937.50	62,937.50	-
01/15/2022	-	-	11,687.50	11,687.50	-
06/30/2022	-	-	-	-	74,625.00
07/15/2022	50,000.00	5.000%	11,687.50	61,687.50	-
01/15/2023	-	-	10,437.50	10,437.50	-
06/30/2023	-	-	-	-	72,125.00
07/15/2023	50,000.00	5.000%	10,437.50	60,437.50	-
01/15/2024	-	-	9,187.50	9,187.50	-
06/30/2024	-	-	-	-	69,625.00
07/15/2024	50,000.00	5.000%	9,187.50	59,187.50	-
01/15/2025	-	-	7,937.50	7,937.50	-
06/30/2025	-	-	-	-	67,125.00
07/15/2025	50,000.00	5.000%	7,937.50	57,937.50	-
01/15/2026	-	-	6,687.50	6,687.50	-
06/30/2026	-	-	-	-	64,625.00
07/15/2026	50,000.00	5.000%	6,687.50	56,687.50	-
01/15/2027	-	-	5,437.50	5,437.50	-
06/30/2027	-	-	-	-	62,125.00
07/15/2027	50,000.00	4.000%	5,437.50	55,437.50	-
01/15/2028	-	-	4,437.50	4,437.50	-
06/30/2028	-	-	-	-	59,875.00
07/15/2028	50,000.00	3.000%	4,437.50	54,437.50	-
01/15/2029	-	-	3,687.50	3,687.50	-
06/30/2029	-	-	-	-	58,125.00
07/15/2029	50,000.00	3.000%	3,687.50	53,687.50	-
01/15/2030	-	-	2,937.50	2,937.50	-
06/30/2030	-	-	-	-	56,625.00
07/15/2030	50,000.00	3.000%	2,937.50	52,937.50	-
01/15/2031	-	-	2,187.50	2,187.50	-
06/30/2031	-	-	-	-	55,125.00
07/15/2031	50,000.00	2.000%	2,187.50	52,187.50	-
01/15/2032	-	-	1,687.50	1,687.50	-
06/30/2032	-	-	-	-	53,875.00
07/15/2032	50,000.00	2.125%	1,687.50	51,687.50	-
01/15/2033	-	-	1,156.25	1,156.25	-
06/30/2033	-	-	-	-	52,843.75
07/15/2033	50,000.00	2.250%	1,156.25	51,156.25	-
01/15/2034	-	-	593.75	593.75	-
06/30/2034	-	-	-	-	51,750.00
07/15/2034	50,000.00	2.375%	593.75	50,593.75	-
06/30/2035	-	-	-	-	50,593.75
<b>Total</b>	<b>\$900,000.00</b>	<b>-</b>	<b>\$286,682.64</b>	<b>\$1,186,682.64</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$8,515.00
Average Life.....	9.461 Years
Average Coupon.....	3.3667955%
Net Interest Cost (NIC).....	1.9977351%
True Interest Cost (TIC).....	1.8679156%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.8679156%

**IRS Form 8038**

Net Interest Cost.....	1.8100201%
Weighted Average Maturity.....	9.245 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$25,000 Mill Pond Lane Dam Repair (I) Dated July 29, 2016**  
**Ch. 44, s. 7(7), v. 4/28/14, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	5,000.00	2.000%	1,009.17	6,009.17	-
01/15/2018	-	-	475.00	475.00	-
06/30/2018	-	-	-	-	6,484.17
07/15/2018	5,000.00	4.000%	475.00	5,475.00	-
01/15/2019	-	-	375.00	375.00	-
06/30/2019	-	-	-	-	5,850.00
07/15/2019	5,000.00	5.000%	375.00	5,375.00	-
01/15/2020	-	-	250.00	250.00	-
06/30/2020	-	-	-	-	5,625.00
07/15/2020	5,000.00	5.000%	250.00	5,250.00	-
01/15/2021	-	-	125.00	125.00	-
06/30/2021	-	-	-	-	5,375.00
07/15/2021	5,000.00	5.000%	125.00	5,125.00	-
06/30/2022	-	-	-	-	5,125.00
<b>Total</b>	<b>\$25,000.00</b>	<b>-</b>	<b>\$3,459.17</b>	<b>\$28,459.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$74.03
Average Life.....	2.961 Years
Average Coupon.....	4.6728000%
Net Interest Cost (NIC).....	0.9191415%
True Interest Cost (TIC).....	0.8473115%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.8473115%

**IRS Form 8038**

Net Interest Cost.....	0.8049187%
Weighted Average Maturity.....	3.043 Years

**Town of Marshfield, Massachusetts**  
 \$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds  
 \$770,000 Seawalls Riprap (I) Dated July 29, 2016  
 Ch. 44, s. 7(14), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	45,000.00	2.000%	28,256.67	73,256.67	-
01/15/2018	-	-	14,250.00	14,250.00	-
06/30/2018	-	-	-	-	87,506.67
07/15/2018	45,000.00	4.000%	14,250.00	59,250.00	-
01/15/2019	-	-	13,350.00	13,350.00	-
06/30/2019	-	-	-	-	72,600.00
07/15/2019	45,000.00	5.000%	13,350.00	58,350.00	-
01/15/2020	-	-	12,225.00	12,225.00	-
06/30/2020	-	-	-	-	70,575.00
07/15/2020	45,000.00	5.000%	12,225.00	57,225.00	-
01/15/2021	-	-	11,100.00	11,100.00	-
06/30/2021	-	-	-	-	68,325.00
07/15/2021	45,000.00	5.000%	11,100.00	56,100.00	-
01/15/2022	-	-	9,975.00	9,975.00	-
06/30/2022	-	-	-	-	66,075.00
07/15/2022	45,000.00	5.000%	9,975.00	54,975.00	-
01/15/2023	-	-	8,850.00	8,850.00	-
06/30/2023	-	-	-	-	63,825.00
07/15/2023	45,000.00	5.000%	8,850.00	53,850.00	-
01/15/2024	-	-	7,725.00	7,725.00	-
06/30/2024	-	-	-	-	61,575.00
07/15/2024	45,000.00	5.000%	7,725.00	52,725.00	-
01/15/2025	-	-	6,600.00	6,600.00	-
06/30/2025	-	-	-	-	59,325.00
07/15/2025	45,000.00	5.000%	6,600.00	51,600.00	-
01/15/2026	-	-	5,475.00	5,475.00	-
06/30/2026	-	-	-	-	57,075.00
07/15/2026	45,000.00	5.000%	5,475.00	50,475.00	-
01/15/2027	-	-	4,350.00	4,350.00	-
06/30/2027	-	-	-	-	54,825.00
07/15/2027	40,000.00	4.000%	4,350.00	44,350.00	-
01/15/2028	-	-	3,550.00	3,550.00	-
06/30/2028	-	-	-	-	47,900.00
07/15/2028	40,000.00	3.000%	3,550.00	43,550.00	-
01/15/2029	-	-	2,950.00	2,950.00	-
06/30/2029	-	-	-	-	46,500.00
07/15/2029	40,000.00	3.000%	2,950.00	42,950.00	-
01/15/2030	-	-	2,350.00	2,350.00	-
06/30/2030	-	-	-	-	45,300.00
07/15/2030	40,000.00	3.000%	2,350.00	42,350.00	-
01/15/2031	-	-	1,750.00	1,750.00	-
06/30/2031	-	-	-	-	44,100.00
07/15/2031	40,000.00	2.000%	1,750.00	41,750.00	-
01/15/2032	-	-	1,350.00	1,350.00	-
06/30/2032	-	-	-	-	43,100.00
07/15/2032	40,000.00	2.125%	1,350.00	41,350.00	-
01/15/2033	-	-	925.00	925.00	-
06/30/2033	-	-	-	-	42,275.00
07/15/2033	40,000.00	2.250%	925.00	40,925.00	-
01/15/2034	-	-	475.00	475.00	-
06/30/2034	-	-	-	-	41,400.00
07/15/2034	40,000.00	2.375%	475.00	40,475.00	-
06/30/2035	-	-	-	-	40,475.00
<b>Total</b>	<b>\$770,000.00</b>	<b>-</b>	<b>\$242,756.67</b>	<b>\$1,012,756.67</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$7,085.06
Average Life.....	9.201 Years
Average Coupon.....	3.4263199%
Net Interest Cost (NIC).....	1.9738415%
True Interest Cost (TIC).....	1.8398493%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.8398493%

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Net Interest Cost.....	1.7796905%
Weighted Average Maturity.....	9.002 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$94,000 Fire Engine Refurbish (I) Dated July 29, 2016**  
 Ch. 44, s. 7(9A), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	24,000.00	2.000%	3,633.00	27,633.00	-
01/15/2018	-	-	1,650.00	1,650.00	-
06/30/2018	-	-	-	-	29,283.00
07/15/2018	20,000.00	4.000%	1,650.00	21,650.00	-
01/15/2019	-	-	1,250.00	1,250.00	-
06/30/2019	-	-	-	-	22,900.00
07/15/2019	15,000.00	5.000%	1,250.00	16,250.00	-
01/15/2020	-	-	875.00	875.00	-
06/30/2020	-	-	-	-	17,125.00
07/15/2020	10,000.00	5.000%	875.00	10,875.00	-
01/15/2021	-	-	625.00	625.00	-
06/30/2021	-	-	-	-	11,500.00
07/15/2021	10,000.00	5.000%	625.00	10,625.00	-
01/15/2022	-	-	375.00	375.00	-
06/30/2022	-	-	-	-	11,000.00
07/15/2022	5,000.00	5.000%	375.00	5,375.00	-
01/15/2023	-	-	250.00	250.00	-
06/30/2023	-	-	-	-	5,625.00
07/15/2023	5,000.00	5.000%	250.00	5,250.00	-
01/15/2024	-	-	125.00	125.00	-
06/30/2024	-	-	-	-	5,375.00
07/15/2024	5,000.00	5.000%	125.00	5,125.00	-
06/30/2025	-	-	-	-	5,125.00
<b>Total</b>	<b>\$94,000.00</b>	<b>-</b>	<b>\$13,933.00</b>	<b>\$107,933.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$300.34
Average Life.....	3.195 Years
Average Coupon.....	4.6390071%
Net Interest Cost (NIC).....	1.0558344%
True Interest Cost (TIC).....	0.9601276%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.9601276%

**IRS Form 8038**

Net Interest Cost.....	0.9033818%
Weighted Average Maturity.....	3.351 Years

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## Town of Marshfield, Massachusetts

\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds

\$180,000 DPW Dump Tuck Plow & Sander (I) Dated July 29, 2016

Ch. 44, s. 7(9), v. 4/28/14, art. 3

### Debt Service Schedule

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Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	60,000.00	2.000%	6,343.33	66,343.33	-
01/15/2018	-	-	2,700.00	2,700.00	-
06/30/2018	-	-	-	-	69,043.33
07/15/2018	60,000.00	4.000%	2,700.00	62,700.00	-
01/15/2019	-	-	1,500.00	1,500.00	-
06/30/2019	-	-	-	-	64,200.00
07/15/2019	60,000.00	5.000%	1,500.00	61,500.00	-
06/30/2020	-	-	-	-	61,500.00
<b>Total</b>	<b>\$180,000.00</b>	<b>-</b>	<b>\$14,743.33</b>	<b>\$194,743.33</b>	<b>-</b>

#### Yield Statistics

Bond Year Dollars.....	\$353.00
Average Life.....	1.961 Years
Average Coupon.....	4.1765807%
Net Interest Cost (NIC).....	0.7402635%
True Interest Cost (TIC).....	0.7008749%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.7008749%

