

PUBLIC NOTICE

PUBLIC NOTICE is hereby given that a special joint meeting of the Common Council and the Water and Sewer Commission of the City of Platteville shall be held on Tuesday, June 13, 2017 at **6:15** PM in the Police Department Conference Room, 165 N. 4th Street, Platteville, WI.

AMENDED COMMON COUNCIL AGENDA

I. CALL TO ORDER

II. ROLL CALL

III. WORK SESSION – Long Range Financial Plan (4) – Water and Sewer Utility [5/9/17]

IV. ADJOURNMENT

If your attendance requires special accommodation, write City Clerk, P.O. Box 780, Platteville, WI 53818 or call (608) 348-9741 Option 6.



EHLERS

LEADERS IN PUBLIC FINANCE

Financial Management Plan Workshop No. 4 Supporting Exhibits

City of Platteville, Wisconsin



June 13, 2017



TABLE OF CONTENTS

Sewer & Water Utilities 2017-2021 Capital Improvement Plan	1
Water & Sewer Utilities Capital Improvement Plan Debt Issue Summary	2
Projected Debt Service Analysis of Proposed CIP	3
Sewer Utility Cash Flow Analysis – Projected 2017-2026	4
Water Utility Cash Flow Analysis – Projected 2017-2026	5
Combined Utility Operations Cash Flow Analysis	6
Combined Utilities Statement of Projected Debt Service Coverage	8
Projected Impact of CIP on Typical Residential Property	9



Sewer and Water Utilities 2017-2021 Capital Improvement Plan

Projects	2017		2018		2019		2020		2021		Total
	Sewer	Water	Sewer	Water	Sewer	Water	Sewer	Water	Sewer	Water	
1 - Elm St (Pine to Furnace) 1,003 feet	\$120,000	\$195,000									\$ 315,000
2 - Laura St (Lilly to West End) 581 feet	\$0	\$125,000									\$ 125,000
3 - Ellen St (Main to Business 151) 2,112 feet	\$315,000	\$335,000									\$ 650,000
4 - Virgin Ave (Main to Bus. 151) 1,953 feet			\$268,000	\$359,000							\$ 627,000
Market St (Chestnut to Hickory) 1,320 feet					\$181,000	\$243,000					\$ 424,000
Court St (Jewett to Lewis) 1,319 feet					\$180,000	\$242,000					\$ 422,000
Lewis St (Water to Court) 1,584 feet					\$216,000	\$291,000					\$ 507,000
Dewey St (Water to Elm) 2,218 feet							\$304,000	\$408,000			\$ 712,000
Bradford St (Main to Irene) 1,161 feet							\$166,000	\$224,000			\$ 390,000
Irene St (Hickory to Bradford) 317 feet							\$45,000	\$61,000			\$ 106,000
Lutheran St (Mineral to Furnace) 264 feet							\$40,000	\$54,000			\$ 94,000
Furnace St (Water to Lutheran) 585 feet							\$88,000	\$119,000			\$ 207,000
Jefferson St (Cedar to North cul-de-sac) 2,692 feet									\$385,000	\$520,000	\$ 905,000
Cedar St (Chestnut to Hickory) 1,425 feet									\$225,000	\$304,000	\$ 529,000
Total	\$435,000	\$655,000	\$268,000	\$359,000	\$577,000	\$776,000	\$643,000	\$866,000	\$610,000	\$824,000	\$ 6,013,000

Sources of Funding

G.O. Debt											\$ -
Revenue Debt			\$ 268,000	\$ 359,000	\$ 577,000	\$ 776,000	\$ 643,000	\$ 866,000	\$ 610,000	\$ 824,000	\$ 4,923,000
User Fees & Fund Balance	\$ 435,000	\$ 655,000									\$ 1,090,000
Total	\$ 435,000	\$ 655,000	\$ 268,000	\$ 359,000	\$ 577,000	\$ 776,000	\$ 643,000	\$ 866,000	\$ 610,000	\$ 824,000	\$ 6,013,000

Water and Sewer Utilities Capital Improvement Plan Debt Issue Summary

	2018 2018-19 Projects	2020 2020 Projects	2021 2021 Projects
	Water and Sewer Revenue Bond	Water and Sewer Revenue Bond	Water and Sewer Revenue Bond
Capital Projects			
Sanitary Sewer			
Sanitary Sewer Improvements	845,000	643,000	610,000
Water Improvements	1,135,000	866,000	824,000
Subtotal Capital Projects	1,980,000	1,509,000	1,434,000
Debt Service Reserve			
Prior Issue Debt Service Reserve	(1,036,283)	(1,085,311)	(1,106,419)
Deposit to Debt Service Reserve	1,085,311	1,106,419	1,183,049
Net Change to Debt Service Reserve	49,028	21,108	76,630
Estimated Issuance Expenses			
Municipal Advisor (Ehlers)	29,200	26,100	26,000
Bond Counsel	12,000	10,000	10,000
Disclosure Counsel	7,200	6,000	6,000
Rating Fee (Moody's Investors Service)	12,500	12,500	12,500
Paying Agent	675	675	675
Maximum Underwriter's Discount	26,500	20,125	19,875
Estimated Cost of Issuance	61,575	55,275	55,175
Total Financing Required	2,117,103	1,605,508	1,585,680
Estimated Interest Earnings ³	0	0	0
Rounding	2,897	4,492	4,320
NET ISSUE SIZE	2,120,000	1,610,000	1,590,000

NOTES:

Projected Debt Service Analysis of Proposed 2017 - 2021 Water and Sewer Utilities CIP

