APPENDIX

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APPENDIX A – GLOSSARY

Basin: A large bowl-shaped depression in the surface of land to hold water as a result of rainstorms and snowmelts.

Bituminous Asphalt Pavement: The majority of the City's streets are constructed of bituminous asphalt pavement. The one notable exception would be Main Street. Bituminous asphalt pavement is a hot mix blend of stone and other forms of aggregate materials joined together by a petroleum-based binding agent. Bituminous asphalt pavement has a life expectancy of approximately 25-years; can be designed to be strong enough to handle most kinds of traffic; and is relatively easy to repair or refinish.

CABC: Crushed Aggregate Base Course

Conveyance System: A means of transporting storm water. A system may include a combination of storm sewer pipe, swales, roads and concrete channels.

MMSD: Madison Metropolitan Sewerage District

Pavement Rehabilitation: This form of street reconstruction typically takes place on streets that are approximately 25-30 years old. The construction is typically limited to disturbance from curb to curb; although work beyond the curb & gutter may also be included. Spot repairs to the existing curb & gutter is performed in order to replace broken or settled sections of curb. The existing bituminous asphalt pavement is pulverized to its full depth and reshaped before being tested for soft areas in the base. New bituminous asphalt pavement is then placed on the street.

Pinch Point: Pinch points in underground utilities are created when the capacity of a pipe is restricted at a particular point in the line. Pinch points may be temporarily created when a new pipe is connected to an older pipe of less capacity, with the plan that the older pipe will eventually be placed with a newer/larger pipe; thus eliminating the pinch point.

Rip-Rap: A loose assemblage of broken stones erected to prevent soil erosion.

Swales: A shallow trough-like depression that carries water mainly during rainstorms and snowmelts.

TMDL: Total Maximum Daily Load

Total P: Total Phosphorus

Total Reconstruction: This form of street reconstruction typically involves construction that extends from right-of-way line to right-of-way line; and onto private property in many cases. This construction includes the removal and replacement of curb & gutter; the removal and replacement of the roadway base and pavement, along with new 5-foot wide concrete sidewalk. New storm water collection and conveyance improvements are generally included in the Total Reconstruction of streets. Depending on the condition of the sanitary sewer and water main, the project may include upgrades to these publicly owned and maintained underground improvements.

TSS: Total Suspended Solids

WWTP: Waste Water Treatment Plant.

Priority Key:

Mandatory – 1	Project is mandated by Federal or State law, regulation, court order, municipal agreement or contract or is an immediate health and safety issue that must be addressed.
High Priority -2	Project is likely a health and safety issue or may significantly affect City operations or services that must, at a minimum, be addressed within the next two to three years. Project must also be identified as a requirement under a City plan, policy or code.
Average Priority – 3	Project is highly desired, but is likely not a health or safety issue. The project should be addressed at least within the next six years. Project may also be identified as a priority under a City plan, policy, or code.
Fairly Low Priority – 4	Project is more desirable than necessary and could be deferred several years before becoming an average or high priority.
Low Priority – 5	Project is more of a wish list item and can easily be deferred beyond six years. Project is also not identified in any City plan, policy, or code.
Future Consideration	Project is clearly a long-term request which is known as not necessary with the six year planning period. Project is included for illustrative purposes only.

APPENDIX B – CITY OF SUN PRAIRIE - EXISTING DEBT SCHEDULE

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CITY OF SUN PRAIRIE
2017 DEBT SERVICE REQUIREMENTS

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
City						
2009 GO Bonds	$ 4,850,000	$ 425,000	$ -	$ 183,542	$ 608,542	$ 4,425,000
2009 State Trust Fund Loan	229,141	73,044	-	10,311	83,355	156,097
2009 WPPI Loan	29,734	9,912	-	-	9,912	19,822
2010 GO Notes	3,080,000	745,000	-	62,383	807,383	2,335,000
2012A GO Notes	5,620,000	1,190,000	-	75,190	1,265,190	4,430,000
2013 A GO Bonds	5,055,000	1,940,000	-	69,125	2,009,125	3,115,000
2013 B GO Refunding Bonds	962,040	637,040	-	12,692	649,732	325,000
2014B GO Notes	3,615,000	415,000	-	84,925	499,925	3,200,000
2015A GO Notes	2,385,000	245,000	-	60,637	305,637	2,140,000
2016B GO Notes*	4,235,000	423,500		62,297	485,797	3,811,500
CITY TOTALS	$ 30,060,915	$ 6,103,496	$ -	$ 621,102	$ 6,724,598	$ 23,957,419