#### IRS Form 8038

Net Interest Cost.....	0.6814992%
Weighted Average Maturity.....	1.996 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$60,000 Harbormaster Dredging Permits (I) Dated July 29, 2016**  
Ch. 44, s. 7(22), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	20,000.00	2.000%	2,114.44	22,114.44	-
01/15/2018	-	-	900.00	900.00	-
06/30/2018	-	-	-	-	23,014.44
07/15/2018	20,000.00	4.000%	900.00	20,900.00	-
01/15/2019	-	-	500.00	500.00	-
06/30/2019	-	-	-	-	21,400.00
07/15/2019	20,000.00	5.000%	500.00	20,500.00	-
06/30/2020	-	-	-	-	20,500.00
<b>Total</b>	<b>\$60,000.00</b>	<b>-</b>	<b>\$4,914.44</b>	<b>\$64,914.44</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$117.67
Average Life.....	1.961 Years
Average Coupon.....	4.1765779%
Net Interest Cost (NIC).....	0.7402606%
True Interest Cost (TIC).....	0.7008722%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.7008722%

**IRS Form 8038**

Net Interest Cost.....	0.6814966%
Weighted Average Maturity.....	1.996 Years



**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$50,000 Stormwater NPDES (I) Dated July 29, 2016**  
Ch. 44, s. 7(22), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	20,000.00	2.000%	1,681.94	21,681.94	-
01/15/2018	-	-	675.00	675.00	-
06/30/2018	-	-	-	-	22,356.94
07/15/2018	15,000.00	4.000%	675.00	15,675.00	-
01/15/2019	-	-	375.00	375.00	-
06/30/2019	-	-	-	-	16,050.00
07/15/2019	15,000.00	5.000%	375.00	15,375.00	-
06/30/2020	-	-	-	-	15,375.00
<b>Total</b>	<b>\$50,000.00</b>	<b>-</b>	<b>\$3,781.94</b>	<b>\$53,781.94</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$93.06
Average Life.....	1.861 Years
Average Coupon.....	4.0641743%
Net Interest Cost (NIC).....	0.7333684%
True Interest Cost (TIC).....	0.6957332%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.6957332%

**IRS Form 8038**

Net Interest Cost.....	0.6774975%
Weighted Average Maturity.....	1.897 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$120,000 Harbormaster Gangway (I) Dated July 29, 2016**  
Ch. 44, s. 7(25), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	10,000.00	2.000%	5,093.89	15,093.89	-
01/15/2018	-	-	2,550.00	2,550.00	-
06/30/2018	-	-	-	-	17,643.89
07/15/2018	10,000.00	4.000%	2,550.00	12,550.00	-
01/15/2019	-	-	2,350.00	2,350.00	-
06/30/2019	-	-	-	-	14,900.00
07/15/2019	10,000.00	5.000%	2,350.00	12,350.00	-
01/15/2020	-	-	2,100.00	2,100.00	-
06/30/2020	-	-	-	-	14,450.00
07/15/2020	10,000.00	5.000%	2,100.00	12,100.00	-
01/15/2021	-	-	1,850.00	1,850.00	-
06/30/2021	-	-	-	-	13,950.00
07/15/2021	10,000.00	5.000%	1,850.00	11,850.00	-
01/15/2022	-	-	1,600.00	1,600.00	-
06/30/2022	-	-	-	-	13,450.00
07/15/2022	10,000.00	5.000%	1,600.00	11,600.00	-
01/15/2023	-	-	1,350.00	1,350.00	-
06/30/2023	-	-	-	-	12,950.00
07/15/2023	10,000.00	5.000%	1,350.00	11,350.00	-
01/15/2024	-	-	1,100.00	1,100.00	-
06/30/2024	-	-	-	-	12,450.00
07/15/2024	10,000.00	5.000%	1,100.00	11,100.00	-
01/15/2025	-	-	850.00	850.00	-
06/30/2025	-	-	-	-	11,950.00
07/15/2025	10,000.00	5.000%	850.00	10,850.00	-
01/15/2026	-	-	600.00	600.00	-
06/30/2026	-	-	-	-	11,450.00
07/15/2026	10,000.00	5.000%	600.00	10,600.00	-
01/15/2027	-	-	350.00	350.00	-
06/30/2027	-	-	-	-	10,950.00
07/15/2027	10,000.00	4.000%	350.00	10,350.00	-
01/15/2028	-	-	150.00	150.00	-
06/30/2028	-	-	-	-	10,500.00
07/15/2028	5,000.00	3.000%	150.00	5,150.00	-
01/15/2029	-	-	75.00	75.00	-
06/30/2029	-	-	-	-	5,225.00
07/15/2029	5,000.00	3.000%	75.00	5,075.00	-
06/30/2030	-	-	-	-	5,075.00
<b>Total</b>	<b>\$120,000.00</b>	<b>-</b>	<b>\$34,943.89</b>	<b>\$154,943.89</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$780.33
Average Life.....	6.503 Years
Average Coupon.....	4.4780722%
Net Interest Cost (NIC).....	1.5928244%
True Interest Cost (TIC).....	1.4145452%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.4145452%

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Net Interest Cost.....	1.3082664%
Weighted Average Maturity.....	6.666 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$200,000 School Technology (I) Dated July 29, 2016**  
 Ch. 44, s. 7(28) & 7(29), v. 4/22/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	45,000.00	2.000%	7,929.17	52,929.17	-
01/15/2018	-	-	3,675.00	3,675.00	-
06/30/2018	-	-	-	-	56,604.17
07/15/2018	40,000.00	4.000%	3,675.00	43,675.00	-
01/15/2019	-	-	2,875.00	2,875.00	-
06/30/2019	-	-	-	-	46,550.00
07/15/2019	35,000.00	5.000%	2,875.00	37,875.00	-
01/15/2020	-	-	2,000.00	2,000.00	-
06/30/2020	-	-	-	-	39,875.00
07/15/2020	20,000.00	5.000%	2,000.00	22,000.00	-
01/15/2021	-	-	1,500.00	1,500.00	-
06/30/2021	-	-	-	-	23,500.00
07/15/2021	15,000.00	5.000%	1,500.00	16,500.00	-
01/15/2022	-	-	1,125.00	1,125.00	-
06/30/2022	-	-	-	-	17,625.00
07/15/2022	15,000.00	5.000%	1,125.00	16,125.00	-
01/15/2023	-	-	750.00	750.00	-
06/30/2023	-	-	-	-	16,875.00
07/15/2023	15,000.00	5.000%	750.00	15,750.00	-
01/15/2024	-	-	375.00	375.00	-
06/30/2024	-	-	-	-	16,125.00
07/15/2024	15,000.00	5.000%	375.00	15,375.00	-
06/30/2025	-	-	-	-	15,375.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$32,529.17</b>	<b>\$232,529.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$692.22
Average Life.....	3.461 Years
Average Coupon.....	4.6992380%
Net Interest Cost (NIC).....	1.1036803%
True Interest Cost (TIC).....	0.9982414%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.9982414%

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Net Interest Cost.....	0.9351264%
Weighted Average Maturity.....	3.633 Years

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## Town of Marshfield, Massachusetts

\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds

\$23,600 Pudding Hill Water Tank Construction (O) Dated July 29, 2016

Ch. 44, s. 8(4), v. 4/22/11, art. 4

### Debt Service Schedule

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Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	8,600.00	2.000%	838.09	9,438.09	-
01/15/2018	-	-	350.00	350.00	-
06/30/2018	-	-	-	-	9,788.09
07/15/2018	5,000.00	4.000%	350.00	5,350.00	-
01/15/2019	-	-	250.00	250.00	-
06/30/2019	-	-	-	-	5,600.00
07/15/2019	5,000.00	5.000%	250.00	5,250.00	-
01/15/2020	-	-	125.00	125.00	-
06/30/2020	-	-	-	-	5,375.00
07/15/2020	5,000.00	5.000%	125.00	5,125.00	-
06/30/2021	-	-	-	-	5,125.00
<b>Total</b>	<b>\$23,600.00</b>	<b>-</b>	<b>\$2,288.09</b>	<b>\$25,888.09</b>	<b>-</b>

#### Yield Statistics

Bond Year Dollars.....	\$52.68
Average Life.....	2.232 Years
Average Coupon.....	4.3431919%
Net Interest Cost (NIC).....	0.8100266%
True Interest Cost (TIC).....	0.7584688%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.7584688%

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Net Interest Cost.....	0.7301804%
Weighted Average Maturity.....	2.295 Years

**Town of Marshfield, Massachusetts**  
 \$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds  
 \$225,000 Water Main South River (O) Dated July 29, 2016  
 Ch. 44, s. 8, v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	15,000.00	2.000%	8,001.25	23,001.25	-
01/15/2018	-	-	4,012.50	4,012.50	-
06/30/2018	-	-	-	-	27,013.75
07/15/2018	15,000.00	4.000%	4,012.50	19,012.50	-
01/15/2019	-	-	3,712.50	3,712.50	-
06/30/2019	-	-	-	-	22,725.00
07/15/2019	15,000.00	5.000%	3,712.50	18,712.50	-
01/15/2020	-	-	3,337.50	3,337.50	-
06/30/2020	-	-	-	-	22,050.00
07/15/2020	15,000.00	5.000%	3,337.50	18,337.50	-
01/15/2021	-	-	2,962.50	2,962.50	-
06/30/2021	-	-	-	-	21,300.00
07/15/2021	15,000.00	5.000%	2,962.50	17,962.50	-
01/15/2022	-	-	2,587.50	2,587.50	-
06/30/2022	-	-	-	-	20,550.00
07/15/2022	10,000.00	5.000%	2,587.50	12,587.50	-
01/15/2023	-	-	2,337.50	2,337.50	-
06/30/2023	-	-	-	-	14,925.00
07/15/2023	10,000.00	5.000%	2,337.50	12,337.50	-
01/15/2024	-	-	2,087.50	2,087.50	-
06/30/2024	-	-	-	-	14,425.00
07/15/2024	10,000.00	5.000%	2,087.50	12,087.50	-
01/15/2025	-	-	1,837.50	1,837.50	-
06/30/2025	-	-	-	-	13,925.00
07/15/2025	10,000.00	5.000%	1,837.50	11,837.50	-
01/15/2026	-	-	1,587.50	1,587.50	-
06/30/2026	-	-	-	-	13,425.00
07/15/2026	10,000.00	5.000%	1,587.50	11,587.50	-
01/15/2027	-	-	1,337.50	1,337.50	-
06/30/2027	-	-	-	-	12,925.00
07/15/2027	10,000.00	4.000%	1,337.50	11,337.50	-
01/15/2028	-	-	1,137.50	1,137.50	-
06/30/2028	-	-	-	-	12,475.00
07/15/2028	10,000.00	3.000%	1,137.50	11,137.50	-
01/15/2029	-	-	987.50	987.50	-
06/30/2029	-	-	-	-	12,125.00
07/15/2029	10,000.00	3.000%	987.50	10,987.50	-
01/15/2030	-	-	837.50	837.50	-
06/30/2030	-	-	-	-	11,825.00
07/15/2030	10,000.00	3.000%	837.50	10,837.50	-
01/15/2031	-	-	687.50	687.50	-
06/30/2031	-	-	-	-	11,525.00
07/15/2031	10,000.00	2.000%	687.50	10,687.50	-
01/15/2032	-	-	587.50	587.50	-
06/30/2032	-	-	-	-	11,275.00
07/15/2032	10,000.00	2.125%	587.50	10,587.50	-
01/15/2033	-	-	481.25	481.25	-
06/30/2033	-	-	-	-	11,068.75
07/15/2033	10,000.00	2.250%	481.25	10,481.25	-
01/15/2034	-	-	368.75	368.75	-
06/30/2034	-	-	-	-	10,850.00
07/15/2034	10,000.00	2.375%	368.75	10,368.75	-
01/15/2035	-	-	250.00	250.00	-
06/30/2035	-	-	-	-	10,618.75
07/15/2035	10,000.00	2.500%	250.00	10,250.00	-
01/15/2036	-	-	125.00	125.00	-
06/30/2036	-	-	-	-	10,375.00
07/15/2036	10,000.00	2.500%	125.00	10,125.00	-
06/30/2037	-	-	-	-	10,125.00
<b>Total</b>	<b>\$225,000.00</b>	<b>-</b>	<b>\$70,526.25</b>	<b>\$295,526.25</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,166.25
Average Life.....	9.628 Years
Average Coupon.....	3.2556838%
Net Interest Cost (NIC).....	2.0686901%
True Interest Cost (TIC).....	1.9486237%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9486237%