Estimated Future Issue Debt Service and Levy Impact

Year	Series 2018 Water and Sewer Revenue Bonds \$2,120,000 Dated 9/1/2018				Series 2020 Water and Sewer Revenue Bonds \$1,610,000 Dated 9/1/2020				Series 2021 Water and Sewer Revenue Bonds \$1,590,000 Non-BQ				Total Annual Principal Payment	Total Annual Interest Payment	Total Annual P&I Payment	Year
	Prin (5/1)	Est. Rate	Interest	Total	Prin (5/1)	Est. Rate	Interest	Total	Prin (5/1)	Est. Rate	Interest	Total				
2017													0	0	0	2017
2018	0	0.000%		0				0				0	0	0	0	2018
2019	70,000	1.800%	83,752	153,752				0				0	70,000	83,752	153,752	2019
2020	80,000	2.000%	70,268	150,268				0				0	80,000	70,268	150,268	2020
2021	80,000	2.200%	68,588	148,588	55,000	1.700%	59,123	114,123				0	135,000	127,710	262,710	2021
2022	85,000	2.400%	66,688	151,688	60,000	1.850%	49,588	109,588	50,000	1.950%	63,204	113,204	195,000	179,479	374,479	2022
2023	85,000	2.600%	64,563	149,563	60,000	2.050%	48,418	108,418	60,000	2.100%	52,988	112,988	205,000	165,968	370,968	2023
2024	85,000	2.750%	62,289	147,289	70,000	2.250%	47,015	117,015	60,000	2.300%	51,668	111,668	215,000	160,971	375,971	2024
2025	90,000	2.950%	59,793	149,793	70,000	2.500%	45,353	115,353	60,000	2.500%	50,228	110,228	220,000	155,373	375,373	2025
2026	90,000	3.100%	57,070	147,070	70,000	2.700%	43,533	113,533	70,000	2.750%	48,515	118,515	230,000	149,118	379,118	2026
2027	105,000	3.250%	53,969	158,969	70,000	2.800%	41,608	111,608	70,000	2.950%	46,520	116,520	245,000	142,096	387,096	2027
2028	105,000	3.400%	50,478	155,478	70,000	2.900%	39,613	109,613	70,000	3.050%	44,420	114,420	245,000	134,510	379,510	2028
2029	105,000	3.500%	46,855	151,855	75,000	3.000%	37,473	112,473	70,000	3.150%	42,250	112,250	250,000	126,578	376,578	2029
2030	105,000	3.600%	43,128	148,128	80,000	3.150%	35,088	115,088	70,000	3.250%	40,010	110,010	255,000	118,225	373,225	2030
2031	110,000	3.700%	39,203	149,203	80,000	3.250%	32,528	112,528	80,000	3.400%	37,513	117,513	270,000	109,243	379,243	2031
2032	115,000	3.800%	34,983	149,983	80,000	3.350%	29,888	109,888	80,000	3.500%	34,753	114,753	275,000	99,623	374,623	2032
2033	120,000	3.900%	30,458	150,458	85,000	3.450%	27,081	112,081	80,000	3.600%	31,913	111,913	285,000	89,451	374,451	2033
2034	125,000	3.950%	25,649	150,649	85,000	3.500%	24,128	109,128	85,000	3.700%	28,900	113,900	295,000	78,676	373,676	2034
2035	135,000	4.000%	20,480	155,480	90,000	3.600%	21,020	111,020	85,000	3.750%	25,734	110,734	310,000	67,234	377,234	2035
2036	140,000	4.050%	14,945	154,945	95,000	3.700%	17,643	112,643	90,000	3.850%	22,408	112,408	325,000	54,995	379,995	2036
2037	140,000	4.150%	9,205	149,205	95,000	3.750%	14,104	109,104	95,000	3.950%	18,799	113,799	330,000	42,108	372,108	2037
2038	150,000	4.200%	3,150	153,150	105,000	3.800%	10,328	115,328	95,000	4.000%	15,023	110,023	350,000	28,500	378,500	2038
2039					105,000	3.850%	6,311	111,311	105,000	4.050%	10,996	115,996	210,000	17,308	227,308	2039
2040					110,000	3.900%	2,145	112,145	105,000	4.100%	6,718	111,718	215,000	8,863	223,863	2040
2041									110,000	4.150%	2,283	112,283	110,000	2,283	112,283	2041
2042																2042
TOTALS	2,120,000		905,508	3,025,508	1,610,000		631,982	2,241,982	1,590,000		674,838	2,264,838	5,320,000	2,212,328	7,532,328	TOTALS

