



Township of Monroe

2015 Six (6) Year Capital Program

Prepared for the Mayor & Township Council

By
Kevin W. Heydel, Business Administrator
March 23, 2014

Addendum to the 2015 Municipal Budget Introduction

Section

- | | | |
|----|---|---|
| 1. | Six (6) Year Capital Program 2015 – 2020..... | 1 |
| 2. | Anticipated Unfunded Debt Forecast..... | 2 |
| 3. | Combined Debt Summary Forecast..... | 3 |

Capital Improvement Program

- **Six (6) Year Capital Program 2015 – 2020**
- **Anticipated Unfunded Debt Forecast**
- **Combined Debt Summary Forecast**

SIX YEAR CAPITAL PROGRAM 2015 - 2020

Anticipated Project Schedule and Funding Requirements

Department: Capital Summary

CAPITAL PROJECT TITLE	DEPT #	ESTIMATED TOTAL	EST. COMP TIME	2015	2016	2017	2018	2019	2020	EXPLANATION / JUSTIFICATION
Legal Settlement -Purchase Property Black Horse Pike	100	707,500	2015	707,500						Legal Settlement
Various Hardware and Software - Townwide	155	107,000	2020	40,000	12,000	10,000	15,000	15,000	15,000	Upgrading of Technology Infrastructure (Servers, Apps, Licenses & Wireless N/W).
Video Cameras (in veh.) MDT's & Police Security System	300	160,000	2020	25,000	25,000	30,000	30,000	30,000	20,000	Mobile data terminals (\$4K)& security surveillance cameras (\$6K) in cars.
Police Department SUV's	300	290,000	2020	130,000	40,000	40,000	-	-	80,000	SUV vehicles for K-9 Unit and Command.
Office Communication Equipment & Radio Equipment	300	135,000	2020	60,000	15,000	15,000	15,000	15,000	15,000	Replace and upgrade old and worn out portable radios. Upgrade to 700 mhtz - 1st Qtr 2015
Stalker Radars for Police Vehicles	300	75,000	2020	15,000	15,000	15,000	10,000	10,000	10,000	Stalker radar units(\$3K) to replace old worn out units. Inventory = (6) - (2) hand held. Should have (20).
Cecil - Replace 1998 3200 Gallon Tanker Truck - 2954	325	480,000	2016	-	480,000	-	-	-	-	Current vehicle is over 16 years old, truck has experienced a near miss accident and frequent problems to poor design along with other mechanical problems. To be used as a 1st out truck from 6:00 Am to 6:00 PM.
Cecil - Second Floor addition to Fire Station	325	250,000	2016	-	250,000	-	-	-	-	Organization has outgrown current building due to an increase in membership, and training and equipment requirements. The current building has no sleeping or shower facilities, and the offices are cramped. Blood Borne Pathogen and Hazardous Material/CBRN-E regulations indicate a shower(s) should be available in the event response personnel are contaminated. Storage is almost non-existent. Bringing the building into ADA compliance with a second floor would allow for overnight fire/ems crews as well as sleeping areas during extended operations, such as hurricanes or snow storms. A properly outfitted building would also allow for "back-up" police and /or municipal operation in the event of a problem at the current facility on Virginia Ave

SIX YEAR CAPITAL PROGRAM 2015 - 2020

Anticipated Project Schedule and Funding Requirements

Department: **Capital Summary**

CAPITAL PROJECT TITLE	DEPT #	ESTIMATED	EST.	2015	2016	2017	2018	2019	2020	EXPLANATION / JUSTIFICATION
		TOTAL COST								
Cecil - SCBA & Gear - Upgrade	325	60,000	2020	-	-	-	20,000	20,000	20,000	Consists of the pack and air bottle, bottles require DOT regulated testing every 5 years with service life of 15 years. Need (3) units immediately then normal cycle replacement in 2018.
Cecil Fire - Radios & Pagers	325	28,000	2020	-	10,000	8,000	-	-	10,000	Needed to upgrade to new 700 MHz countywide system. (11) Pagers in 2014, 5 pagers/4 portables in 2015-16, 3 radios 2017.
WMS Fire - Turnout Gear	330	110,000	2020	15,000	15,000	20,000	20,000	20,000	20,000	Strutural life is 10 years. Many sets expired or about to expire in 2015. (18) sets purchased since 2008. (10) sets in 2014 @ \$2,800 each, (5) sets each year thereafter.
WMS Fire - SCBA & Gear - Upgrade	330	105,000	2020	10,000	35,000	10,000	10,000	20,000	20,000	Consists of the pack and air bottle, bottles require DOT regulated testing every 5 years with service life of 15 years. Currently have (12) outdated wire frame Scott Air Packs. Need to replace large number of cylinders over the next 5 years. (5) full sets needed immediately then normal cycle replacement in 2018.
WMS Fire - Radios & Pagers	330	38,000	2020	-	13,000	10,000	5,000	5,000	5,000	Needed to upgrade to new 700 MHz countywide system. (11) Pagers in 2014, 5 pagers/5 portables in 2015-16, 4 radios 2017 and upgrades in 2018-19.
Williamstown Fire Main Station Repairs	330	150,000	2016	75,000	75,000	-	-	-	-	Window replacement and A-frame roof improvements.
WMS Fire - Class "A" Pumper 1500 GPM w/1250 Gallon tank	330	425,000	2017	-	-	425,000	-	-	-	Replace 1993 Pumper (2911) in 2017.
MT ARA Ambulance Replacement Schedule	340	235,000	2017	115,000	-	120,000	-	-	-	Remount of (2) ambulances, 2991 - 2006 Ford and 2945- 2006 Ford. Including new stretchers at \$7,000.
MT ARA Rescue Truck	340	-	2015	-	-	-	-	-	-	Replace 1992 International Heavy Rescue - Walk-In. Vehicle is outdated (23 years old), worn and slow.