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Net Interest Cost.....	1.9102503%
Weighted Average Maturity.....	9.357 Years

**Town of Marshfield, Massachusetts**  
 \$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds  
 \$1,076,000 Fairgrounds Pump Station Water Main (O) Dated July 29, 2016  
 Ch. 44, s. 8(5), v. 4/24/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	61,000.00	2.000%	37,911.03	98,911.03	-
01/15/2018	-	-	19,112.50	19,112.50	-
06/30/2018	-	-	-	-	118,023.53
07/15/2018	55,000.00	4.000%	19,112.50	74,112.50	-
01/15/2019	-	-	18,012.50	18,012.50	-
06/30/2019	-	-	-	-	92,125.00
07/15/2019	55,000.00	5.000%	18,012.50	73,012.50	-
01/15/2020	-	-	16,637.50	16,637.50	-
06/30/2020	-	-	-	-	89,650.00
07/15/2020	50,000.00	5.000%	16,637.50	66,637.50	-
01/15/2021	-	-	15,387.50	15,387.50	-
06/30/2021	-	-	-	-	82,025.00
07/15/2021	55,000.00	5.000%	15,387.50	70,387.50	-
01/15/2022	-	-	14,012.50	14,012.50	-
06/30/2022	-	-	-	-	84,400.00
07/15/2022	55,000.00	5.000%	14,012.50	69,012.50	-
01/15/2023	-	-	12,637.50	12,637.50	-
06/30/2023	-	-	-	-	81,650.00
07/15/2023	55,000.00	5.000%	12,637.50	67,637.50	-
01/15/2024	-	-	11,262.50	11,262.50	-
06/30/2024	-	-	-	-	78,900.00
07/15/2024	60,000.00	5.000%	11,262.50	71,262.50	-
01/15/2025	-	-	9,762.50	9,762.50	-
06/30/2025	-	-	-	-	81,025.00
07/15/2025	55,000.00	5.000%	9,762.50	64,762.50	-
01/15/2026	-	-	8,387.50	8,387.50	-
06/30/2026	-	-	-	-	73,150.00
07/15/2026	55,000.00	5.000%	8,387.50	63,387.50	-
01/15/2027	-	-	7,012.50	7,012.50	-
06/30/2027	-	-	-	-	70,400.00
07/15/2027	55,000.00	4.000%	7,012.50	62,012.50	-
01/15/2028	-	-	5,912.50	5,912.50	-
06/30/2028	-	-	-	-	67,925.00
07/15/2028	55,000.00	3.000%	5,912.50	60,912.50	-
01/15/2029	-	-	5,087.50	5,087.50	-
06/30/2029	-	-	-	-	66,000.00
07/15/2029	55,000.00	3.000%	5,087.50	60,087.50	-
01/15/2030	-	-	4,262.50	4,262.50	-
06/30/2030	-	-	-	-	64,350.00
07/15/2030	55,000.00	3.000%	4,262.50	59,262.50	-
01/15/2031	-	-	3,437.50	3,437.50	-
06/30/2031	-	-	-	-	62,700.00
07/15/2031	50,000.00	2.000%	3,437.50	53,437.50	-
01/15/2032	-	-	2,937.50	2,937.50	-
06/30/2032	-	-	-	-	56,375.00
07/15/2032	50,000.00	2.125%	2,937.50	52,937.50	-
01/15/2033	-	-	2,406.25	2,406.25	-
06/30/2033	-	-	-	-	55,343.75
07/15/2033	50,000.00	2.250%	2,406.25	52,406.25	-
01/15/2034	-	-	1,843.75	1,843.75	-
06/30/2034	-	-	-	-	54,250.00
07/15/2034	50,000.00	2.375%	1,843.75	51,843.75	-
01/15/2035	-	-	1,250.00	1,250.00	-
06/30/2035	-	-	-	-	53,093.75
07/15/2035	50,000.00	2.500%	1,250.00	51,250.00	-
01/15/2036	-	-	625.00	625.00	-
06/30/2036	-	-	-	-	51,875.00
07/15/2036	50,000.00	2.500%	625.00	50,625.00	-
06/30/2037	-	-	-	-	50,625.00
<b>Total</b>	<b>\$1,076,000.00</b>	<b>-</b>	<b>\$357,886.03</b>	<b>\$1,433,886.03</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$11,009.16
Average Life.....	10.232 Years
Average Coupon.....	3.2508036%
Net Interest Cost (NIC).....	2.0923298%
True Interest Cost (TIC).....	1.9704342%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	1.9704342%

**IRS Form 8038**

Net Interest Cost.....	1.9259615%
Weighted Average Maturity.....	9.937 Years

**Town of Marshfield, Massachusetts**  
**\$8,871,000 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$56,000 Water Meter Replacement (O) Dated July 29, 2016**  
Ch. 44, s. 8(7A), v. 4/22/13, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/29/2016	-	-	-	-	-
07/15/2017	11,000.00	2.000%	2,277.83	13,277.83	-
01/15/2018	-	-	1,075.00	1,075.00	-
06/30/2018	-	-	-	-	14,352.83
07/15/2018	10,000.00	4.000%	1,075.00	11,075.00	-
01/15/2019	-	-	875.00	875.00	-
06/30/2019	-	-	-	-	11,950.00
07/15/2019	10,000.00	5.000%	875.00	10,875.00	-
01/15/2020	-	-	625.00	625.00	-
06/30/2020	-	-	-	-	11,500.00
07/15/2020	10,000.00	5.000%	625.00	10,625.00	-
01/15/2021	-	-	375.00	375.00	-
06/30/2021	-	-	-	-	11,000.00
07/15/2021	5,000.00	5.000%	375.00	5,375.00	-
01/15/2022	-	-	250.00	250.00	-
06/30/2022	-	-	-	-	5,625.00
07/15/2022	5,000.00	5.000%	250.00	5,250.00	-
01/15/2023	-	-	125.00	125.00	-
06/30/2023	-	-	-	-	5,375.00
07/15/2023	5,000.00	5.000%	125.00	5,125.00	-
06/30/2024	-	-	-	-	5,125.00
<b>Total</b>	<b>\$56,000.00</b>	<b>-</b>	<b>\$8,927.83</b>	<b>\$64,927.83</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$188.82
Average Life.....	3.372 Years
Average Coupon.....	4.7281670%
Net Interest Cost (NIC).....	1.0394910%
True Interest Cost (TIC).....	0.9464777%
Bond Yield for Arbitrage Purposes.....	1.8302728%
All Inclusive Cost (AIC).....	0.9464777%

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Net Interest Cost.....	0.8906585%
Weighted Average Maturity.....	3.500 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$1,109,500 High School (OE) Dated July 28, 2017**  
**Ch. 70B, v. 11/17/11, art. 1**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	119,500.00	5.000%	52,507.85	172,007.85	-
01/15/2019	-	-	24,250.00	24,250.00	-
06/30/2019	-	-	-	-	196,257.85
07/15/2019	120,000.00	5.000%	24,250.00	144,250.00	-
01/15/2020	-	-	21,250.00	21,250.00	-
06/30/2020	-	-	-	-	165,500.00
07/15/2020	120,000.00	5.000%	21,250.00	141,250.00	-
01/15/2021	-	-	18,250.00	18,250.00	-
06/30/2021	-	-	-	-	159,500.00
07/15/2021	120,000.00	5.000%	18,250.00	138,250.00	-
01/15/2022	-	-	15,250.00	15,250.00	-
06/30/2022	-	-	-	-	153,500.00
07/15/2022	120,000.00	5.000%	15,250.00	135,250.00	-
01/15/2023	-	-	12,250.00	12,250.00	-
06/30/2023	-	-	-	-	147,500.00
07/15/2023	110,000.00	5.000%	12,250.00	122,250.00	-
01/15/2024	-	-	9,500.00	9,500.00	-
06/30/2024	-	-	-	-	131,750.00
07/15/2024	100,000.00	5.000%	9,500.00	109,500.00	-
01/15/2025	-	-	7,000.00	7,000.00	-
06/30/2025	-	-	-	-	116,500.00
07/15/2025	100,000.00	5.000%	7,000.00	107,000.00	-
01/15/2026	-	-	4,500.00	4,500.00	-
06/30/2026	-	-	-	-	111,500.00
07/15/2026	100,000.00	4.000%	4,500.00	104,500.00	-
01/15/2027	-	-	2,500.00	2,500.00	-
06/30/2027	-	-	-	-	107,000.00
07/15/2027	100,000.00	5.000%	2,500.00	102,500.00	-
06/30/2028	-	-	-	-	102,500.00
<b>Total</b>	<b>\$1,109,500.00</b>	<b>-</b>	<b>\$282,007.85</b>	<b>\$1,391,507.85</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$5,819.43
Average Life.....	5.245 Years
Average Coupon.....	4.8459664%
Net Interest Cost (NIC).....	1.7264954%
True Interest Cost (TIC).....	1.5475494%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5475494%

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Net Interest Cost.....	1.4394661%
Weighted Average Maturity.....	5.406 Years



**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$177,000 School Computer Hardware (I) Dated July 28, 2017**  
Ch. 44, s. 7(9), v. 4/28/14, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	42,000.00	5.000%	8,530.42	50,530.42	-
01/15/2019	-	-	3,375.00	3,375.00	-
06/30/2019	-	-	-	-	53,905.42
07/15/2019	35,000.00	5.000%	3,375.00	38,375.00	-
01/15/2020	-	-	2,500.00	2,500.00	-
06/30/2020	-	-	-	-	40,875.00
07/15/2020	35,000.00	5.000%	2,500.00	37,500.00	-
01/15/2021	-	-	1,625.00	1,625.00	-
06/30/2021	-	-	-	-	39,125.00
07/15/2021	35,000.00	5.000%	1,625.00	36,625.00	-
01/15/2022	-	-	750.00	750.00	-
06/30/2022	-	-	-	-	37,375.00
07/15/2022	30,000.00	5.000%	750.00	30,750.00	-
06/30/2023	-	-	-	-	30,750.00
<b>Total</b>	<b>\$177,000.00</b>	<b>-</b>	<b>\$25,030.42</b>	<b>\$202,030.42</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$500.61
Average Life.....	2.828 Years
Average Coupon.....	5.0000007%
Net Interest Cost (NIC).....	1.2554166%
True Interest Cost (TIC).....	1.1625203%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1625203%

