



Date: April 16, 2018
To: Timothy J. Frenzer, Village Manager
From: Michael Braiman, Assistant Village Manager
Subject: Additional Agenda Material- Stormwater Improvements

Attached please find the following additional agenda material for the April 17th Special Village Board meeting regarding stormwater improvements:

Financial Forecast Matrix

At the request of Trustee Sullivan, chair of the Village Board Finance Committee, Staff prepared the attached matrix which identifies future known and potential costs to the Village and residents of Wilmette.

History of Sewer Improvements

At the request of Trustees Dodd and Plunkett, attached is a table (previously presented to the Village Board) which identifies sewer improvements since 1992, including the cost of those improvements in 2017 dollars.

Village of Wilmette Financial Forecast

Knowns		Threats	
<u>Knowns</u>	<u>Comments</u>	<u>Threats</u>	<u>Comments</u>
Property Taxes	3-4% annual increase	Sales Tax (Retail Landscapre & Carsons Potential Closure)	Six figure loss from Carsons
Water Rate*	3% annual increase	Lead Service Line Replacement	25-60% of the 8,950 service lines
Sewer Rate**	\$0.90 increase over next 17 years	Treatment of Stormwater	Future Federal regulation
Solid Waste Rate	Up to 2.5% annual increase	Property Tax Freeze	Compounding \$600,000 annual loss
Pensions	8.8% avg. annual growth since 1997	LGDF Capture	Proposed State Budget cut of 10%
New Police Station	\$20-25M estimated cost in 2026	Home Rule Pre-Emption	Could limit other revenue levers
Road Program Funding	Add'l \$2-2.5M annually beginning in 2026	Electric Vehicles	Gas tax relied on to fund roads
Total New Debt	Add'l \$50M+ projected over next 10 years (Police Station & Water Plant)	Bond Rating Downgrade	Projected 0.25 basis point increase
Sales Tax Losses	Imperial Motors, 2% fee to State of IL.	Rising Interest Rates	Debt to be issued over next 7 years
		Stagnating Revenues	Expense growth may exceed revenues
Unknowns		Cost Projections***	
<u>Unknowns</u>	<u>Comments</u>	<u>Cost Projections***</u>	<u>Comments</u>
New Trier High School	Next Facility Project is TBD	Current Avg Prop Tax in Wilmette	\$14,620
Park District	No current long term strategic plan	Projected Avg. Prop. Tax in 15 years	\$20,000
School District #39	Con't to levy to max CPI, operating referendum expected in 5 - 10 years	Projected Avg. Prop. Tax in 30 years	\$29,000
Wilmette Library	TBD		

*Water rate projection includes \$8M electrical improvements, \$15M intake replacement, \$500,000 annual water main program