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Tax Increment Finance Dist 6						
2009 CDA Refunding Bonds	$ 540,000	$ 125,000	$ -	$ 18,880	$ 143,880	$ 415,000
2013 B GO Refunding Bonds	17,960	17,960	-	356	18,316	-
TIF DISRICT 6 TOTALS	$ 557,960	$ 142,960	$ -	$ 19,236	$ 162,196	$ 415,000

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Tax Increment Finance Dist 7						
2009 CDA Refunding Bonds	$ 2,820,000	$ 445,000	$ -	$ 107,760	$ 552,760	$ 2,375,000
TIF DISRICT 7 TOTALS	$ 2,820,000	$ 445,000	$ -	$ 107,760	$ 552,760	$ 2,375,000

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Tax Increment Finance Dist 8						
2009 GO Bonds	875,000	-	-	35,242	35,242	875,000
2013 A GO Bonds	170,000	85,000	-	1,913	86,913	85,000
2014A CDA Lease/Rev Bonds	11,275,000	1,325,000	-	189,978	1,514,978	9,950,000
2016B GO Notes*	530,000	53,000	-	5,737	58,737	477,000
TIF DISRICT 8 TOTALS	$ 12,850,000	$ 1,463,000	$ -	$ 232,870	$ 1,695,870	$ 11,387,000

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Tax Increment Finance Dist 9						
2013 A GO Bonds	$ 960,000	$ 60,000	$ -	$ 17,925	$ 77,925	$ 900,000
2014B GO Notes	555,000	25,000	-	14,775	39,775	530,000
2014C Taxable GO Notes	4,315,000	150,000	-	127,025	277,025	4,165,000
TIF DISRICT 9 TOTALS	$ 5,830,000	$ 235,000	$ -	$ 159,725	$ 394,725	$ 5,595,000

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Tax Increment Finance Dist 12						
2016B GO Notes*	205,000	20,500	-	7,797	28,297	184,500
TIF DISRICT 12 TOTALS	$ 205,000	$ 20,500	$ -	$ 7,797	$ 28,297	$ 184,500

CITY OF SUN PRAIRIE
2017 DEBT SERVICE REQUIREMENTS

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Water Pollution Control Facility						
2005 Clean Water Fund Loan	$ 8,394,095	$ 847,881	$ -	$ 188,494	$ 1,036,375	$ 7,546,214
2009 GO Bonds	325,000	105,000	-	9,758	114,758	220,000
2014B GO Notes	265,000	30,000	-	6,225	36,225	235,000
2015A GO Notes	240,000	25,000	-	4,663	29,663	215,000
2016B GO Notes*	390,000	39,000	-	3,016	42,016	351,000
WPCF TOTALS	$ 9,614,095	$ 1,046,881	$ -	$ 212,156	$ 1,259,037	$ 8,567,214

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Stormwater Utility						
2009 GO Bonds	$ 330,000	$ 105,000	$ -	$ 9,953	$ 114,953	$ 225,000
2013 A GO Bonds	260,000	35,000	-	4,588	39,588	225,000
2014B GO Notes	1,115,000	130,000	-	26,150	156,150	985,000
2015A GO Notes	520,000	55,000	-	10,075	65,075	465,000
2016A GO Bonds*	5,895,000	294,750	-	125,711	420,461	5,600,250
STORMWATER TOTALS	$ 8,120,000	$ 619,750	$ -	$ 176,477	$ 796,227	$ 7,500,250

Description	Principal Balance 12/31/2016	2017 Principal Payments	2017 Escrow Interest	2017 Interest	2017 Total Principal & Interest	Principal Balance 12/31/2017
Fleet Inservice Fund						
2015A GO Notes	$ 155,000	$ 15,000	$ -	$ 3,025	$ 18,025	$ 140,000
2016B GO Notes*	1,190,000	119,000		17,505	136,505	1,071,000
FLEET INSERVICE TOTAL	$ 1,345,000	$ 134,000	$ -	$ 20,530	$ 154,530	$ 1,211,000

Description	Principal Balance 12/31/2015	2016 Principal Payments	2016 Escrow Interest	2016 Interest	2016 Total Principal & Interest	Principal Balance 12/31/2016
Sun Prairie Utilities						
2008 Revenue Bonds	2,060,000	265,000	-	103,560	368,560	1,795,000
2012 Revenue Bonds	2,440,000	125,000	-	65,903	190,903	2,315,000
2012 Taxable Rev Refunding Bonds	890,000	445,000	-	15,894	460,894	445,000
2014 Revenue Bonds	3,000,000	100,000	-	110,990	210,990	2,900,000
2015 Bank of Sun Prairie	624,000	32,846	-	16,608	49,454	591,154
2016A GO Bonds*	3,480,000	174,000	-	74,211	248,211	3,306,000
STORMWATER TOTALS	$ 12,494,000	$ 1,141,846	$ -	$ 387,166	$ 1,529,012	$ 11,352,154
CITY OF SUN PRAIRIE TOTALS	$ 83,896,970	$ 11,352,433	$ -	$ 1,944,819	$ 13,297,252	$ 72,544,537

* As of 9/7/2016 the 2016A GO Promissory Notes and the 2016B GO Corporate Purpose Bonds are estimates.

