

Pro forma debt levels and debt service

Principal Payments	Loan	Debt @	Borrowings	Principal Payments					
	Period	6/30/2016		2017	2018	2019	2020	2021	2022
General Obligations		\$ -		\$ 5,012	\$ 4,920	\$ 4,430	\$ 3,881	\$ 3,531	\$ 3,356
2017 borrowing	10 yrs.		6,621		662	662	662	662	662
				5,012	5,582	5,092	4,543	4,193	4,018
New Borrowings									
FY 18	10		5,198			520	520	520	520
FY19	10		10,000				1,000	1,000	1,000
FY20	10		10,000					1,000	1,000
FY21	10		10,000						1,000
Fy22	10		10,000						
Total				5,012	5,582	5,612	6,063	6,713	7,538
Interest									
General Obligations				2,362	2,202	2,025	1,851	1,691	1,475
2017 borrowing					-	-	-	-	-
				2,362	2,202	2,025	1,851	1,691	1,475
New Borrowings	Rate								
FY 18	4%					208	187.128	166.336	145.544
FY19	4%						400	360	320
FY20	4%							400	360
FY21	4%								400
Fy22	4%								0
Total Debt Service				\$ 7,374	\$ 7,784	\$ 7,845	\$ 8,501	\$ 9,330	\$ 10,238
Total Debt									
Existing debt				\$ 62,699	\$ 57,117	\$ 52,025	\$ 47,482	\$ 43,289	\$ 39,271
New Debt									
FY 18					5,198	4,678	4,158	3,639	3,119
FY19						10,000	9,000	8,000	7,000
FY20							10,000	9,000	8,000
FY21								10,000	9,000
Fy22									10,000
Total				\$ 62,699	\$ 62,315	\$ 66,703	\$ 70,640	\$ 73,927	\$ 76,389
Estimated Revenue				\$	77,250	\$ 79,568	\$ 81,955	\$ 84,413	\$ 86,946
Debt service shall be less than 10% of Revenue:					10.1%	9.9%	10.4%	11.1%	11.8%
Borrowings shall be less than 100% of revenue					80.7%	83.8%	86.2%	87.6%	87.9%

**Town Of Wayland**  
**General Fund Five Year Capital Request**  
**Dollars In thousands**

		<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
<b>Major Projects:</b>							
Town							
Transfer Station Road Mitigation	\$	2,200					2,200
Town wide road construction		700	\$ 718	\$ 735	\$ 754	\$ 773	3,680
DPW Equipment		355	740	1,210	1,020	505	3,830
Fire Station		75	850				925
Library			16,085	575	850	70	17,580
Town Building		218	1,975	1,310	1,300	220	5,023
COA			200	5,400			5,600
Municipal Pad				2,000			2,000
Middle School Field Construction			2,000				2,000
Laker Recreation				100	5,000		5,100
Land Acquisition				500			500
Greenway			130	500			630
Stadium Repairs			2,750				2,750
School bus Relocation			700				700
School repair				350		2,530	2,880
School Boiler Replacement				400	400	400	1,200
Middle School Improvements				575	115		690
Subtotal		3,548	26,148	13,655	9,439	4,498	57,288
Normal replacement expenditures	(4)	1,650	2,600	3,000	3,400	3,800	14,450
Total potential capital requests		\$ 5,198	\$ 28,748	\$ 16,655	\$ 12,839	\$ 8,298	\$ 71,738

**Reference Points:**

Forecasted debt level at 6/30 for debt issued FY2017 and prior	(1)	\$ 57,117	\$ 52,025	\$ 47,482	\$ 43,289	\$ 39,271
Forecasted principal payments on existing debt	(2)	\$ 5,582	\$ 5,092	\$ 4,543	\$ 4,193	\$ 4,018
Forecasted interest payments on existing debt		2,467	2,263	2,063	1,876	1,664
Forecasted debt service on existing debt		\$ 8,049	\$ 7,355	\$ 6,606	\$ 6,069	\$ 5,682
Estimated General Fund Revenue:	(3)	\$ 77,250	\$ 79,568	\$ 81,955	\$ 84,413	\$ 86,946

**Benchmarks:**

**Capacity for new debt in addition to existing debt:**

**Debt service shall be less than 10% of Revenue:**

Incremental debt service available for new debt	\$ (324)	\$ 601	\$ 1,589	\$ 2,372	\$ 3,012
Debt service for requested projects	\$ -	\$ 631	\$ 3,916	\$ 5,795	\$ 7,192
If requested projects were all funded by debt, the debt service level would be:	10%	10%	13%	14%	15%