For Discussion Only

Sewer Utility Cash Flow Analysis - Projected 2017-2026

City of Platteville

Discussion Only



	Estimated YE 2016	Budget 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Revenues											
Total Revenues from User Rates	\$1,866,404	\$2,100,000	\$2,100,000	\$2,163,000	\$2,163,000	\$2,227,890	\$2,227,890	\$2,294,727	\$2,294,727	\$2,363,569	\$2,363,569
Percent Increase to User Rates		0.00%	0.00%	3.00%	0.00%	3.00%	0.00%	3.00%	0.00%	3.00%	0.00%
Cumulative Percent Rate Increase		0.00%	0.00%	3.00%	3.00%	6.00%	6.00%	9.00%	9.00%	12.00%	12.00%
Dollar Amount Increase to Revenues Required			\$0	\$63,000	\$0	\$64,890	\$0	\$66,837	\$0	\$68,842	\$0
Other Revenues											
Forfeited Discounts	\$7,988	\$8,000	\$7,826	\$7,826	\$7,826	\$7,826	\$7,826	\$7,826	\$7,826	\$7,826	\$7,826
Miscellaneous	\$9,360	\$8,950	\$12,378	\$12,378	\$12,378	\$12,378	\$12,378	\$12,378	\$12,378	\$12,378	\$12,378
Interest Income	\$12,976	\$14,000	\$14,350	\$14,709	\$15,076	\$15,453	\$15,840	\$16,236	\$16,642	\$17,058	\$17,484
Total Other Revenues	\$30,324	\$30,950	\$34,554	\$34,913	\$35,281	\$35,657	\$36,044	\$36,440	\$36,846	\$37,262	\$37,688
Total Revenues	\$1,896,728	\$2,130,950	\$2,134,554	\$2,197,913	\$2,198,281	\$2,263,547	\$2,263,934	\$2,331,166	\$2,331,572	\$2,400,830	\$2,401,257
Expenses											
Operating and Maintenance	\$1,041,188	\$1,105,925	\$1,127,204	\$1,149,220	\$1,172,005	\$1,195,592	\$1,220,019	\$1,256,620	\$1,294,318	\$1,333,148	\$1,373,142
Taxes	\$50,831	\$50,000	\$50,250	\$50,501	\$50,754	\$51,008	\$51,263	\$51,775	\$52,293	\$52,816	\$53,344
Net Before Debt Service and Capital Expenditures	\$804,709	\$975,025	\$957,100	\$998,191	\$975,522	\$1,016,947	\$992,652	\$1,022,772	\$984,961	\$1,014,866	\$974,770
Debt Service											
Existing Debt P&I	\$600,624	\$598,608	\$608,802	\$605,759	\$614,426	\$609,792	\$617,395	\$627,009	\$621,322	\$629,972	\$627,501
New (2017-2026) Debt Service P&I		\$0	\$0	\$76,876	\$75,134	\$131,355	\$187,239	\$185,484	\$187,986	\$187,686	\$189,559
Total Debt Service	\$600,624	\$598,608	\$608,802	\$682,635	\$689,560	\$741,148	\$804,635	\$812,493	\$809,308	\$817,658	\$817,060
Cash Funded Capital Improvements	\$0	\$435,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$204,085	(\$58,583)	\$348,297	\$315,557	\$285,962	\$275,800	\$188,017	\$210,278	\$175,653	\$197,208	\$157,710

Notes:

¹2021 is the final year of the City's capital improvement plan.

Water Utility Cash Flow Analysis - Projected 2017-2026

City of Platteville

Discussion Only



	Estimated YE 2016	Budget 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Revenues											
Total Revenues from User Rates	\$2,238,727	\$2,122,000	\$2,122,000	\$2,185,660	\$2,185,660	\$2,251,230	\$2,251,230	\$2,318,767	\$2,318,767	\$2,388,330	\$2,388,330
Percent Increase to User Rates			0.00%	3.00%	0.00%	3.00%	0.00%	3.00%	0.00%	3.00%	0.00%
Cumulative Percent Rate Increase			0.00%	3.00%	3.00%	6.00%	6.00%	9.00%	9.00%	12.00%	12.00%
Increase (Decrease) to Revenues		-\$116,727	\$0	\$63,660	\$0	\$65,570	\$0	\$67,537	\$0	\$69,563	\$0
Other Revenues											
Forefitted Discounts	\$8,168	\$8,000	\$7,873	\$7,873	\$7,873	\$7,873	\$7,873	\$7,873	\$7,873	\$7,873	\$7,873
Other Revenues	\$163,811	\$126,100	\$149,098	\$149,098	\$149,098	\$149,098	\$149,098	\$149,098	\$149,098	\$149,098	\$149,098
Interest Income	\$6,833	\$7,000	\$7,175	\$7,354	\$7,538	\$7,727	\$7,920	\$8,118	\$8,321	\$8,529	\$8,742
Total Other Revenues	\$178,812	\$141,100	\$164,146	\$164,325	\$164,509	\$164,697	\$164,890	\$165,088	\$165,291	\$165,499	\$165,713
Total Revenues	\$2,417,539	\$2,263,100	\$2,286,146	\$2,349,985	\$2,350,169	\$2,415,927	\$2,416,120	\$2,483,855	\$2,484,058	\$2,553,829	\$2,554,042
Expenses											
Operating and Maintenance	\$833,249	\$842,955	\$846,920	\$863,442	\$880,546	\$898,258	\$916,605	\$944,103	\$972,426	\$1,001,599	\$1,031,647
Taxes	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409
Payment in Lieu of Taxes (PILOT)	\$389,292	\$389,304	\$400,590	\$406,775	\$420,146	\$435,067	\$449,264	\$453,757	\$458,294	\$462,877	\$467,506
Net Before Debt Service and Capital Expenditures	\$1,183,589	\$1,019,433	\$1,027,228	\$1,068,360	\$1,038,069	\$1,071,194	\$1,038,842	\$1,074,587	\$1,041,929	\$1,077,944	\$1,043,481
Debt Service											
Existing Debt P&I	\$600,624	\$598,608	\$608,802	\$605,759	\$614,426	\$609,792	\$617,395	\$627,009	\$621,322	\$629,972	\$627,501
New (2016-2025) Debt Service P&I		\$0	\$0	\$76,876	\$75,134	\$131,355	\$187,239	\$185,484	\$187,986	\$187,686	\$189,559
Total Debt Service	\$600,624	\$598,608	\$608,802	\$682,635	\$689,560	\$741,148	\$804,635	\$812,493	\$809,308	\$817,658	\$817,060
Cash Funded Capital Improvements	\$0	\$655,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$582,965	(\$234,175)	\$418,425	\$385,725	\$348,509	\$330,047	\$234,208	\$262,093	\$232,621	\$260,286	\$226,421

Notes:

¹2021 is the final year of the City's capital improvement plan.