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Net Interest Cost.....	1.1105186%
Weighted Average Maturity.....	2.891 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$90,000 School Computer Software (I) Dated July 28, 2017**  
Ch. 44, s. 7(9), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	10,000.00	5.000%	4,241.11	14,241.11	-
01/15/2019	-	-	1,950.00	1,950.00	-
06/30/2019	-	-	-	-	16,191.11
07/15/2019	10,000.00	5.000%	1,950.00	11,950.00	-
01/15/2020	-	-	1,700.00	1,700.00	-
06/30/2020	-	-	-	-	13,650.00
07/15/2020	10,000.00	5.000%	1,700.00	11,700.00	-
01/15/2021	-	-	1,450.00	1,450.00	-
06/30/2021	-	-	-	-	13,150.00
07/15/2021	10,000.00	5.000%	1,450.00	11,450.00	-
01/15/2022	-	-	1,200.00	1,200.00	-
06/30/2022	-	-	-	-	12,650.00
07/15/2022	10,000.00	5.000%	1,200.00	11,200.00	-
01/15/2023	-	-	950.00	950.00	-
06/30/2023	-	-	-	-	12,150.00
07/15/2023	10,000.00	5.000%	950.00	10,950.00	-
01/15/2024	-	-	700.00	700.00	-
06/30/2024	-	-	-	-	11,650.00
07/15/2024	10,000.00	5.000%	700.00	10,700.00	-
01/15/2025	-	-	450.00	450.00	-
06/30/2025	-	-	-	-	11,150.00
07/15/2025	10,000.00	5.000%	450.00	10,450.00	-
01/15/2026	-	-	200.00	200.00	-
06/30/2026	-	-	-	-	10,650.00
07/15/2026	10,000.00	4.000%	200.00	10,200.00	-
06/30/2027	-	-	-	-	10,200.00
<b>Total</b>	<b>\$90,000.00</b>	<b>-</b>	<b>\$21,441.11</b>	<b>\$111,441.11</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$446.75
Average Life.....	4.964 Years
Average Coupon.....	4.7993531%
Net Interest Cost (NIC).....	1.6393979%
True Interest Cost (TIC).....	1.4791064%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.4791064%

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Net Interest Cost.....	1.3807968%
Weighted Average Maturity.....	5.094 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$182,000 Facilities Assessment (I) Dated July 28, 2017**  
 Ch. 44, s. 7(7), v. 4/23/12, art. 3

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	47,000.00	5.000%	8,771.39	55,771.39	-
01/15/2019	-	-	3,375.00	3,375.00	-
06/30/2019	-	-	-	-	59,146.39
07/15/2019	45,000.00	5.000%	3,375.00	48,375.00	-
01/15/2020	-	-	2,250.00	2,250.00	-
06/30/2020	-	-	-	-	50,625.00
07/15/2020	45,000.00	5.000%	2,250.00	47,250.00	-
01/15/2021	-	-	1,125.00	1,125.00	-
06/30/2021	-	-	-	-	48,375.00
07/15/2021	45,000.00	5.000%	1,125.00	46,125.00	-
06/30/2022	-	-	-	-	46,125.00
<b>Total</b>	<b>\$182,000.00</b>	<b>-</b>	<b>\$22,271.39</b>	<b>\$204,271.39</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$445.43
Average Life.....	2.447 Years
Average Coupon.....	5.0000002%
Net Interest Cost (NIC).....	1.1861047%
True Interest Cost (TIC).....	1.1076167%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1076167%

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Net Interest Cost.....	1.0668967%
Weighted Average Maturity.....	2.489 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$219,000 Fuel Depot Remodeling (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 10/27/14, art. 24

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	34,000.00	5.000%	10,410.00	44,410.00	-
01/15/2019	-	-	4,550.00	4,550.00	-
06/30/2019	-	-	-	-	48,960.00
07/15/2019	25,000.00	5.000%	4,550.00	29,550.00	-
01/15/2020	-	-	3,925.00	3,925.00	-
06/30/2020	-	-	-	-	33,475.00
07/15/2020	25,000.00	5.000%	3,925.00	28,925.00	-
01/15/2021	-	-	3,300.00	3,300.00	-
06/30/2021	-	-	-	-	32,225.00
07/15/2021	25,000.00	5.000%	3,300.00	28,300.00	-
01/15/2022	-	-	2,675.00	2,675.00	-
06/30/2022	-	-	-	-	30,975.00
07/15/2022	25,000.00	5.000%	2,675.00	27,675.00	-
01/15/2023	-	-	2,050.00	2,050.00	-
06/30/2023	-	-	-	-	29,725.00
07/15/2023	20,000.00	5.000%	2,050.00	22,050.00	-
01/15/2024	-	-	1,550.00	1,550.00	-
06/30/2024	-	-	-	-	23,600.00
07/15/2024	20,000.00	5.000%	1,550.00	21,550.00	-
01/15/2025	-	-	1,050.00	1,050.00	-
06/30/2025	-	-	-	-	22,600.00
07/15/2025	15,000.00	5.000%	1,050.00	16,050.00	-
01/15/2026	-	-	675.00	675.00	-
06/30/2026	-	-	-	-	16,725.00
07/15/2026	15,000.00	4.000%	675.00	15,675.00	-
01/15/2027	-	-	375.00	375.00	-
06/30/2027	-	-	-	-	16,050.00
07/15/2027	15,000.00	5.000%	375.00	15,375.00	-
06/30/2028	-	-	-	-	15,375.00
<b>Total</b>	<b>\$219,000.00</b>	<b>-</b>	<b>\$50,710.00</b>	<b>\$269,710.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,041.09
Average Life.....	4.754 Years
Average Coupon.....	4.8708487%
Net Interest Cost (NIC).....	1.6711545%
True Interest Cost (TIC).....	1.5020269%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5020269%

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Net Interest Cost.....	1.4012966%
Weighted Average Maturity.....	4.921 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$700,000 School Boilers (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 10/24/16, art. 13

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	70,000.00	5.000%	33,061.39	103,061.39	-
01/15/2019	-	-	15,400.00	15,400.00	-
06/30/2019	-	-	-	-	118,461.39
07/15/2019	70,000.00	5.000%	15,400.00	85,400.00	-
01/15/2020	-	-	13,650.00	13,650.00	-
06/30/2020	-	-	-	-	99,050.00
07/15/2020	70,000.00	5.000%	13,650.00	83,650.00	-
01/15/2021	-	-	11,900.00	11,900.00	-
06/30/2021	-	-	-	-	95,550.00
07/15/2021	70,000.00	5.000%	11,900.00	81,900.00	-
01/15/2022	-	-	10,150.00	10,150.00	-
06/30/2022	-	-	-	-	92,050.00
07/15/2022	70,000.00	5.000%	10,150.00	80,150.00	-
01/15/2023	-	-	8,400.00	8,400.00	-
06/30/2023	-	-	-	-	88,550.00
07/15/2023	70,000.00	5.000%	8,400.00	78,400.00	-
01/15/2024	-	-	6,650.00	6,650.00	-
06/30/2024	-	-	-	-	85,050.00
07/15/2024	70,000.00	5.000%	6,650.00	76,650.00	-
01/15/2025	-	-	4,900.00	4,900.00	-
06/30/2025	-	-	-	-	81,550.00
07/15/2025	70,000.00	5.000%	4,900.00	74,900.00	-
01/15/2026	-	-	3,150.00	3,150.00	-
06/30/2026	-	-	-	-	78,050.00
07/15/2026	70,000.00	4.000%	3,150.00	73,150.00	-
01/15/2027	-	-	1,750.00	1,750.00	-
06/30/2027	-	-	-	-	74,900.00
07/15/2027	70,000.00	5.000%	1,750.00	71,750.00	-
06/30/2028	-	-	-	-	71,750.00
<b>Total</b>	<b>\$700,000.00</b>	<b>-</b>	<b>\$184,961.39</b>	<b>\$884,961.39</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,824.72
Average Life.....	5.464 Years
Average Coupon.....	4.8359431%
Net Interest Cost (NIC).....	1.7527911%
True Interest Cost (TIC).....	1.5689861%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5689861%

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Net Interest Cost.....	1.4571439%
Weighted Average Maturity.....	5.625 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$2,250,000 Library Plaza Renovations (I) Dated July 28, 2017**  
**Ch. 44, s. 7(1), v. 4/28/14, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	225,000.00	5.000%	106,268.75	331,268.75	-
01/15/2019	-	-	49,500.00	49,500.00	-
06/30/2019	-	-	-	-	380,768.75
07/15/2019	225,000.00	5.000%	49,500.00	274,500.00	-
01/15/2020	-	-	43,875.00	43,875.00	-
06/30/2020	-	-	-	-	318,375.00
07/15/2020	225,000.00	5.000%	43,875.00	268,875.00	-
01/15/2021	-	-	38,250.00	38,250.00	-
06/30/2021	-	-	-	-	307,125.00
07/15/2021	225,000.00	5.000%	38,250.00	263,250.00	-
01/15/2022	-	-	32,625.00	32,625.00	-
06/30/2022	-	-	-	-	295,875.00
07/15/2022	225,000.00	5.000%	32,625.00	257,625.00	-
01/15/2023	-	-	27,000.00	27,000.00	-
06/30/2023	-	-	-	-	284,625.00
07/15/2023	225,000.00	5.000%	27,000.00	252,000.00	-
01/15/2024	-	-	21,375.00	21,375.00	-
06/30/2024	-	-	-	-	273,375.00
07/15/2024	225,000.00	5.000%	21,375.00	246,375.00	-
01/15/2025	-	-	15,750.00	15,750.00	-
06/30/2025	-	-	-	-	262,125.00
07/15/2025	225,000.00	5.000%	15,750.00	240,750.00	-
01/15/2026	-	-	10,125.00	10,125.00	-
06/30/2026	-	-	-	-	250,875.00
07/15/2026	225,000.00	4.000%	10,125.00	235,125.00	-
01/15/2027	-	-	5,625.00	5,625.00	-
06/30/2027	-	-	-	-	240,750.00
07/15/2027	225,000.00	5.000%	5,625.00	230,625.00	-
06/30/2028	-	-	-	-	230,625.00
<b>Total</b>	<b>\$2,250,000.00</b>	<b>-</b>	<b>\$594,518.75</b>	<b>\$2,844,518.75</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$12,293.75
Average Life.....	5.464 Years
Average Coupon.....	4.8359431%
Net Interest Cost (NIC).....	1.7527911%
True Interest Cost (TIC).....	1.5689860%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5689860%

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Net Interest Cost.....	1.4571439%
Weighted Average Maturity.....	5.625 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$50,000 Wastewater Outfall Inspection (I) Dated July 28, 2017**  
**Ch. 44, s. 7(1), v. 4/28/14, art. 3**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	10,000.00	5.000%	2,409.72	12,409.72	-
01/15/2019	-	-	1,000.00	1,000.00	-
06/30/2019	-	-	-	-	13,409.72
07/15/2019	10,000.00	5.000%	1,000.00	11,000.00	-
01/15/2020	-	-	750.00	750.00	-
06/30/2020	-	-	-	-	11,750.00
07/15/2020	10,000.00	5.000%	750.00	10,750.00	-
01/15/2021	-	-	500.00	500.00	-
06/30/2021	-	-	-	-	11,250.00
07/15/2021	10,000.00	5.000%	500.00	10,500.00	-
01/15/2022	-	-	250.00	250.00	-
06/30/2022	-	-	-	-	10,750.00
07/15/2022	10,000.00	5.000%	250.00	10,250.00	-
06/30/2023	-	-	-	-	10,250.00
<b>Total</b>	<b>\$50,000.00</b>	<b>-</b>	<b>\$7,409.72</b>	<b>\$57,409.72</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$148.19
Average Life.....	2.964 Years
Average Coupon.....	4.9999985%
Net Interest Cost (NIC).....	1.2679423%
True Interest Cost (TIC).....	1.1724930%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1724930%

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Net Interest Cost.....	1.1182085%
Weighted Average Maturity.....	3.026 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$200,000 Dredging 1 (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 10/27/14, art. 11