SIX YEAR CAPITAL PROGRAM 2015 - 2020

Anticipated Project Schedule and Funding Requirements

Department: **Capital Summary**

CAPITAL PROJECT TITLE	DEPT #	ESTIMATED TOTAL	EST. COMP TIME							EXPLANATION / JUSTIFICATION
				2015	2016	2017	2018	2019	2020	
MT ARA - Portable Wireless Notepads	340	25,000	2020	-	-	-	-	15,000	10,000	Wireless Notepads for Patient Care Records Data Collection (4) at \$4,000.
MT ARA - Radios & Pagers	340	10,000	2020	-	-	-	-	-	10,000	Needed to upgrade to new 700 MHz countywide system. (11) Pagers in 2014,
MT EMS - Ambulance Defibrillators	355	20,000	2019	-	-	-	10,000	10,000		Replace (3) Defibrillators in out years 2018-19.
PW - Road Program/Infrastructure Upgrades	365	2,400,000	2020	400,000	500,000	500,000	300,000	300,000	400,000	Funds to be used towards a comprehensive municipal road repaving program.
PW - (1) 5-7 Yard Dump Truck with Snow Plow & Spreader - 39,000 GVW	365	270,000	2020	-	130,000	-	-	-	140,000	Additional dump truck needed to replace worn and aging fleet.
Mowing Equipment	365	50,000	2020	-	25,000	-	-	-	25,000	Wing mower for maintenance of large basins and open space areas.
Leaf Vacuum	365	90,000	2020	-	-	50,000	-	-	40,000	Additional leaf vacuum to maintain consistent level of service with the continued growth throughout the township.
Automated Trash Containers	375	100,000	2020	25,000	-	25,000	-	25,000	25,000	Replacement of Automated Trash Cans.
Automated Trash Truck	375	275,000	2018	-	-	-	275,000	-	-	Replacement of Mack Trash Truck & Replacement Program
Automated Recycling Truck	375	835,000	2019	275,000	-	275,000	-	285,000	-	Automated Recycle Program Replacement
Various Municipal Owned Buildings Improvements	380	225,000	2020	75,000	30,000	20,000	20,000	20,000	60,000	HVAC, electrical, plumbing, flooring, doors, windows, improvements , etc. as needed
Old Library Building Demolition	380	50,000	2015	50,000	-	-	-	-	-	Demolition of Old Library on Main St.
B & G Ground Maintenance Equip	380	40,000	2020	-	10,000	-	-	10,000	20,000	Mowers, Snow removal equipment.
TOTALS		7,745,500		2,017,500	1,680,000	1,573,000	730,000	800,000	945,000	

**Township of Monroe
Debt Forecast
2015 - 2018 Capital**

2015 Capital Plan	Date of Issue	Original Issue	Downpayment	Principal Pmt	Interest	Total Payment	Balance
2015	8/1/2015	1,917,000	100,875				1,917,000
2016				191,700	-	191,700	1,725,300
2017				191,700	-	191,700	1,533,600
2018				191,700	-	191,700	1,341,900
2019				191,700	-	191,700	1,150,200
2020				191,700	-	191,700	958,500
2021				191,700	-	191,700	766,800
2022				191,700	-	191,700	575,100
2023				191,700	-	191,700	383,400
2024				191,700	-	191,700	191,700
2025				191,700	-	191,700	-
Total		-		1,917,000	-	1,917,000	
Pct (%) of Interest Paid on Principle over Loan Life					0.0%		