	Actual		Estimated	Budgeted	1	2	3	4	5	6	7	8	9
	2014	2015	2016	2017	Projected								
					2018	2019	2020	2021	2022	2023	2024	2025	2026
1 Beginning net assets	21,868,480	22,766,760	23,607,813	23,964,996	24,305,109	24,637,422	24,971,992	25,272,431	25,596,908	25,820,410	26,131,692	26,386,497	26,723,132
2													
3 Operating Revenues													
4 Sewer charges	2,133,208	2,137,623	1,866,404	2,100,000	2,100,000	2,163,000	2,163,000	2,227,890	2,227,890	2,294,727	2,294,727	2,363,569	2,363,569
Forfeited discounts		8,327	7,988	8,000	7,826	7,826	7,826	7,826	7,826	7,826	7,826	7,826	7,826
Miscellaneous	16,684	7,414	9,360	8,950	12,378	12,378	12,378	12,378	12,378	12,378	12,378	12,378	12,378
7 Total Operating Revenues	2,149,892	2,153,364	1,883,752	2,116,950	2,120,204	2,183,204	2,183,204	2,248,094	2,248,094	2,314,931	2,314,931	2,383,773	2,383,773
8													
9 Metered Water Sales	2,224,851	1,285,675	2,238,727	2,122,000	2,122,000	2,185,660	2,185,660	2,251,230	2,251,230	2,318,767	2,318,767	2,388,330	2,388,330
Private Fire Protection		87,239											
Public Fire Protection		615,231											
Public authorities		249,285											
Forfeited discounts		8,009	8,168	8,000	7,873	7,873	7,873	7,873	7,873	7,873	7,873	7,873	7,873
Miscellaneous	162,314	155,860	163,811	126,100	149,098	149,098	149,098	149,098	149,098	149,098	149,098	149,098	149,098
12 Total Operating Revenues	2,387,165	2,401,299	2,410,706	2,256,100	2,278,971	2,342,631	2,342,631	2,408,200	2,408,200	2,475,737	2,475,737	2,545,300	2,545,300
13													
14 Operating Expenses - Sewer													
15 Operating & maintenance	889,471	1,078,984	1,041,188	1,105,925	1,127,204	1,149,220	1,172,005	1,195,592	1,220,019	1,256,620	1,294,318	1,333,148	1,373,142
16 Depreciation - Sewer	633,335	642,973	652,758	662,691	672,776	683,014	693,408	703,960	714,673	725,549	736,590	747,800	759,179
17 Taxes	49,143	50,266	50,831	50,000	50,250	50,501	50,754	51,008	51,263	51,775	52,293	52,816	53,344
18 Total Sewer Operating Expenses	1,571,949	1,772,223	1,744,776	1,818,616	1,850,230	1,882,736	1,916,167	1,950,560	1,985,955	2,033,944	2,083,202	2,133,763	2,185,666
19													
20 Operating Expenses - Water													
21 Operating & maintenance	800,867	847,841	833,249	842,955	846,920	863,442	880,546	898,258	916,605	944,103	972,426	1,001,599	1,031,647
22 Depreciation - Water	486,342	490,599	494,893	499,225	503,595	508,003	512,449	516,935	521,460	526,024	530,629	535,273	539,958
23 Taxes	11,897	10,920	11,409	11,409	11,409	11,409	11,409	11,409	11,409	11,409	11,409	11,409	11,409
24 Total Water Operating Expenses	1,299,106	1,349,360	1,339,551	1,353,589	1,361,923	1,382,853	1,404,404	1,426,601	1,449,474	1,481,536	1,514,464	1,548,281	1,583,014
25													
26													
27 Net Operations	1,666,001	1,433,080	1,210,131	1,200,845	1,187,021	1,260,246	1,205,264	1,279,133	1,220,866	1,275,188	1,193,003	1,247,029	1,160,393
28 Non operating revenues (expenses)													
29 Interest Income	7,520	13,253	19,809	21,000	21,525	22,063	22,615	23,180	23,760	24,354	24,962	25,586	26,226
30 Interest Expense - Existing Debt	(484,398)	(497,164)	(483,465)	(492,427)	(475,644)	(457,212)	(437,027)	(415,059)	(392,380)	(368,536)	(343,895)	(317,730)	(289,122)
31 Interest Expense - New Rev Bond Debt (2017-2026)	0	0	0	0	0	(83,752)	(70,268)	(127,710)	(179,479)	(165,968)	(160,971)	(155,373)	(149,118)
32 Amortization of debt premium	13,387	16,162	0	0	0	0	0	0	0	0	0	0	0
Loss on sale of fixed assets		(7,631)	0	0	0	0	0	0	0	0	0	0	0
33 Transfer of tax equivalent	(411,467)	(397,742)	(389,292)	(389,304)	(400,590)	(406,775)	(420,146)	(435,067)	(449,264)	(453,757)	(458,294)	(462,877)	(467,506)
34 Total non operating revenue (expenses)	(874,959)	(873,121)	(852,948)	(860,731)	(854,709)	(925,676)	(904,825)	(954,656)	(997,364)	(963,906)	(938,199)	(910,393)	(879,519)
35													
36 Net increase (decrease) in resources	791,042	559,958	357,183	340,114	332,312	334,570	300,439	324,477	223,502	311,282	254,805	336,635	280,874
37													
38 Operating Transfer In (Out)	0	0											
39 Capital Contributions	107,238	859											
40 Cumulative effect of change in accting prin	0	280,236											
41 Ending Net Assets	22,766,760	23,607,813	23,964,996	24,305,109	24,637,422	24,971,992	25,272,431	25,596,908	25,820,410	26,131,692	26,386,497	26,723,132	27,004,006
42 CIP Funding													
43 Purchase of Capital Assets - Sewer				(435,000)	(268,000)	(577,000)	(643,000)	(610,000)	0	0	0	0	0
44 Purchase of Capital Assets - Water				(655,000)	(359,000)	(776,000)	(866,000)	(824,000)	0	0	0	0	0
45 Purchase of Capital Assets - Combined*	(1,319,557)	(1,487,107)		0	0	0	0	0	0	0	0	0	0
46 Payments for major repairs	(78,008)	0											
47 Sale of Capital Assets	0	2,537											
48 Cost of Removals	0	(11,495)											
49 Proceeds from Bonds	0	5,535,097			627,000	1,353,000	1,509,000	1,434,000					
50 Principal paid on Existing debt	(625,699)	(4,680,943)	(717,783)	(704,788)	(741,961)	(754,305)	(791,825)	(804,526)	(842,410)	(885,483)	(898,750)	(942,214)	(965,881)
51 Purchase of investments	(500,000)	(500,000)			0	0	0	0	0	0	0	0	0
52 Receipt from investments maturing	500,000	500,000			0	0	0	0	0	0	0	0	0
53 Special Assessments Received	0	0			0	0	0	0	0	0	0	0	0
54 Capital contributions	17,340	859			0	0	0	0	0	0	0	0	0
55 Future Revenue Bond Principal (2016-2025)	0	0			0	(70,000)	(80,000)	(135,000)	(195,000)	(205,000)	(215,000)	(220,000)	(230,000)
56													