CITY OF SUN PRAIRIE

2017 DEBT SERVICE PROJECTIONS

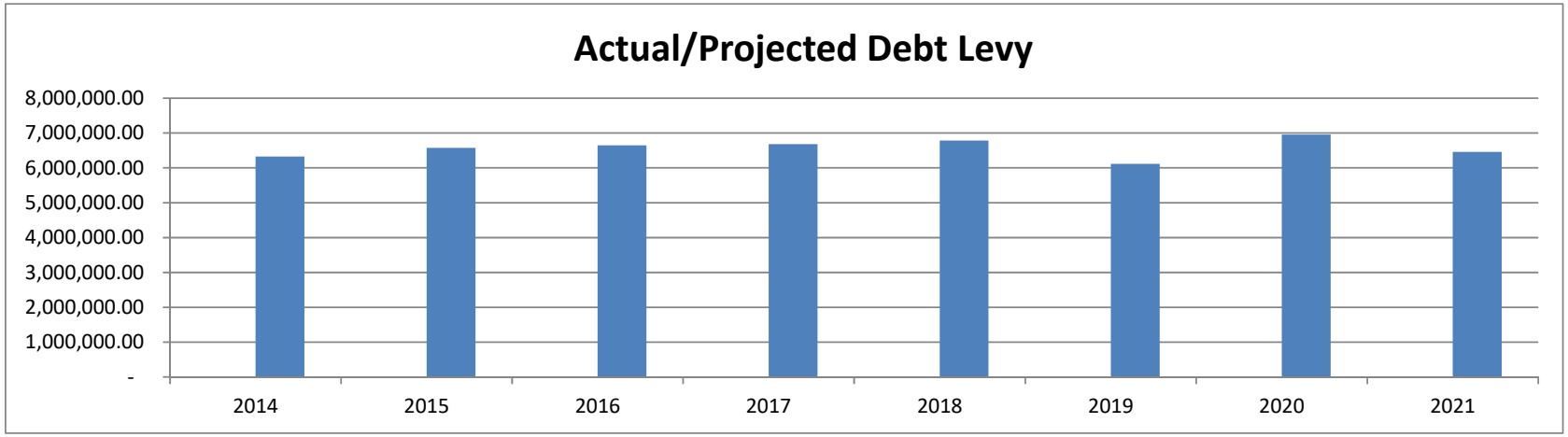
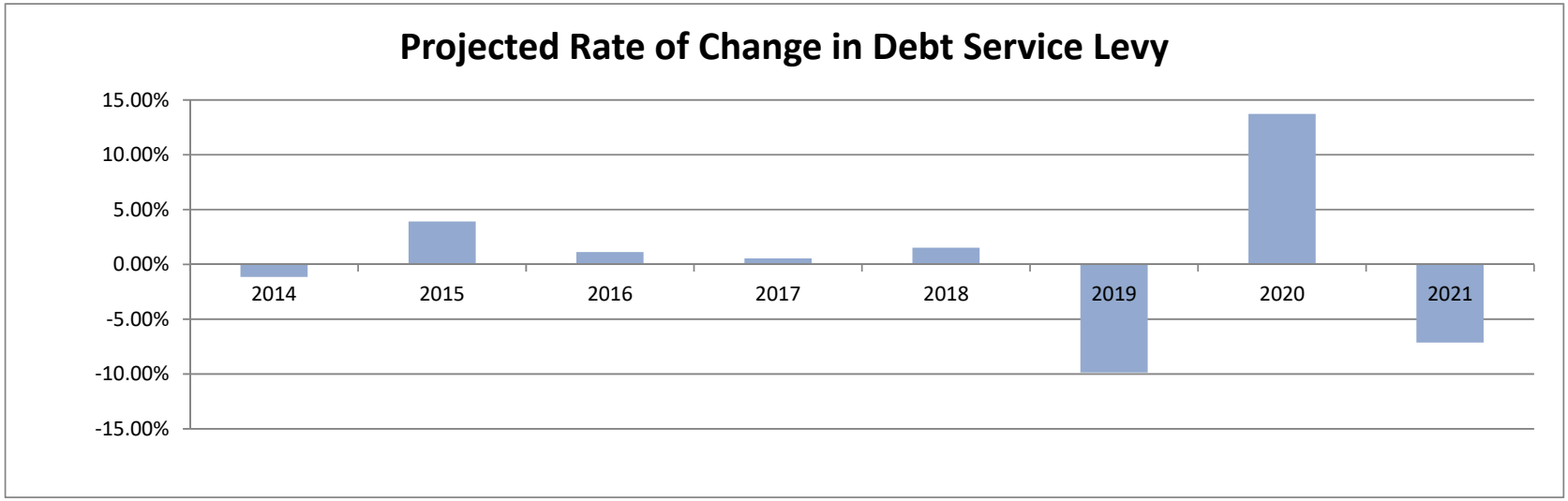
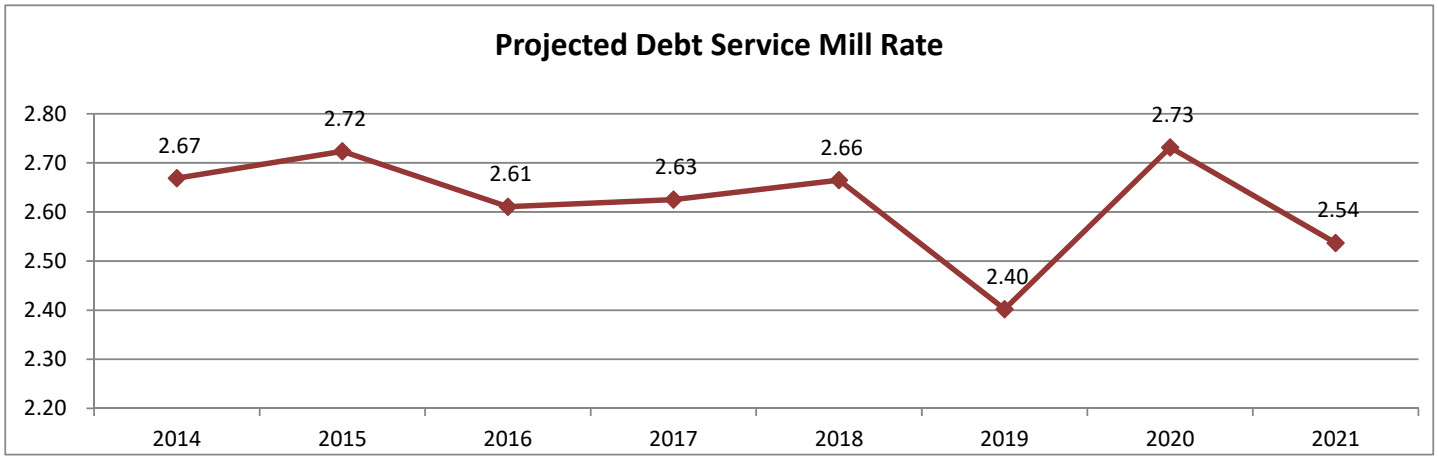
Estimating a 0% Growth