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	20,000.00	5.000%	9,446.11	29,446.11	-
01/15/2019	-	-	4,400.00	4,400.00	-
06/30/2019	-	-	-	-	33,846.11
07/15/2019	20,000.00	5.000%	4,400.00	24,400.00	-
01/15/2020	-	-	3,900.00	3,900.00	-
06/30/2020	-	-	-	-	28,300.00
07/15/2020	20,000.00	5.000%	3,900.00	23,900.00	-
01/15/2021	-	-	3,400.00	3,400.00	-
06/30/2021	-	-	-	-	27,300.00
07/15/2021	20,000.00	5.000%	3,400.00	23,400.00	-
01/15/2022	-	-	2,900.00	2,900.00	-
06/30/2022	-	-	-	-	26,300.00
07/15/2022	20,000.00	5.000%	2,900.00	22,900.00	-
01/15/2023	-	-	2,400.00	2,400.00	-
06/30/2023	-	-	-	-	25,300.00
07/15/2023	20,000.00	5.000%	2,400.00	22,400.00	-
01/15/2024	-	-	1,900.00	1,900.00	-
06/30/2024	-	-	-	-	24,300.00
07/15/2024	20,000.00	5.000%	1,900.00	21,900.00	-
01/15/2025	-	-	1,400.00	1,400.00	-
06/30/2025	-	-	-	-	23,300.00
07/15/2025	20,000.00	5.000%	1,400.00	21,400.00	-
01/15/2026	-	-	900.00	900.00	-
06/30/2026	-	-	-	-	22,300.00
07/15/2026	20,000.00	4.000%	900.00	20,900.00	-
01/15/2027	-	-	500.00	500.00	-
06/30/2027	-	-	-	-	21,400.00
07/15/2027	20,000.00	5.000%	500.00	20,500.00	-
06/30/2028	-	-	-	-	20,500.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$52,846.11</b>	<b>\$252,846.11</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,092.78
Average Life.....	5.464 Years
Average Coupon.....	4.8359430%
Net Interest Cost (NIC).....	1.7527910%
True Interest Cost (TIC).....	1.5689859%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5689859%

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Net Interest Cost.....	1.4571438%
Weighted Average Maturity.....	5.625 Years



**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$115,000 Dredging 2 (I) Dated July 28, 2017**  
**Ch. 44, s. 7(1), v. 4/25/16, art. 14**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	15,000.00	5.000%	5,445.97	20,445.97	-
01/15/2019	-	-	2,450.00	2,450.00	-
06/30/2019	-	-	-	-	22,895.97
07/15/2019	15,000.00	5.000%	2,450.00	17,450.00	-
01/15/2020	-	-	2,075.00	2,075.00	-
06/30/2020	-	-	-	-	19,525.00
07/15/2020	15,000.00	5.000%	2,075.00	17,075.00	-
01/15/2021	-	-	1,700.00	1,700.00	-
06/30/2021	-	-	-	-	18,775.00
07/15/2021	10,000.00	5.000%	1,700.00	11,700.00	-
01/15/2022	-	-	1,450.00	1,450.00	-
06/30/2022	-	-	-	-	13,150.00
07/15/2022	10,000.00	5.000%	1,450.00	11,450.00	-
01/15/2023	-	-	1,200.00	1,200.00	-
06/30/2023	-	-	-	-	12,650.00
07/15/2023	10,000.00	5.000%	1,200.00	11,200.00	-
01/15/2024	-	-	950.00	950.00	-
06/30/2024	-	-	-	-	12,150.00
07/15/2024	10,000.00	5.000%	950.00	10,950.00	-
01/15/2025	-	-	700.00	700.00	-
06/30/2025	-	-	-	-	11,650.00
07/15/2025	10,000.00	5.000%	700.00	10,700.00	-
01/15/2026	-	-	450.00	450.00	-
06/30/2026	-	-	-	-	11,150.00
07/15/2026	10,000.00	4.000%	450.00	10,450.00	-
01/15/2027	-	-	250.00	250.00	-
06/30/2027	-	-	-	-	10,700.00
07/15/2027	10,000.00	5.000%	250.00	10,250.00	-
06/30/2028	-	-	-	-	10,250.00
<b>Total</b>	<b>\$115,000.00</b>	<b>-</b>	<b>\$27,895.97</b>	<b>\$142,895.97</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$575.85
Average Life.....	5.007 Years
Average Coupon.....	4.8443353%
Net Interest Cost (NIC).....	1.7196089%
True Interest Cost (TIC).....	1.5424431%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5424431%

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Net Interest Cost.....	1.4365139%
Weighted Average Maturity.....	5.183 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$350,000 School Building Security 1 (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/26/16, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	90,000.00	5.000%	16,868.06	106,868.06	-
01/15/2019	-	-	6,500.00	6,500.00	-
06/30/2019	-	-	-	-	113,368.06
07/15/2019	90,000.00	5.000%	6,500.00	96,500.00	-
01/15/2020	-	-	4,250.00	4,250.00	-
06/30/2020	-	-	-	-	100,750.00
07/15/2020	85,000.00	5.000%	4,250.00	89,250.00	-
01/15/2021	-	-	2,125.00	2,125.00	-
06/30/2021	-	-	-	-	91,375.00
07/15/2021	85,000.00	5.000%	2,125.00	87,125.00	-
06/30/2022	-	-	-	-	87,125.00
<b>Total</b>	<b>\$350,000.00</b>	<b>-</b>	<b>\$42,618.06</b>	<b>\$392,618.06</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$852.36
Average Life.....	2.435 Years
Average Coupon.....	5.0000005%
Net Interest Cost (NIC).....	1.1844111%
True Interest Cost (TIC).....	1.1062664%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1062664%

**IRS Form 8038**

Net Interest Cost.....	1.0658510%
Weighted Average Maturity.....	2.476 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$200,000 School Building Security 2 (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	50,000.00	5.000%	9,638.89	59,638.89	-
01/15/2019	-	-	3,750.00	3,750.00	-
06/30/2019	-	-	-	-	63,388.89
07/15/2019	50,000.00	5.000%	3,750.00	53,750.00	-
01/15/2020	-	-	2,500.00	2,500.00	-
06/30/2020	-	-	-	-	56,250.00
07/15/2020	50,000.00	5.000%	2,500.00	52,500.00	-
01/15/2021	-	-	1,250.00	1,250.00	-
06/30/2021	-	-	-	-	53,750.00
07/15/2021	50,000.00	5.000%	1,250.00	51,250.00	-
06/30/2022	-	-	-	-	51,250.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$24,638.89</b>	<b>\$224,638.89</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$492.78
Average Life.....	2.464 Years
Average Coupon.....	5.0000002%
Net Interest Cost (NIC).....	1.1872268%
True Interest Cost (TIC).....	1.1085419%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1085419%

**IRS Form 8038**

Net Interest Cost.....	1.0676034%
Weighted Average Maturity.....	2.505 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$1,039,500 Spring Street Water Mains (O) Dated July 28, 2017**  
Ch. 44, s. 8(5), v. 10/25/16, art. 10

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	119,500.00	5.000%	49,134.24	168,634.24	-
01/15/2019	-	-	22,500.00	22,500.00	-
06/30/2019	-	-	-	-	191,134.24
07/15/2019	120,000.00	5.000%	22,500.00	142,500.00	-
01/15/2020	-	-	19,500.00	19,500.00	-
06/30/2020	-	-	-	-	162,000.00
07/15/2020	100,000.00	5.000%	19,500.00	119,500.00	-
01/15/2021	-	-	17,000.00	17,000.00	-
06/30/2021	-	-	-	-	136,500.00
07/15/2021	100,000.00	5.000%	17,000.00	117,000.00	-
01/15/2022	-	-	14,500.00	14,500.00	-
06/30/2022	-	-	-	-	131,500.00
07/15/2022	100,000.00	5.000%	14,500.00	114,500.00	-
01/15/2023	-	-	12,000.00	12,000.00	-
06/30/2023	-	-	-	-	126,500.00
07/15/2023	100,000.00	5.000%	12,000.00	112,000.00	-
01/15/2024	-	-	9,500.00	9,500.00	-
06/30/2024	-	-	-	-	121,500.00
07/15/2024	100,000.00	5.000%	9,500.00	109,500.00	-
01/15/2025	-	-	7,000.00	7,000.00	-
06/30/2025	-	-	-	-	116,500.00
07/15/2025	100,000.00	5.000%	7,000.00	107,000.00	-
01/15/2026	-	-	4,500.00	4,500.00	-
06/30/2026	-	-	-	-	111,500.00
07/15/2026	100,000.00	4.000%	4,500.00	104,500.00	-
01/15/2027	-	-	2,500.00	2,500.00	-
06/30/2027	-	-	-	-	107,000.00
07/15/2027	100,000.00	5.000%	2,500.00	102,500.00	-
06/30/2028	-	-	-	-	102,500.00
<b>Total</b>	<b>\$1,039,500.00</b>	<b>-</b>	<b>\$267,134.24</b>	<b>\$1,306,634.24</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$5,521.96
Average Life.....	5.312 Years
Average Coupon.....	4.8376685%
Net Interest Cost (NIC).....	1.7451270%
True Interest Cost (TIC).....	1.5628759%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5628759%

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Net Interest Cost.....	1.4525249%
Weighted Average Maturity.....	5.482 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$60,000 School Feasibility Study (I) Dated July 28, 2017**  
Ch. 44, s. 7(7), v. 10/24/16, art. 12

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	15,000.00	5.000%	2,891.67	17,891.67	-
01/15/2019	-	-	1,125.00	1,125.00	-
06/30/2019	-	-	-	-	19,016.67
07/15/2019	15,000.00	5.000%	1,125.00	16,125.00	-
01/15/2020	-	-	750.00	750.00	-
06/30/2020	-	-	-	-	16,875.00
07/15/2020	15,000.00	5.000%	750.00	15,750.00	-
01/15/2021	-	-	375.00	375.00	-
06/30/2021	-	-	-	-	16,125.00
07/15/2021	15,000.00	5.000%	375.00	15,375.00	-
06/30/2022	-	-	-	-	15,375.00
<b>Total</b>	<b>\$60,000.00</b>	<b>-</b>	<b>\$7,391.67</b>	<b>\$67,391.67</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$147.83
Average Life.....	2.464 Years
Average Coupon.....	5.0000023%
Net Interest Cost (NIC).....	1.1872289%
True Interest Cost (TIC).....	1.1085438%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1085438%

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Net Interest Cost.....	1.0676053%
Weighted Average Maturity.....	2.505 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$200,000 Roads (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	20,000.00	5.000%	9,446.11	29,446.11	-
01/15/2019	-	-	4,400.00	4,400.00	-
06/30/2019	-	-	-	-	33,846.11
07/15/2019	20,000.00	5.000%	4,400.00	24,400.00	-
01/15/2020	-	-	3,900.00	3,900.00	-
06/30/2020	-	-	-	-	28,300.00
07/15/2020	20,000.00	5.000%	3,900.00	23,900.00	-
01/15/2021	-	-	3,400.00	3,400.00	-
06/30/2021	-	-	-	-	27,300.00
07/15/2021	20,000.00	5.000%	3,400.00	23,400.00	-
01/15/2022	-	-	2,900.00	2,900.00	-
06/30/2022	-	-	-	-	26,300.00
07/15/2022	20,000.00	5.000%	2,900.00	22,900.00	-
01/15/2023	-	-	2,400.00	2,400.00	-
06/30/2023	-	-	-	-	25,300.00
07/15/2023	20,000.00	5.000%	2,400.00	22,400.00	-
01/15/2024	-	-	1,900.00	1,900.00	-
06/30/2024	-	-	-	-	24,300.00
07/15/2024	20,000.00	5.000%	1,900.00	21,900.00	-
01/15/2025	-	-	1,400.00	1,400.00	-
06/30/2025	-	-	-	-	23,300.00
07/15/2025	20,000.00	5.000%	1,400.00	21,400.00	-
01/15/2026	-	-	900.00	900.00	-
06/30/2026	-	-	-	-	22,300.00
07/15/2026	20,000.00	4.000%	900.00	20,900.00	-
01/15/2027	-	-	500.00	500.00	-
06/30/2027	-	-	-	-	21,400.00
07/15/2027	20,000.00	5.000%	500.00	20,500.00	-
06/30/2028	-	-	-	-	20,500.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$52,846.11</b>	<b>\$252,846.11</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,092.78
Average Life.....	5.464 Years
Average Coupon.....	4.8359430%
Net Interest Cost (NIC).....	1.7527910%
True Interest Cost (TIC).....	1.5689859%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.5689859%