	Actual		Estimated	Budgeted	1	2	3	4	5	6	7	8	9
	2014	2015	2016	2017	Projected								
					2018	2019	2020	2021	2022	2023	2024	2025	2026
1 Beginning net assets	21,868,480	22,766,760	23,607,813	23,964,996	24,305,109	24,637,422	24,971,992	25,272,431	25,596,908	25,820,410	26,131,692	26,386,497	26,723,132
57 Beginning Cash	4,149,964	3,966,318	5,099,989	5,887,039	5,594,281	6,361,003	7,062,285	7,696,757	8,302,603	8,724,828	9,197,200	9,605,474	10,062,968
58 Add net operations (line 31)	1,666,001	1,433,080	1,210,131	1,200,845	1,187,021	1,260,246	1,205,264	1,279,133	1,220,866	1,275,188	1,193,003	1,247,029	1,160,393
59 Add back depreciation (lines 20 & 26)	1,119,677	1,133,572	1,147,651	1,161,916	1,176,371	1,191,017	1,205,858	1,220,895	1,236,133	1,251,573	1,267,219	1,283,073	1,299,138
60 Add net non operating (line 38)	(874,959)	(873,121)	(852,948)	(860,731)	(854,709)	(925,676)	(904,825)	(954,656)	(997,364)	(963,906)	(938,199)	(910,393)	(879,519)
61 Add capital and bond (lines 49-59)	(2,005,924)	(641,052)	(717,783)	(1,794,788)	(741,961)	(824,305)	(871,825)	(939,526)	(1,037,410)	(1,090,483)	(1,113,750)	(1,162,214)	(1,195,881)
62 Add transfer in (out)	0	0	0	0	0	0	0	0	0	0	0	0	0
63 Net change in balance sheet items	(88,441)	81,193	0	0	0	0	0	0	0	0	0	0	0
64 Ending Cash	3,966,318	5,099,989	5,887,039	5,594,281	6,361,003	7,062,285	7,696,757	8,302,603	8,724,828	9,197,200	9,605,474	10,062,968	10,447,099
65 Restricted Cash	3,153,700	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244	4,240,244
66 Unrestricted Cash	812,618	859,745	1,646,795	1,354,037	2,120,759	2,822,041	3,456,513	4,062,359	4,484,584	4,956,956	5,365,230	5,822,724	6,206,855
67													
68 Ending Net Assets	22,766,760	23,607,813	23,964,996	24,305,109	24,637,422	24,971,992	25,272,431	25,596,908	25,820,410	26,131,692	26,386,497	26,723,132	27,004,006
69													
70 Target minimum working capital (note 2)	6,613,635	2,762,040	2,739,379	2,803,707	2,971,346	3,011,914	3,142,581	3,297,850	3,342,701	3,376,356	3,434,149	3,475,142	2,040,046
71 Actual working capital-cash balance	3,966,318	5,099,989	5,887,039	5,594,281	6,361,003	7,062,285	7,696,757	8,302,603	8,724,828	9,197,200	9,605,474	10,062,968	10,447,099
72 Over (Under) target working capital	(2,647,317)	2,337,949	3,147,660	2,790,574	3,389,657	4,050,371	4,554,176	5,004,753	5,382,128	5,820,844	6,171,325	6,587,826	8,407,053
87 Note 2: Target capital equals 6 mos of operating expenses, including depreciation, plus 100% of next year's debt.													

City of Platteville, WI
 Combined Sewer & Water Utility
 Statement of Projected Coverage



Year	Operating Revenues	Less: Operating Expenses	Amount Available for Debt Service	Total Existing Revenue Bond Debt P&I	2017-2026 Revenue Bond Debt P&I	Total Revenue Bond Debt Service	Coverage
2016	4,314,267	(1,936,676)	2,377,591	1,201,248		1,201,248	1.98
2017	4,394,050	(2,010,289)	2,383,762	1,197,216		1,197,216	1.99
2018	4,420,700	(2,035,783)	2,384,917	1,217,605	-	1,217,605	1.96
2019	4,547,898	(2,074,572)	2,473,326	1,211,517	153,752	1,365,269	1.81
2020	4,548,449	(2,114,713)	2,433,737	1,228,852	150,268	1,379,120	1.76
2021	4,679,475	(2,156,266)	2,523,208	1,219,585	262,710	1,482,295	1.70
2022	4,680,054	(2,199,295)	2,480,759	1,234,791	374,479	1,609,269	1.54
2023	4,815,022	(2,263,907)	2,551,115	1,254,019	370,968	1,624,986	1.57
2024	4,815,631	(2,330,446)	2,485,184	1,242,645	375,971	1,618,616	1.54
2025	4,954,659	(2,398,972)	2,555,688	1,259,944	375,373	1,635,316	1.56
2026	4,955,299	(2,469,542)	2,485,757	1,255,002	379,118	1,634,120	1.52