	Actual 2014	Actual 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
GO Debt Service - Existing	-	-	-	6,724,598	6,002,986	4,449,413	4,380,528	3,017,960
GO Debt Service - Projected	-	-	-	-	823,196	1,707,143	2,615,109	3,482,123
Non-Tax Revenues	-	-	-	(39,000)	(39,000)	(39,000)	(39,000)	(39,000)
Use of Fund Balance	-	-	-	-	-	-	-	-
Actual/Projected Debt Levy	6,326,108	6,574,270	6,648,847	6,685,598	6,787,182	6,117,556	6,956,637	6,461,083
Projected Annual Debt Service Change (Y/	(73,295)	248,162	74,577	36,751	101,584	(669,626)	839,081	(495,554)
Percent Change	-1.15%	3.92%	1.13%	0.55%	1.52%	-9.87%	13.72%	-7.12%
Projected Debt Service Mill Rate	2.67	2.72	2.61	2.63	2.66	2.40	2.73	2.54

(Assessed value is projected with no increase)

Estimated Cap Projects Borrowing				6,462,893	6,815,727	7,048,568	6,713,548	6,311,490

(Excluding TIF and Enterprise Funds) (Projection uses level payments over 10 years)



CITY OF SUN PRAIRIE
2017 DEBT SERVICE PROJECTIONS
Estimating a 0% Growth