**IRS Form 8038**

Net Interest Cost.....	1.4571438%
Weighted Average Maturity.....	5.625 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$70,000 Bridge Repair (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	10,000.00	5.000%	3,325.42	13,325.42	-
01/15/2019	-	-	1,475.00	1,475.00	-
06/30/2019	-	-	-	-	14,800.42
07/15/2019	10,000.00	5.000%	1,475.00	11,475.00	-
01/15/2020	-	-	1,225.00	1,225.00	-
06/30/2020	-	-	-	-	12,700.00
07/15/2020	10,000.00	5.000%	1,225.00	11,225.00	-
01/15/2021	-	-	975.00	975.00	-
06/30/2021	-	-	-	-	12,200.00
07/15/2021	10,000.00	5.000%	975.00	10,975.00	-
01/15/2022	-	-	725.00	725.00	-
06/30/2022	-	-	-	-	11,700.00
07/15/2022	10,000.00	5.000%	725.00	10,725.00	-
01/15/2023	-	-	475.00	475.00	-
06/30/2023	-	-	-	-	11,200.00
07/15/2023	5,000.00	5.000%	475.00	5,475.00	-
01/15/2024	-	-	350.00	350.00	-
06/30/2024	-	-	-	-	5,825.00
07/15/2024	5,000.00	5.000%	350.00	5,350.00	-
01/15/2025	-	-	225.00	225.00	-
06/30/2025	-	-	-	-	5,575.00
07/15/2025	5,000.00	5.000%	225.00	5,225.00	-
01/15/2026	-	-	100.00	100.00	-
06/30/2026	-	-	-	-	5,325.00
07/15/2026	5,000.00	4.000%	100.00	5,100.00	-
06/30/2027	-	-	-	-	5,100.00
<b>Total</b>	<b>\$70,000.00</b>	<b>-</b>	<b>\$14,425.42</b>	<b>\$84,425.42</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$297.47
Average Life.....	4.250 Years
Average Coupon.....	4.8493335%
Net Interest Cost (NIC).....	1.5468738%
True Interest Cost (TIC).....	1.4031309%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.4031309%

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Net Interest Cost.....	1.3176234%
Weighted Average Maturity.....	4.375 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$30,000 Land Acquisition (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	5,000.00	5.000%	1,445.83	6,445.83	-
01/15/2019	-	-	625.00	625.00	-
06/30/2019	-	-	-	-	7,070.83
07/15/2019	5,000.00	5.000%	625.00	5,625.00	-
01/15/2020	-	-	500.00	500.00	-
06/30/2020	-	-	-	-	6,125.00
07/15/2020	5,000.00	5.000%	500.00	5,500.00	-
01/15/2021	-	-	375.00	375.00	-
06/30/2021	-	-	-	-	5,875.00
07/15/2021	5,000.00	5.000%	375.00	5,375.00	-
01/15/2022	-	-	250.00	250.00	-
06/30/2022	-	-	-	-	5,625.00
07/15/2022	5,000.00	5.000%	250.00	5,250.00	-
01/15/2023	-	-	125.00	125.00	-
06/30/2023	-	-	-	-	5,375.00
07/15/2023	5,000.00	5.000%	125.00	5,125.00	-
06/30/2024	-	-	-	-	5,125.00
<b>Total</b>	<b>\$30,000.00</b>	<b>-</b>	<b>\$5,195.83</b>	<b>\$35,195.83</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$103.92
Average Life.....	3.464 Years
Average Coupon.....	4.9999968%
Net Interest Cost (NIC).....	1.3603015%
True Interest Cost (TIC).....	1.2465365%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.2465365%

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Net Interest Cost.....	1.1789330%
Weighted Average Maturity.....	3.549 Years



**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$255,000 Ambulance (I) Dated July 28, 2017**  
**Ch. 44, s. 7(1), v. 4/26/16, art. 4**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	65,000.00	5.000%	12,289.58	77,289.58	-
01/15/2019	-	-	4,750.00	4,750.00	-
06/30/2019	-	-	-	-	82,039.58
07/15/2019	65,000.00	5.000%	4,750.00	69,750.00	-
01/15/2020	-	-	3,125.00	3,125.00	-
06/30/2020	-	-	-	-	72,875.00
07/15/2020	65,000.00	5.000%	3,125.00	68,125.00	-
01/15/2021	-	-	1,500.00	1,500.00	-
06/30/2021	-	-	-	-	69,625.00
07/15/2021	60,000.00	5.000%	1,500.00	61,500.00	-
06/30/2022	-	-	-	-	61,500.00
<b>Total</b>	<b>\$255,000.00</b>	<b>-</b>	<b>\$31,039.58</b>	<b>\$286,039.58</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$620.79
Average Life.....	2.434 Years
Average Coupon.....	4.9999995%
Net Interest Cost (NIC).....	1.1832842%
True Interest Cost (TIC).....	1.1053652%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1053652%

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Net Interest Cost.....	1.0651036%
Weighted Average Maturity.....	2.475 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$35,000 Security Camera (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	10,000.00	5.000%	1,686.81	11,686.81	-
01/15/2019	-	-	625.00	625.00	-
06/30/2019	-	-	-	-	12,311.81
07/15/2019	10,000.00	5.000%	625.00	10,625.00	-
01/15/2020	-	-	375.00	375.00	-
06/30/2020	-	-	-	-	11,000.00
07/15/2020	10,000.00	5.000%	375.00	10,375.00	-
01/15/2021	-	-	125.00	125.00	-
06/30/2021	-	-	-	-	10,500.00
07/15/2021	5,000.00	5.000%	125.00	5,125.00	-
06/30/2022	-	-	-	-	5,125.00
<b>Total</b>	<b>\$35,000.00</b>	<b>-</b>	<b>\$3,936.81</b>	<b>\$38,936.81</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$78.74
Average Life.....	2.250 Years
Average Coupon.....	5.0000056%
Net Interest Cost (NIC).....	1.1561531%
True Interest Cost (TIC).....	1.0834560%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.0834560%

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Net Interest Cost.....	1.0477699%
Weighted Average Maturity.....	2.285 Years

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## Town of Marshfield, Massachusetts

\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds

\$76,200 DPW Truck with Plow & Sander (I) Dated July 28, 2017

Ch. 44, s. 7(1), v. 4/26/16, art. 4

### Debt Service Schedule

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Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	21,200.00	5.000%	3,672.42	24,872.42	-
01/15/2019	-	-	1,375.00	1,375.00	-
06/30/2019	-	-	-	-	26,247.42
07/15/2019	20,000.00	5.000%	1,375.00	21,375.00	-
01/15/2020	-	-	875.00	875.00	-
06/30/2020	-	-	-	-	22,250.00
07/15/2020	20,000.00	5.000%	875.00	20,875.00	-
01/15/2021	-	-	375.00	375.00	-
06/30/2021	-	-	-	-	21,250.00
07/15/2021	15,000.00	5.000%	375.00	15,375.00	-
06/30/2022	-	-	-	-	15,375.00
<b>Total</b>	<b>\$76,200.00</b>	<b>-</b>	<b>\$8,922.42</b>	<b>\$85,122.42</b>	<b>-</b>

#### Yield Statistics

Bond Year Dollars.....	\$178.45
Average Life.....	2.342 Years
Average Coupon.....	5.0000019%
Net Interest Cost (NIC).....	1.1718350%
True Interest Cost (TIC).....	1.0960988%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.0960988%

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Net Interest Cost.....	1.0578236%
Weighted Average Maturity.....	2.381 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$95,000 DPW Deck Mower (I) Dated July 28, 2017**  
Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	25,000.00	5.000%	4,578.47	29,578.47	-
01/15/2019	-	-	1,750.00	1,750.00	-
06/30/2019	-	-	-	-	31,328.47
07/15/2019	25,000.00	5.000%	1,750.00	26,750.00	-
01/15/2020	-	-	1,125.00	1,125.00	-
06/30/2020	-	-	-	-	27,875.00
07/15/2020	25,000.00	5.000%	1,125.00	26,125.00	-
01/15/2021	-	-	500.00	500.00	-
06/30/2021	-	-	-	-	26,625.00
07/15/2021	20,000.00	5.000%	500.00	20,500.00	-
06/30/2022	-	-	-	-	20,500.00
<b>Total</b>	<b>\$95,000.00</b>	<b>-</b>	<b>\$11,328.47</b>	<b>\$106,328.47</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$226.57
Average Life.....	2.385 Years
Average Coupon.....	4.9999990%
Net Interest Cost (NIC).....	1.1764252%
True Interest Cost (TIC).....	1.0998344%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.0998344%

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Net Interest Cost.....	1.0607431%
Weighted Average Maturity.....	2.424 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$136,800 Fire Equipment (I) Dated July 28, 2017**  
 Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	36,800.00	5.000%	6,593.00	43,393.00	-
01/15/2019	-	-	2,500.00	2,500.00	-
06/30/2019	-	-	-	-	45,893.00
07/15/2019	35,000.00	5.000%	2,500.00	37,500.00	-
01/15/2020	-	-	1,625.00	1,625.00	-
06/30/2020	-	-	-	-	39,125.00
07/15/2020	35,000.00	5.000%	1,625.00	36,625.00	-
01/15/2021	-	-	750.00	750.00	-
06/30/2021	-	-	-	-	37,375.00
07/15/2021	30,000.00	5.000%	750.00	30,750.00	-
06/30/2022	-	-	-	-	30,750.00
<b>Total</b>	<b>\$136,800.00</b>	<b>-</b>	<b>\$16,343.00</b>	<b>\$153,143.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$326.86
Average Life.....	2.389 Years
Average Coupon.....	5.0000000%
Net Interest Cost (NIC).....	1.1783638%
True Interest Cost (TIC).....	1.1013723%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.1013723%

**IRS Form 8038**

Net Interest Cost.....	1.0619824%
Weighted Average Maturity.....	2.429 Years

**Town of Marshfield, Massachusetts**  
**\$7,697,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$57,000 Senior Citizen Handicap Bus (I) Dated July 28, 2017**  
 Ch. 44, s. 7(1), v. 4/24/17, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/28/2017	-	-	-	-	-
07/15/2018	17,000.00	5.000%	2,747.08	19,747.08	-
01/15/2019	-	-	1,000.00	1,000.00	-
06/30/2019	-	-	-	-	20,747.08
07/15/2019	15,000.00	5.000%	1,000.00	16,000.00	-
01/15/2020	-	-	625.00	625.00	-
06/30/2020	-	-	-	-	16,625.00
07/15/2020	15,000.00	5.000%	625.00	15,625.00	-
01/15/2021	-	-	250.00	250.00	-
06/30/2021	-	-	-	-	15,875.00
07/15/2021	10,000.00	5.000%	250.00	10,250.00	-
06/30/2022	-	-	-	-	10,250.00
<b>Total</b>	<b>\$57,000.00</b>	<b>-</b>	<b>\$6,497.08</b>	<b>\$63,497.08</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$129.94
Average Life.....	2.280 Years
Average Coupon.....	4.9999974%
Net Interest Cost (NIC).....	1.1645456%
True Interest Cost (TIC).....	1.0901698%
Bond Yield for Arbitrage Purposes.....	1.5073883%
All Inclusive Cost (AIC).....	1.0901698%

**IRS Form 8038**

Net Interest Cost.....	1.0531694%
Weighted Average Maturity.....	2.318 Years

**Town of Marshfield, Massachusetts**  
 \$2,792,000 General Obligation Municipal Purpose Loan of 2018 Bonds  
 \$475,000 Harbormaster Building (I) Dated July 26, 2018  
 Ch. 44, s. 7(1), v. 10/24/16, art. 4