City of Platteville

Projected Impact of CIP on Typical Residential Property



Year									Total		Year
	Water User Charge ¹	Water User Charge ¹	Utility Bill (Annual)	Change Over Prior Year	Sewer User Charge ²	Sewer User Charge ²	Utility Bill (Annual)	Change Over Prior Year	Total	Change Over Prior Year	
	CCF	PFP+Gen			CCF	Gen Service					
2017	3.48	18.80	\$ 448.92		4.75	15.45	\$ 490.21		\$ 939.13		2017
2018	3.48	18.80	\$ 448.92	\$ -	4.75	15.45	\$ 490.21	\$ -	\$ 939.13	\$ -	2018
2019	3.58	19.36	\$ 462.38	\$ 13.47	4.89	15.91	\$ 504.92	\$ 14.71	\$ 967.30	\$ 28.17	2019
2020	3.58	19.36	\$ 462.38	\$ -	4.89	15.91	\$ 504.92	\$ -	\$ 967.30	\$ -	2020
2021	3.69	19.94	\$ 476.25	\$ 13.87	5.04	16.39	\$ 520.07	\$ 15.15	\$ 996.32	\$ 29.02	2021
2022	3.69	19.94	\$ 476.25	\$ -	5.04	16.39	\$ 520.07	\$ -	\$ 996.32	\$ -	2022
2023	3.80	20.54	\$ 490.54	\$ 14.29	5.19	16.88	\$ 535.67	\$ 15.60	\$ 1,026.21	\$ 29.89	2023
2024	3.80	20.54	\$ 490.54	\$ -	5.19	16.88	\$ 535.67	\$ -	\$ 1,026.21	\$ -	2024
2025	3.92	21.16	\$ 505.26	\$ 14.72	5.35	17.39	\$ 551.74	\$ 16.07	\$ 1,057.00	\$ 30.79	2025
2026	3.92	21.16	\$ 505.26	\$ -	5.35	17.39	\$ 551.74	\$ -	\$ 1,057.00	\$ -	2026

NOTES:

1. Includes monthly fire protection charge of \$10.30, the general service charge rate of 8.50 and a volumetric rate of \$3.48/100 cu ft.
2. The sewer user charges include a volumetric rate of 4.75 per 100 cubic feet plus a monthly charge of 15.45 for a 5/8 inch meter.
The usage is assumed to be 4,000 gallons per month or 535 cubic feet.
3. 2021 is the final year of the City's Capital Improvement Plan.

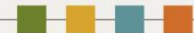


EHLERS
LEADERS IN PUBLIC FINANCE

City of Platteville Financial Management Plan Workshop #4



6/13/17



Workshop Agenda

- Sewer and Water Utilities CIP
- Projected Financing Summary
- Review Sanitary Sewer Model and Cash Flow Analysis
- Review Water Model and Cash Flow Analysis
- Discuss Next Steps



Utilities Capital Improvement Plan Summary

	Sewer	Water	Total
Total 2017-2021 Project Costs	2,533,000	3,480,000	6,013,000
Less Utility Cash Funded Projects	(435,000)	(655,000)	(1,090,000)
Total Costs Requiring Debt Financing	2,098,000	2,825,000	4,923,000
Debt Service Reserve Requirement			146,766
Estimated Issuance Expenses			238,525
Interest Earnings and Rounding			11,709
Total Estimated Debt to be Issued			5,320,000