**Sewer rate projection does not include the stormwater improvements under consideration

***Property tax projections do not include the anticipated District #39 referendum

History of Sewer Improvements

Title	Year	Description	Actual Cost	Location	Inflationary Cost
Sewer Lining and Rehabilitation	2004 - 2006	Various locations	\$861,752	Both East and West	
Sewer Maintenance	2002 - 2005	Sewer cleaning, televising , repairs	\$278,450	Both East and West	
Sewer Main Repairs	2001 - 2006	Point repairs associated with the annual road program	\$1,200,000	Both East and West	
Ridge Road Sewer	2004	Sewer Lining	\$68,359	Both East and West	
Sewer Lining and Rehab	2007-2009	Various Locations	\$804,774	Both East and West	
Sewer Main Repairs	2007-2009	Various Locations	\$1,097,668	Both East and West	
Sewer lining and Edens Rehab	2007-2009	Under Edens Expressway	\$287,318	Both East and West	
Sewer Lining and Rehabilitation	2010	Various Locations	\$905,620	Both East and West	
Sewer Main Repairs	2010	Various Locations	\$425,000	Both East and West	
Sewer Lining and Rehabilitation	2011	Various Locations	\$913,000	Both East and West	
Sewer Main Repairs	2011	Various Locations	\$675,000	Both East and West	
Sewer Lining and Rehabilitation	2012	Various Locations	\$823,635	Both East and West	
Sewer Main Repairs	2012	Various Locations	\$366,486	Both East and West	
Sewer Lining and Rehabilitation	2013	Various Locations	\$676,138	Both East and West	
Sewer Main Repairs	2013	Various Locations	\$216,835	Both East and West	
Sewer Lining and Rehabilitation	2014	Various Locations	\$685,862	Both East and West	
Sewer Main Repairs	2014	Various Locations	\$295,000	Both East and West	
Sewer Lining and Rehabilitation	2015	Various Locations	\$820,000	Both East and West	
Sewer Main Repairs	2015	Various Locations	\$300,000	Both East and West	
Sewer Main Repairs	2016	Various Locations	\$300,000	Both East and West	
Sewer Lining and Rehab	2016	Various Locations	\$800,000	Both East and West	
East Side Improvements	1992 - 1998	Large diameter relief sewers, restrictors, berms	\$24,495,376	East Side Combined	\$ 39,344,653
Green Bay Road Sewer	2000	Various sewer improvements	\$33,780	East Side Combined	\$ 48,019
Wilmette Avenue Sewer Liner	1995	Sewer Lining	\$237,995	East Side Combined	\$ 382,269
Washington Avenue Sewer Improvements	2002 - 2003	Relief Sewer	\$673,699	East Side Combined	\$ 896,261
Highland Avenue Relief Sewer	2004 -2005	Installation of Relief Sewer	\$243,279	East Side Combined	\$ 304,922
Central Avenue Relief Sewer	2004 - 2005	Installation of Relief Sewer	\$624,999	East Side Combined	\$ 783,364
Sheridan Road Sewer	2006	Design for sewer replacement	\$33,817	East Side Combined	\$ 41,061
East Side Relief Sewer Project—Phases IV and V cont.	2004 - 2006	Installation of Relief Sewers	\$1,134,829	East Side Combined	\$ 1,422,377
Sewer Improvement Project	2007-2009	Relief Storm Sewers - Various Locations	\$482,438	East Side Combined	\$ 548,501
Sheridan Road Sewer	2007-2009	Grant funded replacement	\$1,269,000	East Side Combined	\$ 1,442,773
Isabella Sewer Replacement	2008	13th to Park	\$46,777	East Side Combined	\$ 53,182
Isabella Street Relief Sewer	2013	Isabella Street	\$897,000	East Side Combined	\$ 942,547
TOTAL COMBINED SEWER SYSTEM			\$30,172,989	INFLATIONARY TOTAL	\$46,209,929
West Side Relief Sewer Improvements	1992 – 1995	Installation of Large Diameter Relief Sewers	\$9,553,000	West Side Combined	\$ 15,778,952
Storm water pump station outfall	1995 - 1998	Installation of second 84-inch outfall to the North Branch	\$825,306	West Side Combined	\$ 1,258,712
Harms Road Interceptor	1995	Engineering Services to perform a study	\$59,788	West Side Combined	\$ 96,031
Backup Generator at Stormwater Pump Station	2008-2010	West of Ridge Road	\$873,795	West Side Combined	\$ 996,997
West Side Separate Sewer System Study	2009	West of Ridge Road	\$97,400	West Side Combined	\$ 111,133
West Side Hydraulic Modeling	2012	West of Ridge Road	\$133,385	West Side Combined	\$ 142,211
West Side Sewer Design	2013	West of Ridge Road—Various locations	\$309,990	West Side Combined	\$ 325,731
Hunter Road Back-pitched Sewer Replacement	2013	Hunter Road between Birchwood and Illinois Roads	\$262,000	West Side Combined	\$ 275,304
Kenilworth Gardens Smoke Testing	2013	Kenilworth Gardens	\$40,000	West Side Combined	\$ 41,360
Manhole Rehabilitation	2013-15	West of Ridge Road	\$1,574,000	West Side Combined	\$ 1,627,522
West Side Local Sanitary Storage	2014	Wilmette Avenue, Gregory, Kilpatrick	\$3,023,000	West Side Combined	\$ 3,023,000
Separate Storm Sewer Study-CBBEL	2014	West of Ridge Road	\$265,000	West Side Combined	\$ 274,011
Princeton Place Smoke Testing	2013	Princeton Basin	\$122,000	West Side Combined	\$ 128,195
West Park Sanitary Storage Project	2015	Harms Basin	\$18,397,000	West Side Combined	\$ 18,397,000
Princeton Place Dyed Water Flooding	2016	Kenilworth Gardens I/I Removal	\$102,400	West Side Combined	\$ 105,801
TOTAL SEPARATE SEWER SYSTEM			\$35,638,064	INFLATIONARY TOTAL	\$ 42,581,960
TOTAL ALL SYSTEMS			\$78,611,950	INFLATIONARY TOTAL ALL SYSTEMS	\$ 88,791,889