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/26/2018	-	-	-	-	-
07/15/2019	25,000.00	3.000%	16,535.09	41,535.09	-
01/15/2020	-	-	8,153.13	8,153.13	-
06/30/2020	-	-	-	-	49,688.22
07/15/2020	25,000.00	3.000%	8,153.13	33,153.13	-
01/15/2021	-	-	7,778.13	7,778.13	-
06/30/2021	-	-	-	-	40,931.26
07/15/2021	25,000.00	3.000%	7,778.13	32,778.13	-
01/15/2022	-	-	7,403.13	7,403.13	-
06/30/2022	-	-	-	-	40,181.26
07/15/2022	25,000.00	3.000%	7,403.13	32,403.13	-
01/15/2023	-	-	7,028.13	7,028.13	-
06/30/2023	-	-	-	-	39,431.26
07/15/2023	25,000.00	5.000%	7,028.13	32,028.13	-
01/15/2024	-	-	6,403.13	6,403.13	-
06/30/2024	-	-	-	-	38,431.26
07/15/2024	25,000.00	5.000%	6,403.13	31,403.13	-
01/15/2025	-	-	5,778.13	5,778.13	-
06/30/2025	-	-	-	-	37,181.26
07/15/2025	25,000.00	5.000%	5,778.13	30,778.13	-
01/15/2026	-	-	5,153.13	5,153.13	-
06/30/2026	-	-	-	-	35,931.26
07/15/2026	25,000.00	5.000%	5,153.13	30,153.13	-
01/15/2027	-	-	4,528.13	4,528.13	-
06/30/2027	-	-	-	-	34,681.26
07/15/2027	25,000.00	5.000%	4,528.13	29,528.13	-
01/15/2028	-	-	3,903.13	3,903.13	-
06/30/2028	-	-	-	-	33,431.26
07/15/2028	25,000.00	3.000%	3,903.13	28,903.13	-
01/15/2029	-	-	3,528.13	3,528.13	-
06/30/2029	-	-	-	-	32,431.26
07/15/2029	25,000.00	3.000%	3,528.13	28,528.13	-
01/15/2030	-	-	3,153.13	3,153.13	-
06/30/2030	-	-	-	-	31,681.26
07/15/2030	25,000.00	3.000%	3,153.13	28,153.13	-
01/15/2031	-	-	2,778.13	2,778.13	-
06/30/2031	-	-	-	-	30,931.26
07/15/2031	25,000.00	3.000%	2,778.13	27,778.13	-
01/15/2032	-	-	2,403.13	2,403.13	-
06/30/2032	-	-	-	-	30,181.26
07/15/2032	25,000.00	3.000%	2,403.13	27,403.13	-
01/15/2033	-	-	2,028.13	2,028.13	-
06/30/2033	-	-	-	-	29,431.26
07/15/2033	25,000.00	3.125%	2,028.13	27,028.13	-
01/15/2034	-	-	1,637.50	1,637.50	-
06/30/2034	-	-	-	-	28,665.63
07/15/2034	20,000.00	3.125%	1,637.50	21,637.50	-
01/15/2035	-	-	1,325.00	1,325.00	-
06/30/2035	-	-	-	-	22,962.50
07/15/2035	20,000.00	3.250%	1,325.00	21,325.00	-
01/15/2036	-	-	1,000.00	1,000.00	-
06/30/2036	-	-	-	-	22,325.00
07/15/2036	20,000.00	3.250%	1,000.00	21,000.00	-
01/15/2037	-	-	675.00	675.00	-
06/30/2037	-	-	-	-	21,675.00
07/15/2037	20,000.00	3.375%	675.00	20,675.00	-
01/15/2038	-	-	337.50	337.50	-
06/30/2038	-	-	-	-	21,012.50
07/15/2038	20,000.00	3.375%	337.50	20,337.50	-
06/30/2039	-	-	-	-	20,337.50
<b>Total</b>	<b>\$475,000.00</b>	<b>-</b>	<b>\$166,522.73</b>	<b>\$641,522.73</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$4,785.49
Average Life.....	10.075 Years
Average Coupon.....	3.4797453%
Net Interest Cost (NIC).....	3.0749208%
True Interest Cost (TIC).....	3.0077623%
Bond Yield for Arbitrage Purposes.....	2.8953946%
All Inclusive Cost (AIC).....	3.0077623%
<b>IRS Form 8038</b>	
Net Interest Cost.....	2.8610721%
Weighted Average Maturity.....	9.884 Years

**Town of Marshfield, Massachusetts**  
 \$2,792,000 General Obligation Municipal Purpose Loan of 2018 Bonds  
 \$1,700,000 Foster Ave Seawalls (I) Dated July 26, 2018  
 Ch. 44, s. 7(1), v. 10/24/16, art. 8

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/26/2018	-	-	-	-	-
07/15/2019	85,000.00	3.000%	58,917.99	143,917.99	-
01/15/2020	-	-	29,112.50	29,112.50	-
06/30/2020	-	-	-	-	173,030.49
07/15/2020	85,000.00	3.000%	29,112.50	114,112.50	-
01/15/2021	-	-	27,837.50	27,837.50	-
06/30/2021	-	-	-	-	141,950.00
07/15/2021	85,000.00	3.000%	27,837.50	112,837.50	-
01/15/2022	-	-	26,562.50	26,562.50	-
06/30/2022	-	-	-	-	139,400.00
07/15/2022	85,000.00	3.000%	26,562.50	111,562.50	-
01/15/2023	-	-	25,287.50	25,287.50	-
06/30/2023	-	-	-	-	136,850.00
07/15/2023	85,000.00	5.000%	25,287.50	110,287.50	-
01/15/2024	-	-	23,162.50	23,162.50	-
06/30/2024	-	-	-	-	133,450.00
07/15/2024	85,000.00	5.000%	23,162.50	108,162.50	-
01/15/2025	-	-	21,037.50	21,037.50	-
06/30/2025	-	-	-	-	129,200.00
07/15/2025	85,000.00	5.000%	21,037.50	106,037.50	-
01/15/2026	-	-	18,912.50	18,912.50	-
06/30/2026	-	-	-	-	124,950.00
07/15/2026	85,000.00	5.000%	18,912.50	103,912.50	-
01/15/2027	-	-	16,787.50	16,787.50	-
06/30/2027	-	-	-	-	120,700.00
07/15/2027	85,000.00	5.000%	16,787.50	101,787.50	-
01/15/2028	-	-	14,662.50	14,662.50	-
06/30/2028	-	-	-	-	116,450.00
07/15/2028	85,000.00	3.000%	14,662.50	99,662.50	-
01/15/2029	-	-	13,387.50	13,387.50	-
06/30/2029	-	-	-	-	113,050.00
07/15/2029	85,000.00	3.000%	13,387.50	98,387.50	-
01/15/2030	-	-	12,112.50	12,112.50	-
06/30/2030	-	-	-	-	110,500.00
07/15/2030	85,000.00	3.000%	12,112.50	97,112.50	-
01/15/2031	-	-	10,837.50	10,837.50	-
06/30/2031	-	-	-	-	107,950.00
07/15/2031	85,000.00	3.000%	10,837.50	95,837.50	-
01/15/2032	-	-	9,562.50	9,562.50	-
06/30/2032	-	-	-	-	105,400.00
07/15/2032	85,000.00	3.000%	9,562.50	94,562.50	-
01/15/2033	-	-	8,287.50	8,287.50	-
06/30/2033	-	-	-	-	102,850.00
07/15/2033	85,000.00	3.125%	8,287.50	93,287.50	-
01/15/2034	-	-	6,959.38	6,959.38	-
06/30/2034	-	-	-	-	100,246.88
07/15/2034	85,000.00	3.125%	6,959.38	91,959.38	-
01/15/2035	-	-	5,631.25	5,631.25	-
06/30/2035	-	-	-	-	97,590.63
07/15/2035	85,000.00	3.250%	5,631.25	90,631.25	-
01/15/2036	-	-	4,250.00	4,250.00	-
06/30/2036	-	-	-	-	94,881.25
07/15/2036	85,000.00	3.250%	4,250.00	89,250.00	-
01/15/2037	-	-	2,868.75	2,868.75	-
06/30/2037	-	-	-	-	92,118.75
07/15/2037	85,000.00	3.375%	2,868.75	87,868.75	-
01/15/2038	-	-	1,434.38	1,434.38	-
06/30/2038	-	-	-	-	89,303.13
07/15/2038	85,000.00	3.375%	1,434.38	86,434.38	-
06/30/2039	-	-	-	-	86,434.38
<b>Total</b>	<b>\$1,700,000.00</b>	<b>-</b>	<b>\$616,305.51</b>	<b>\$2,316,305.51</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$17,798.06
Average Life.....	10.469 Years
Average Coupon.....	3.4627688%
Net Interest Cost (NIC).....	3.1031912%
True Interest Cost (TIC).....	3.0416776%
Bond Yield for Arbitrage Purposes.....	2.8953946%
All Inclusive Cost (AIC).....	3.0416776%

**IRS Form 8038**

Net Interest Cost.....	2.9031076%
Weighted Average Maturity.....	10.265 Years



**Town of Marshfield, Massachusetts**  
 \$2,792,000 General Obligation Municipal Purpose Loan of 2018 Bonds  
 \$617,000 Seawall Repairs (I) Dated July 26, 2018  
 Ch. 44, s. 7(1), v. 10/16/17, art. 12

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
07/26/2018	-	-	-	-	-
07/15/2019	37,000.00	3.000%	21,289.00	58,289.00	-
01/15/2020	-	-	10,425.00	10,425.00	-
06/30/2020	-	-	-	-	68,714.00
07/15/2020	35,000.00	3.000%	10,425.00	45,425.00	-
01/15/2021	-	-	9,900.00	9,900.00	-
06/30/2021	-	-	-	-	55,325.00
07/15/2021	35,000.00	3.000%	9,900.00	44,900.00	-
01/15/2022	-	-	9,375.00	9,375.00	-
06/30/2022	-	-	-	-	54,275.00
07/15/2022	30,000.00	3.000%	9,375.00	39,375.00	-
01/15/2023	-	-	8,925.00	8,925.00	-
06/30/2023	-	-	-	-	48,300.00
07/15/2023	30,000.00	5.000%	8,925.00	38,925.00	-
01/15/2024	-	-	8,175.00	8,175.00	-
06/30/2024	-	-	-	-	47,100.00
07/15/2024	30,000.00	5.000%	8,175.00	38,175.00	-
01/15/2025	-	-	7,425.00	7,425.00	-
06/30/2025	-	-	-	-	45,600.00
07/15/2025	30,000.00	5.000%	7,425.00	37,425.00	-
01/15/2026	-	-	6,675.00	6,675.00	-
06/30/2026	-	-	-	-	44,100.00
07/15/2026	30,000.00	5.000%	6,675.00	36,675.00	-
01/15/2027	-	-	5,925.00	5,925.00	-
06/30/2027	-	-	-	-	42,600.00
07/15/2027	30,000.00	5.000%	5,925.00	35,925.00	-
01/15/2028	-	-	5,175.00	5,175.00	-
06/30/2028	-	-	-	-	41,100.00
07/15/2028	30,000.00	3.000%	5,175.00	35,175.00	-
01/15/2029	-	-	4,725.00	4,725.00	-
06/30/2029	-	-	-	-	39,900.00
07/15/2029	30,000.00	3.000%	4,725.00	34,725.00	-
01/15/2030	-	-	4,275.00	4,275.00	-
06/30/2030	-	-	-	-	39,000.00
07/15/2030	30,000.00	3.000%	4,275.00	34,275.00	-
01/15/2031	-	-	3,825.00	3,825.00	-
06/30/2031	-	-	-	-	38,100.00
07/15/2031	30,000.00	3.000%	3,825.00	33,825.00	-
01/15/2032	-	-	3,375.00	3,375.00	-
06/30/2032	-	-	-	-	37,200.00
07/15/2032	30,000.00	3.000%	3,375.00	33,375.00	-
01/15/2033	-	-	2,925.00	2,925.00	-
06/30/2033	-	-	-	-	36,300.00
07/15/2033	30,000.00	3.125%	2,925.00	32,925.00	-
01/15/2034	-	-	2,456.25	2,456.25	-
06/30/2034	-	-	-	-	35,381.25
07/15/2034	30,000.00	3.125%	2,456.25	32,456.25	-
01/15/2035	-	-	1,987.50	1,987.50	-
06/30/2035	-	-	-	-	34,443.75
07/15/2035	30,000.00	3.250%	1,987.50	31,987.50	-
01/15/2036	-	-	1,500.00	1,500.00	-
06/30/2036	-	-	-	-	33,487.50
07/15/2036	30,000.00	3.250%	1,500.00	31,500.00	-
01/15/2037	-	-	1,012.50	1,012.50	-
06/30/2037	-	-	-	-	32,512.50
07/15/2037	30,000.00	3.375%	1,012.50	31,012.50	-
01/15/2038	-	-	506.25	506.25	-
06/30/2038	-	-	-	-	31,518.75
07/15/2038	30,000.00	3.375%	506.25	30,506.25	-
06/30/2039	-	-	-	-	30,506.25
<b>Total</b>	<b>\$617,000.00</b>	<b>-</b>	<b>\$218,464.00</b>	<b>\$835,464.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$6,313.15
Average Life.....	10.232 Years
Average Coupon.....	3.4604610%
Net Interest Cost (NIC).....	3.0993011%
True Interest Cost (TIC).....	3.0373299%
Bond Yield for Arbitrage Purposes.....	2.8953946%
All Inclusive Cost (AIC).....	3.0373299%
<b>IRS Form 8038</b>	
Net Interest Cost.....	2.8967332%
Weighted Average Maturity.....	10.039 Years