Page 1 of Handout



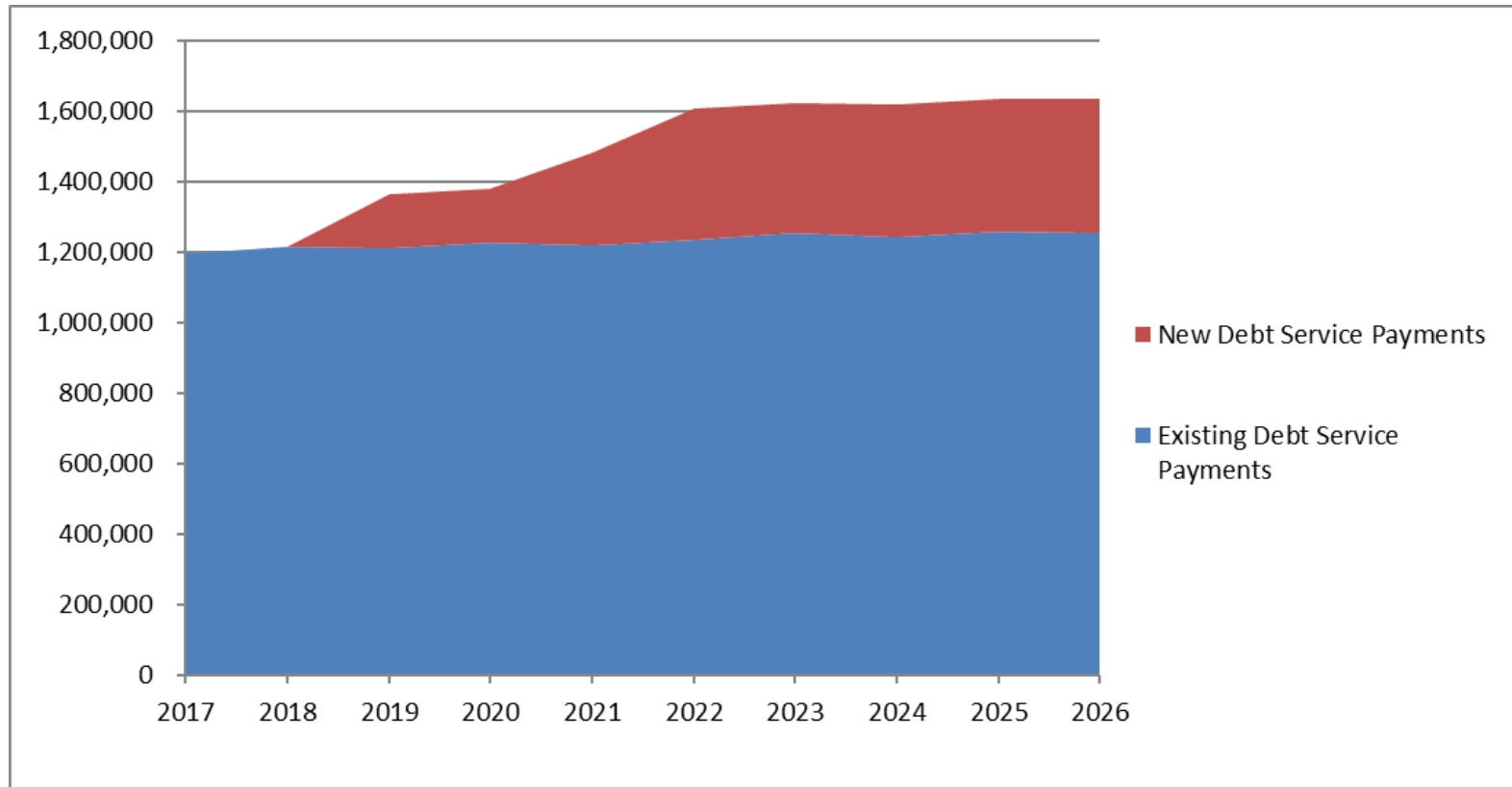
Sewer and Water Projected Financing Plan

- \$1,090,000 cash funded projects in 2017
- \$2,120,000 Revenue Bonds in 2018 for 2018-19 projects
- \$1,610,000 Revenue Bonds in 2020 for 2020 projects
- \$1,590,000 Revenue Bonds in 2021 for 2021 projects

Pages 1 and 2 of Handout



Utilities CIP Financing Plan



Sewer Cash Flow Summary

	Estimated YE 2016	Budget 2017	2018	2019	2020	2021	2022
Revenues							
Total Revenues from User Rates	\$1,866,404	\$2,100,000	\$2,100,000	\$2,163,000	\$2,163,000	\$2,227,890	\$2,227,890
Percent Increase to User Rates		0.00%	0.00%	3.00%	0.00%	3.00%	0.00%
Cumulative Percent Rate Increase		0.00%	0.00%	3.00%	3.00%	6.00%	6.00%
Dollar Amount Increase to Revenues Required			\$0	\$63,000	\$0	\$64,890	\$0
Other Revenues							
Forfeited Discounts	\$7,988	\$8,000	\$7,826	\$7,826	\$7,826	\$7,826	\$7,826
Miscellaneous	\$9,360	\$8,950	\$12,378	\$12,378	\$12,378	\$12,378	\$12,378
Interest Income	\$12,976	\$14,000	\$14,350	\$14,709	\$15,076	\$15,453	\$15,840
Total Other Revenues	\$30,324	\$30,950	\$34,554	\$34,913	\$35,281	\$35,657	\$36,044
Total Revenues	\$1,896,728	\$2,130,950	\$2,134,554	\$2,197,913	\$2,198,281	\$2,263,547	\$2,263,934
Expenses							
Operating and Maintenance	\$1,041,188	\$1,105,925	\$1,127,204	\$1,149,220	\$1,172,005	\$1,195,592	\$1,220,019
Taxes	\$50,831	\$50,000	\$50,250	\$50,501	\$50,754	\$51,008	\$51,263
Net Before Debt Service and Capital Expenditures	\$804,709	\$975,025	\$957,100	\$998,191	\$975,522	\$1,016,947	\$992,652
Debt Service							
Existing Debt P&I	\$600,624	\$598,608	\$608,802	\$605,759	\$614,426	\$609,792	\$617,395
New (2017-2026) Debt Service P&I		\$0	\$0	\$76,876	\$75,134	\$131,355	\$187,239
Total Debt Service	\$600,624	\$598,608	\$608,802	\$682,635	\$689,560	\$741,148	\$804,635
Cash Funded Capital Improvements	\$0	\$435,000	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$204,085	(\$58,583)	\$348,297	\$315,557	\$285,962	\$275,800	\$188,017