**Township of Monroe
Debt Forecast
2015 - 2018 Capital**

2016 Capital Plan	Date of Issue	Original Issue	Downpayment	Principal Pmt	Interest	Total Payment	Balance
2016	8/1/2016	1,596,000	84,000				1,596,000
2017				159,600	-	159,600	1,436,400
2018				159,600	-	159,600	1,276,800
2019				159,600	-	159,600	1,117,200
2020				159,600	-	159,600	957,600
2021				159,600	-	159,600	798,000
2022				159,600	-	159,600	638,400
2023				159,600	-	159,600	478,800
2024				159,600	-	159,600	319,200
2025				159,600	-	159,600	159,600
2026				159,600	-	159,600	-
Total		-		1,596,000	-	1,596,000	
Pct (%) of Interest Paid on Principle over Loan Life					0.0%		

**Township of Monroe
Debt Forecast
2015 - 2018 Capital**

2017 Capital Plan	Date of Issue	Original Issue	Downpayment	Principal Pmt	Interest	Total Payment	Balance
2017	8/1/2017	1,494,350	78,650				1,494,350
2018				149,435	-	149,435	1,344,915
2019				149,435	-	149,435	1,195,480
2020				149,435	-	149,435	1,046,045
2021				149,435	-	149,435	896,610
2022				149,435	-	149,435	747,175
2023				149,435	-	149,435	597,740
2024				149,435	-	149,435	448,305
2025				149,435	-	149,435	298,870
2026				149,435	-	149,435	149,435
2027				149,435	-	149,435	-
Total		-		1,494,350	-	1,494,350	
Pct (%) of Interest Paid on Principle over Loan Life					0.0%		

**Township of Monroe
Debt Forecast
2015 - 2018 Capital**

2018 Capital Plan	Date of Issue	Original Issue	Downpayment	Principal Pmt	Interest	Total Payment	Balance
2018	8/1/2018	693,500	36,500				693,500
2019				69,350	-	69,350	624,150
2020				69,350	-	69,350	554,800
2021				69,350	-	69,350	485,450
2022				69,350	-	69,350	416,100
2023				69,350	-	69,350	346,750
2024				69,350	-	69,350	277,400
2025				69,350	-	69,350	208,050
2026				69,350	-	69,350	138,700
2027				69,350	-	69,350	69,350
2028				69,350	-	69,350	-
Total		-		693,500	-	693,500	
Pct (%) of Interest Paid on Principle over Loan Life					0.0%		

**Township of Monroe
Debt Forecast
2015 - 2018 Capital**

2015 - 2018 Capital	Date of Issue	Original Issue	Downpayment	Principal Pmt	Interest (1.75%)	Total Payment	Balance
2015		5,700,850	300,025				6,393,100
2016				191,700	-	191,700	6,201,400
2017				351,300	-	351,300	5,850,100
2018				500,735	-	500,735	5,349,365
2019				570,085	93,614	663,699	4,779,280
2020				570,085	83,637	653,722	4,209,195
2021				570,085	73,661	643,746	3,639,110
2022				570,085	63,684	633,769	3,069,025
2023				570,085	53,708	623,793	2,498,940
2024				570,085	43,731	613,816	1,928,855
2025				570,085	33,755	603,840	1,358,770
2026				378,385	23,778	402,163	980,385
2027				218,785	17,157	235,942	761,600
2028				69,350	13,328	82,678	692,250
Total		-		5,700,850	445,791	6,200,904	
Pct (%) of Interest Paid on Principle over Loan Life					7.8%		

**Township of Monroe
Debt Forecast
2015 - 2018 Capital**

Debt Summary Forecast			Net Inc/Decr	Principal	Interest	Total	Year End Balance
2015				1,917,000	464,374	2,381,374	13,378,250
2016			274,347	2,246,700	409,021	2,655,721	17,524,650
2017			375,555	2,406,300	350,629	2,756,929	15,118,350
2018			504,378	2,590,735	295,017	2,885,752	12,527,615
2019			(459,754)	1,570,085	351,535	1,921,620	10,957,530
2020			(498,791)	1,570,085	312,498	1,882,583	9,387,445
2021				1,605,085	271,564	1,876,649	7,782,360
2022				1,375,085	228,220	1,603,305	6,407,275
2023				1,475,085	194,694	1,669,779	4,932,190
2024				1,067,335	159,881	1,227,216	3,864,855
2025				970,085	129,555	1,099,640	2,894,770
2026				878,385	100,578	978,963	2,016,385
2027				718,785	68,957	787,742	1,297,600
2028				605,350	40,128	645,478	692,250