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**Town of Marshfield, Massachusetts**  
Short-Term Debt Which Matured During FY 2019

**Aggregate Interest Payments**

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Date	Issue	Interest
07/27/2018	July 28, 2017 \$8,426,800 BAN, Series A : Furnace Brook Middle School	84,799.79
	July 28, 2017 \$8,426,800 BAN, Series A : Sewer	39,888.88
	July 28, 2017 \$8,426,800 BAN, Series A : Seawalls	33,905.56
	July 28, 2017 \$8,426,800 BAN, Series A : Harbormaster Building	9,473.61
	July 28, 2017 \$1,750,000 BAN, Series B : High School	3,186.13
	April 30, 2018 \$2,117,625 BAN : Seawalls	2,686.67
	April 30, 2018 \$2,117,625 BAN : Emergency Seawall Maintenance	6,525.00
<b>Subtotal</b>		<b>\$180,465.64</b>
<b>Total</b>		<b>\$180,465.64</b>

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**Town of Marshfield, Massachusetts**  
Short-Term Debt Outstanding as of June 30, 2019

**Aggregate Debt Service**

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Date	Principal	Interest	Total P+I
06/30/2019	-	-	-
06/30/2020	14,353,107.00	339,320.34	14,692,427.34
<b>Total</b>	<b>\$14,353,107.00</b>	<b>\$339,320.34</b>	<b>\$14,692,427.34</b>

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**Par Amounts Of Selected Issues**

July 27 2018 BAN.....	10,955,764.00
June 7 2019 BAN.....	3,397,343.00
<b>TOTAL.....</b>	<b>14,353,107.00</b>

# Town of Marshfield, Massachusetts

\$10,955,764 General Obligation Bond Anticipation Notes

**Sale Date:** 7/11/2018  
**Dated Date:** 7/27/2018  
**Delivery Date:** 7/27/2018  
**Due Date:** 7/26/2019  
**Days Per Year:** 360  
**Day Count:** 359  
**Bank Qualified:** No  
**Rating:** SP-1+



Bidder	Underwriter	Principal	Coupon Rate	Premium	Interest	Net Interest	NIC	Prorata Premium	Prorata Interest	Award	Reoffering Yield
J.P. Morgan Securities LLC	•	\$10,955,764	3.00%	\$147,135.91	\$327,759.94	\$180,624.03	1.6533%	\$147,135.91	\$327,759.94	\$10,955,764	1.60%
Jefferies LLC	•	\$10,955,764	2.75%	\$110,216.00	\$300,446.61	\$190,230.61	1.7412%				
TD Securities	•	\$10,955,764	3.00%	\$135,851.47	\$327,759.94	\$191,908.47	1.7565%				
Eastern Bank	•	\$5,001,764	3.00%	\$60,253.47	\$149,636.11	\$89,382.64	1.7920%				
Oppenheimer & Co., Inc.	•	\$10,955,764	2.75%	\$103,267.00	\$300,446.61	\$197,179.61	1.8048%				
Award Totals								\$147,135.91	\$327,759.94	\$10,955,764	

Weighted Average Net Interest Cost: 1.6533%

**MUNICIPAL PURPOSE LOAN**

Town of Marshfield, Massachusetts

**\$10,955,764** General Obligation Bond Anticipation Notes

Sale Date: 7/11/2018  
 Dated Date: 7/27/2018  
 Delivery Date: 7/27/2018  
 Due Date: 7/26/2019  
 Bank Qualification: No



<u>Purpose</u>	<u>Vote Date(s)</u>	<u>Reference</u>	<u>Amount Authorized</u>	<u>Previous Issues</u>	<u>Bonds, Grants, and/or Paydowns</u>	<u>Renewal This Issue</u>	<u>New This Issue</u>	<u>Total This Issue</u>	<u>Balance Unissued</u>	<u>Original Issue Date</u>	<u>Prorata Interest</u>	<u>Prorata Premium</u>
Sewer- UV Disinfection Facility	4/26/2016	Ch.44, s.7 (1)	\$2,000,000	\$2,000,000	\$0	\$2,000,000	\$0	\$2,000,000	\$0	5/26/2017	\$59,833.33	\$26,860.00
Furnace Brook Middle School	4/24/2017 & 4/29/2017	Ch.70B	\$8,503,235	\$4,251,800	\$0	\$4,251,800	\$0	\$4,251,800	\$4,251,435	7/28/2017	\$127,199.68	\$57,101.67
Emergency Seawall Maintenance	4/2/2018	Ch.44, s.8(9)	\$1,500,000	\$1,500,000	\$0	\$1,500,000	\$0	\$1,500,000	\$0	4/30/2018	\$44,875.00	\$20,145.00
Fire Pump/Aerial Replacement	4/23/2018	Ch. 44, s. 7(1)	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$1,200,000	\$0	7/27/2018	\$35,900.00	\$16,116.00
Police Public Safety Communication Replacement	4/23/2018	Ch. 44, s. 7(1)	\$698,964	\$0	\$0	\$0	\$698,964	\$698,964	\$0	7/27/2018	\$20,910.67	\$9,387.09
Ambulance	4/23/2018	Ch. 44, s. 7(1)	\$305,000	\$0	\$0	\$0	\$305,000	\$305,000	\$0	7/27/2018	\$9,124.58	\$4,096.15
Seawall Repairs (Ocean Street)	5/22/2018	Ch. 44, s. 7(1)	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	7/27/2018	\$29,916.67	\$13,430.00
<b>Totals</b>			<b>\$15,207,199</b>	<b>\$7,751,800</b>	<b>\$0</b>	<b>\$7,751,800</b>	<b>\$3,203,964</b>	<b>\$10,955,764</b>	<b>\$4,251,435</b>		<b>\$327,759.94</b>	<b>\$147,135.91</b>

EXEMPT

# Town of Marshfield, Massachusetts

**\$3,397,343** General Obligation Bond Anticipation Notes

**Sale Date:** 5/28/2019  
**Dated Date:** 6/7/2019  
**Delivery Date:** 6/7/2019  
**Due Date:** 7/26/2019  
**Days Per Year:** 360  
**Day Count:** 49  
**Bank Qualified:** No  
**Rating:** None



Bidder	Underwriter	Principal	Coupon Rate	Premium	Interest	Net Interest	NIC	Prorata Premium	Prorata Interest	Award	Reoffering Yield
Piper Jaffray & Company	•	\$3,397,343	2.50%	\$2,412.11	\$11,560.40	\$9,148.29	1.9784%	\$2,412.11	\$11,560.40	\$3,397,343	1.72%
Award Totals								\$2,412.11	\$11,560.40	\$3,397,343	

Weighted Average Net Interest Cost: 1.9784%



**MUNICIPAL PURPOSE LOAN**

Town of Marshfield, Massachusetts

**\$3,397,343** General Obligation Bond Anticipation Notes

Sale Date: 5/28/2019  
 Dated Date: 6/7/2019  
 Delivery Date: 6/7/2019  
 Due Date: 7/26/2019  
 Bank Qualification: No



<u>Purpose</u>	<u>Vote Date(s)</u>	<u>Reference</u>	<u>Amount Authorized</u>	<u>Previous Issues</u>	<u>Bonds, Grants, and/or Paydowns</u>	<u>Renewal This Issue</u>	<u>New This Issue</u>	<u>Total This Issue</u>	<u>Balance Unissued</u>	<u>Original Issue Date</u>	<u>Prorata Interest</u>	<u>Prorata Premium</u>
Flood & Shore Front Protection Match	4/25/2016	Ch.44, s.7(7)	\$30,000	\$0	\$0	\$0	\$30,000	\$30,000	\$0	6/7/2019	\$102.08	\$21.30
Furnace Brook Middle School	4/24/2017 & 4/29/2017	Ch.70B	\$8,503,235	\$4,251,800	\$0	\$0	\$1,268,419	\$1,268,419	\$2,983,016	6/7/2019	\$4,316.15	\$900.58
Dredging	10/15/2018	Ch. 44, s. 7(1)	\$277,750	\$0	\$0	\$0	\$277,500	\$277,500	\$250	6/7/2019	\$944.27	\$197.02
Federal Port Security Equipment Match	10/15/2018	Ch. 44, s. 7(1)	\$76,124	\$0	\$0	\$0	\$76,124	\$76,124	\$0	6/7/2019	\$259.03	\$54.05
Town Hall Roof Repair Design	10/15/2018	Ch. 44, s. 7(7)	\$30,000	\$0	\$0	\$0	\$30,000	\$30,000	\$0	6/7/2019	\$102.08	\$21.30
DPW Building Emergency Roof Repairs	4/22/2019	Ch. 44, s. 7(1)	\$115,300	\$0	\$0	\$0	\$115,300	\$115,300	\$0	6/7/2019	\$392.34	\$81.86
DPW Facility Design	4/22/2019	Ch. 44, s. 7(7)	\$650,000	\$0	\$0	\$0	\$650,000	\$650,000	\$0	6/7/2019	\$2,211.81	\$461.50
Police Facility Design	4/22/2019	Ch. 44, s. 7(7)	\$650,000	\$0	\$0	\$0	\$650,000	\$650,000	\$0	6/7/2019	\$2,211.81	\$461.50
Seawall Repair- Ocean St & Rexhame Rd	4/22/2019	Ch. 44, s. 7(1)	\$300,000	\$0	\$0	\$0	\$300,000	\$300,000	\$0	6/7/2019	\$1,020.83	\$213.00
<b>Totals</b>			<b>\$10,632,409</b>	<b>\$4,251,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,397,343</b>	<b>\$3,397,343</b>	<b>\$2,983,266</b>		<b>\$11,560.40</b>	<b>\$2,412.11</b>

EXEMPT