Water Utility Cash Flow Analysis

	Estimated YE 2016	Budget 2017	2018	2019	2020	2021	2022
Revenues							
Total Revenues from User Rates	\$2,238,727	\$2,122,000	\$2,122,000	\$2,185,660	\$2,185,660	\$2,251,230	\$2,251,230
Percent Increase to User Rates			0.00%	3.00%	0.00%	3.00%	0.00%
Cumulative Percent Rate Increase			0.00%	3.00%	3.00%	6.00%	6.00%
Increase (Decrease) to Revenues		-\$116,727	\$0	\$63,660	\$0	\$65,570	\$0
Other Revenues							
Forefitted Discounts	\$8,168	\$8,000	\$7,873	\$7,873	\$7,873	\$7,873	\$7,873
Other Revenues	\$163,811	\$126,100	\$149,098	\$149,098	\$149,098	\$149,098	\$149,098
Interest Income	\$6,833	\$7,000	\$7,175	\$7,354	\$7,538	\$7,727	\$7,920
Total Other Revenues	\$178,812	\$141,100	\$164,146	\$164,325	\$164,509	\$164,697	\$164,890
Total Revenues	\$2,417,539	\$2,263,100	\$2,286,146	\$2,349,985	\$2,350,169	\$2,415,927	\$2,416,120
Expenses							
Operating and Maintenance	\$833,249	\$842,955	\$846,920	\$863,442	\$880,546	\$898,258	\$916,605
Taxes	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409	\$11,409
Payment in Lieu of Taxes (PILOT)	\$389,292	\$389,304	\$400,590	\$406,775	\$420,146	\$435,067	\$449,264
Net Before Debt Service and Capital Expenditures	\$1,183,589	\$1,019,433	\$1,027,228	\$1,068,360	\$1,038,069	\$1,071,194	\$1,038,842
Debt Service							
Existing Debt P&I	\$600,624	\$598,608	\$608,802	\$605,759	\$614,426	\$609,792	\$617,395
New (2016-2025) Debt Service P&I		\$0	\$0	\$76,876	\$75,134	\$131,355	\$187,239
Total Debt Service	\$600,624	\$598,608	\$608,802	\$682,635	\$689,560	\$741,148	\$804,635
Cash Funded Capital Improvements	\$0	\$655,000	\$0	\$0	\$0	\$0	\$0
Net Annual Cash Flow	\$582,965	(\$234,175)	\$418,425	\$385,725	\$348,509	\$330,047	\$234,208



Joint Utilities Debt Coverage Analysis

Year	Operating Revenues	Less: Operating Expenses	Amount Available for Debt Service	Total Existing Revenue Bond Debt P&I	2017-2026 Revenue Bond Debt P&I	Total Revenue Bond Debt Service	Coverage
2016	4,314,267	(1,936,676)	2,377,591	1,201,248		1,201,248	1.98
2017	4,394,050	(2,010,289)	2,383,762	1,197,216		1,197,216	1.99
2018	4,420,700	(2,035,783)	2,384,917	1,217,605	-	1,217,605	1.96
2019	4,547,898	(2,074,572)	2,473,326	1,211,517	153,752	1,365,269	1.81
2020	4,548,449	(2,114,713)	2,433,737	1,228,852	150,268	1,379,120	1.76
2021	4,679,475	(2,156,266)	2,523,208	1,219,585	262,710	1,482,295	1.70
2022	4,680,054	(2,199,295)	2,480,759	1,234,791	374,479	1,609,269	1.54
2023	4,815,022	(2,263,907)	2,551,115	1,254,019	370,968	1,624,986	1.57
2024	4,815,631	(2,330,446)	2,485,184	1,242,645	375,971	1,618,616	1.54
2025	4,954,659	(2,398,972)	2,555,688	1,259,944	375,373	1,635,316	1.56
2026	4,955,299	(2,469,542)	2,485,757	1,255,002	379,118	1,634,120	1.52



Estimated Impact of CIP to Avg. SF Home

Year	Water User Charge ¹		Utility Bill (Annual)	Change Over Prior Year	Sewer User Charge ²		Utility Bill (Annual)	Change Over Prior Year	Total		
	CCF	PFP+Gen			CCF	Gen Service			Total	Change Over Prior Year	Year
2017	3.48	18.80	\$ 448.92		4.75	15.45	\$ 490.21		\$ 939.13		2017
2018	3.48	18.80	\$ 448.92	\$ -	4.75	15.45	\$ 490.21	\$ -	\$ 939.13	\$ -	2018
2019	3.58	19.36	\$ 462.38	\$ 13.47	4.89	15.91	\$ 504.92	\$ 14.71	\$ 967.30	\$ 28.17	2019
2020	3.58	19.36	\$ 462.38	\$ -	4.89	15.91	\$ 504.92	\$ -	\$ 967.30	\$ -	2020
2021	3.69	19.94	\$ 476.25	\$ 13.87	5.04	16.39	\$ 520.07	\$ 15.15	\$ 996.32	\$ 29.02	2021
2022	3.69	19.94	\$ 476.25	\$ -	5.04	16.39	\$ 520.07	\$ -	\$ 996.32	\$ -	2022
2023	3.80	20.54	\$ 490.54	\$ 14.29	5.19	16.88	\$ 535.67	\$ 15.60	\$ 1,026.21	\$ 29.89	2023
2024	3.80	20.54	\$ 490.54	\$ -	5.19	16.88	\$ 535.67	\$ -	\$ 1,026.21	\$ -	2024
2025	3.92	21.16	\$ 505.26	\$ 14.72	5.35	17.39	\$ 551.74	\$ 16.07	\$ 1,057.00	\$ 30.79	2025
2026	3.92	21.16	\$ 505.26	\$ -	5.35	17.39	\$ 551.74	\$ -	\$ 1,057.00	\$ -	2026

NOTES:

1. Includes monthly fire protection charge of \$10.30, the general service charge rate of 8.50 and a volumetric rate of \$3.48/100 cu ft.

2. The sewer user charges include a volumetric rate of 4.75 per 100 cubic feet plus a monthly charge of 15.45 for a 5/8 inch meter.

The usage is assumed to be 4,000 gallons per month or 535 cubic feet.

3. 2021 is the final year of the City's Capital Improvement Plan.



Next Steps

- Discussion and feedback on:
 - Assumptions made
 - Key issues
 - Additional model iterations desired if applicable