**Borrowings shall be less than 100% of revenue**

Incremental borrowing level at 100% of town revenue	\$ 20,133	\$ 7,410	\$ 6,930	\$ 6,652	\$ 6,550
Cumulative borrowing limit at 100% of town revenue	\$ 20,133	\$ 27,543	\$ 34,473	\$ 41,125	\$ 47,675

**Additional borrowing for requested projects**

Additional debt for requested projects	\$ 5,198	\$ 33,547	\$ 47,831	\$ 57,070	\$ 60,798
If requested projects were all funded by debt, the % of revenue would be:	81%	108%	116%	119%	115%

- (1) Based on outstanding debt at 6/30/16 and 2017 authorized but unissued debt for the general fund.
- (2) Assume the FY 2017 borrowings will have an average life of 10 years except for Mainstone which will be 20 years
- (3) Based on FY2016 increased by 3% per year
- (4) Increase is reflective of future projects not considered in current 5 year plan

Note: Enterprise debt and Mainstone debt is not included in the Benchmark analysis as that debt is not a direct obligation of the Town.  
If the debt service needs to be funded by tax revenue the related debt would need to be included in the above analysis.

**Pro forma debt levels and debt service**  
**Enterprise Fund Capital request**  
**0**

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Estimated revenue	(1)	\$ 4,364	\$ 4,495	\$ 4,630	\$ 4,769	\$ 4,912	\$ 5,059
Enterprise debt issued 2017 & prior at 6/30		\$ 14,443	\$ 13,139	\$ 11,848	\$ 10,559	\$ 9,330	\$ 8,194
Additional debt for requested capital			\$ 1,425	\$ 7,100	\$ 1,200	\$ 1,600	\$ 2,300
Total debt if projects funded		<u>\$ 14,443</u>	<u>\$ 14,564</u>	<u>\$ 18,948</u>	<u>\$ 11,759</u>	<u>\$ 10,930</u>	<u>\$ 10,494</u>
Debt service on debt issued 2017 & prior		\$ 1,584	\$ 1,846	\$ 1,787	\$ 1,736	\$ 1,617	\$ 1,484
Additional debt service if requested projects funded		-	-	200	1,188	1,322	1,507
Total debt service		<u>\$ 1,584</u>	<u>\$ 1,846</u>	<u>\$ 1,986</u>	<u>\$ 2,924</u>	<u>\$ 2,939</u>	<u>\$ 2,991</u>

(1) Based on FY2016 increased by 3% per year

Debt and debt service on requested capital:

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Requested capital						
Water Mains	\$ 700	\$ 700	\$ 700	\$ 1,000	\$ 1,600	\$ 4,700
Water Meters	430					430
Replace Filters - Baldwin Pond		1,000				1,000
Campbell Manganese Removal		5,000				5,000
Normal replacement expenditures:	295	400	500	600	700	2,495
Total	<u>\$ 1,425</u>	<u>\$ 7,100</u>	<u>\$ 1,200</u>	<u>\$ 1,600</u>	<u>\$ 2,300</u>	<u>\$ 13,625</u>

Assuming 10 year funding, principal payments  
would be:

Additional Interest would be	4%	\$ 143	\$ 853	\$ 973	\$ 1,133	\$ 3,100
Additional debt service		57	335	349	374	1,116
		<u>\$ -</u>	<u>\$ 200</u>	<u>\$ 1,188</u>	<u>\$ 1,322</u>	<u>\$ 4,216</u>

Additional debt would be **\$ 1,425 \$ 8,383 \$ 8,730 \$ 9,358 \$ 10,525**

Town of Waylan  
Debt Schedule debt issued 2017 and pr  
Dollars in thousand  
Current commitment:

Principa	Loan Period	Debt @ 6/30/2016	Borrowing: 2017	Principal Payment:					
				2017	2018	2019	2020	2021	2022
General Obligation	10 yrs.	\$ 61,090	6,621	\$ 5,012	\$ 4,920	\$ 4,430	\$ 3,881	\$ 3,531	\$ 3,356
				<u>5,012</u>	<u>662</u>	<u>662</u>	<u>662</u>	<u>662</u>	<u>662</u>
				5,012	5,582	5,092	4,543	4,193	4,018
Mainstone	20 Yrs.		7,000		350	350	350	350	350
Enterprise Func	10 yrs.	13,331	2,211	1,099	1,083	1,070	1,068	1,008	915
				<u>221</u>	<u>221</u>	<u>221</u>	<u>221</u>	<u>221</u>	<u>221</u>
				1,099	1,304	1,291	1,289	1,229	1,136
				<u>\$ 74,421</u>	<u>\$ 15,832</u>	<u>\$ 6,111</u>	<u>\$ 7,236</u>	<u>\$ 6,733</u>	<u>\$ 6,182</u>
								<u>\$ 5,772</u>	<u>\$ 5,504</u>
Debt at 6/30/									
General Obligation				\$ 62,699	\$ 57,117	\$ 52,025	\$ 47,482	\$ 43,289	\$ 39,271
Mainstone				7,000	6,650	6,300	5,950	5,600	5,250
Enterprise Func				14,443	13,139	11,848	10,559	9,330	8,194
Interest Payments 2017 & prior de									
General Obligation									
On 6/30/16 deb				\$ 2,362	\$ 2,202	\$ 2,025	\$ 1,851	\$ 1,691	\$ 1,532
2017 Borrowing	4%				265	238	212	185	132
Total				<u>\$ 2,362</u>	<u>\$ 2,467</u>	<u>\$ 2,263</u>	<u>\$ 2,063</u>	<u>\$ 1,876</u>	<u>\$ 1,664</u>
Mainstone	5%				350	333	315	280	263
Enterprise Func									
On 6/30/16 deb				485	453	416	376	335	303
2017 Borrowing	4%				88	80	71	53	44
Total				<u>\$ 485</u>	<u>\$ 541</u>	<u>\$ 496</u>	<u>\$ 447</u>	<u>\$ 388</u>	<u>\$ 348</u>
Total Interest				<u>\$ 2,847</u>	<u>\$ 3,358</u>	<u>\$ 3,091</u>	<u>\$ 2,825</u>	<u>\$ 2,544</u>	<u>\$ 2,274</u>
Total Debt Service - 2017 & prior de									
General Obligation				\$ 7,374	\$ 8,049	\$ 7,355	\$ 6,606	\$ 6,069	\$ 5,682
Mainstone				-	700	683	665	630	613
Enterprise Func				1,584	1,846	1,787	1,736	1,617	1,484
Total				<u>\$ 8,958</u>	<u>\$ 10,594</u>	<u>\$ 9,825</u>	<u>\$ 9,007</u>	<u>\$ 8,317</u>	<u>\$ 7,778</u>
Total Debt Service all det									
General Obligation				\$ 7,374	\$ 8,680	\$ 11,272	\$ 12,401	\$ 13,262	\$ 23,216
Mainstone					700	683	665	630	613
Subtotal				<u>7,374</u>	<u>9,380</u>	<u>11,954</u>	<u>13,066</u>	<u>13,892</u>	<u>23,829</u>
Enterprise Func				1,584	1,846	1,986	2,924	2,939	2,991
Total				<u>\$ 8,958</u>	<u>\$ 11,225</u>	<u>\$ 13,940</u>	<u>\$ 15,989</u>	<u>\$ 16,831</u>	<u>\$ 26,819</u>
Total Debt:									
General Obligation				\$ 62,699	\$ 62,315	\$ 85,572	\$ 95,313	\$ 100,358	\$ 100,069
Mainstone				7,000	6,650	6,300	5,950	5,600	5,250
Subtotal				<u>69,699</u>	<u>68,965</u>	<u>91,872</u>	<u>101,263</u>	<u>105,958</u>	<u>105,319</u>
Enterprise Func				14,443	14,564	18,948	11,759	10,930	10,494
Total				<u>\$ 84,142</u>	<u>\$ 83,529</u>	<u>\$ 110,820</u>	<u>\$ 113,022</u>	<u>\$ 116,888</u>	<u>\$ 115,812</u>

**Town of Wayland**

**Estimated debt service for 2018 - 2022 Capital projects**

**Dollars in thousand**

**General Fund**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
20 year projects						
Transfer Station Road Mitigation	\$ 2,200					\$ 2,200
Library		16,085				16,085
Town Building	218	1,975	1,310	1,300	220	5,023
COA			5,400			5,400
Municipal Pac			2,000			2,000
Loker Recreation				5,000		5,000
	<u>2,418</u>	<u>18,060</u>	<u>8,710</u>	<u>6,300</u>	<u>220</u>	<u>35,708</u>
10 year funding project	2,780	10,688	7,945	6,539	8,078	36,030
	<u>\$ 5,198</u>	<u>\$ 28,748</u>	<u>\$ 16,655</u>	<u>\$ 12,839</u>	<u>\$ 8,298</u>	<u>\$ 71,738</u>

**Debt Service:**

Principal payments on 20 year fundin		\$ 121	\$ 1,024	\$ 1,459	\$ 1,774	\$ 4,379
Interest on 20 year debt at 5%	5%	121	1,018	1,402	1,655	4,196
Principal payments on 10 year fundin		278	1,347	2,141	2,795	6,561
Interest on 10 year debt at 4%	4%	111	528	792	967	2,398
Total additional debt service		<u>\$ 631</u>	<u>\$ 3,916</u>	<u>\$ 5,795</u>	<u>\$ 7,192</u>	<u>\$ 17,534</u>

\$ -