



Stoughton Utilities

600 South Fourth Street
P.O. Box 383
Stoughton, WI 53589-0383

Serving Electric, Water & Wastewater Since 1886

Date: October 4, 2019

To: Stoughton Utilities Committee

From: Jamin Friedl, CPA
City of Stoughton Finance Director

Jill M. Weiss, P.E.
Stoughton Utilities Director

Subject: Stoughton Utilities Proposed 2020 Budget and Five Year (2020 – 2024) Capital Improvement Projects (CIP) Plan.

We have completed efforts utilizing system plans, projections and engineering studies, and 2019 financial forecasts to develop our Proposed 2020 Budget and Five-Year CIP Plan. The following items are meant to illustrate changes in the financial summary from prior periods:

- At this point in time, we incorporated a market adjustment to the existing pay structure based on the annual MEUW survey.
- The following inflationary amounts were used where appropriate:
 - Electric O&M – 2.00%
 - Electric PILOT – 0.00%
 - Water O&M – 3.00%
 - Water PILOT – 0.00%
 - Wastewater O&M – 1.80%
- The proposed 2020 budget reflects a proposed 3% increase in water rates with an estimated implementation date of April 1, 2020.
 - The adjustment will result in an increase of approximately \$.75 to the average water residential customer's monthly bill assuming 3,000 gallons per month.
- The proposed 2020 budget reflects a proposed 6% increase in wastewater rates with an estimated implementation date of January 1, 2020.
 - The adjustment will result in an increase of approximately \$1.33 to the average wastewater residential customer's monthly bill assuming 3,000 gallons per month.

- The proposed 2020 budget reflects a proposed 2.5% proposed increase in electric rates with an estimated implementation date of July 1, 2020.
 - The adjustment will result in an increase of approximately \$2.32 to the average electric residential customer's monthly bill assuming 800 kWh per month.
- The Water Utility is anticipating a borrowing of \$1,900,000 in 2019 to fund the 2019 and 2020 Capital Improvements Projects.

Adoption of the proposed 2020 Budget will serve as instruction to staff to move forward with the planned 2020 rate reviews of the wastewater, water, and electric as shown above, with the understanding that the Wisconsin Public Service Commission will also complete an independent review of the proposals and may adjust the proposed increases.

Our Stoughton Utilities Proposed 2020 Budget and Five-Year CIP is provided for approval and recommendation to the City of Stoughton Common Council. It will be presented at an October 16, 2019 Common Council workshop, and is scheduled for Common Council adoption on November 12, 2019.

Encl.



STOUGHTON UTILITIES

Proposed Annual Budget for the Year
2020

**FOR THE FISCAL YEAR
JANUARY 1, 2020 THROUGH
DECEMBER 31, 2020
Jamin Friedl, CPA**



**Stoughton Utilities
2020 Proposed Budget Summary**

accounting shared/budget/

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
OPERATING REVENUES	\$ 15,779,504	\$ 2,354,847	\$ 2,179,272	\$ 20,313,623
OPERATING EXPENSES				
Operation & Maintenance Expense	\$ 13,614,363	\$ 1,109,161	\$ 1,193,903	\$ 15,917,427
Taxes (PILOT)	\$ 472,455	\$ 460,046	\$ -	\$ 932,501
Depreciation	\$ 1,073,976	\$ 380,691	\$ 889,260	\$ 2,343,927
Total Operating Expenses	\$ 15,160,794	\$ 1,949,898	\$ 2,083,163	\$ 19,193,855
OPERATING INCOME	\$ 618,710	\$ 404,949	\$ 96,109	\$ 1,119,768
RATE OF RETURN (ROR)	3.87%	3.60%		

STOUGHTON ELECTRIC UTILITY
OPERATING REVENUES AND EXPENSES
FORECASTED FOR THE YEAR 2020

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OPERATING REVENUES	Proposed	% Change	Estimated	Actual	Actual	Actual
Sales	2020	2020/2019	2019	2018	2017	2016
Residential	\$ 7,908,655	6.3%	\$ 7,441,327	\$ 7,661,302	\$ 7,579,894	\$ 7,708,713
General Service	\$ 1,958,428	9.0%	\$ 1,797,126	\$ 1,836,320	\$ 1,881,879	\$ 1,975,648
Small Power CP1 Customers	\$ 1,700,549	6.3%	\$ 1,600,027	\$ 1,650,121	\$ 1,628,053	\$ 1,509,874
Large Power CP2 Customers	\$ 1,072,638	3.1%	\$ 1,040,171	\$ 1,072,894	\$ 1,122,227	\$ 914,513
Industrial Power CP3 Customers	\$ 2,872,276	11.2%	\$ 2,583,549	\$ 2,661,544	\$ 2,770,652	\$ 2,742,903
Street Lighting	\$ 121,958	5.0%	\$ 116,179	\$ 113,848	\$ 123,881	\$ 129,286
Total Sales	\$ 15,634,504	7.2%	\$ 14,578,379	\$ 14,996,029	\$ 15,106,586	\$ 14,980,937
Other Operating Revenues						
Forfeited Discounts (Penalties, NSF, Reconnect)	\$ 33,825	7.2%	\$ 31,540	\$ 32,444	\$ 32,924	\$ 35,433
Other (Permits, ATC Common Facilities, etc.)	\$ 111,175	-14.1%	\$ 129,460	\$ 107,557	\$ 110,113	\$ 99,834
Total Other Operating Revenues	\$ 145,000		\$ 145,000	\$ 140,001	\$ 143,037	\$ 135,267
Total Operating Revenues	\$ 15,779,504		\$ 14,723,379	\$ 15,136,030	\$ 15,249,623	\$ 15,116,204
OPERATING EXPENSES						
Power Production Expenses (WPPI-Wholesale Power)	\$ 11,750,000	7.9%	\$ 10,890,580	\$ 11,288,599	\$ 11,501,767	\$ 11,588,139
Transmission/Distribution (Substations, Poles, Lines, etc.)	\$ 646,348	-10.4%	\$ 721,340	\$ 614,409	\$ 637,495	\$ 551,179
Customer Accounting and Collection	\$ 283,920	2.0%	\$ 278,350	\$ 274,725	\$ 259,425	\$ 284,394
Administrative and General (Salaries, Benefits, Insurance)	\$ 934,095	3.7%	\$ 900,491	\$ 861,890	\$ 789,731	\$ 848,573
Depreciation	\$ 1,073,976	4.1%	\$ 1,031,507	\$ 964,067	\$ 881,530	\$ 869,843
PILOT	\$ 472,455	2.9%	\$ 459,330	\$ 432,589	\$ 394,626	\$ 376,785
Total Operating Expenses	\$ 15,160,794		\$ 14,281,598	\$ 14,436,279	\$ 14,464,574	\$ 14,518,913
REGULATORY OPERATING INCOME (LOSS)	\$ 618,710		\$ 441,781	\$ 699,751	\$ 785,049	\$ 597,291
ROR	3.87%		2.78%	4.99%	6.46%	4.95%

ELECTRIC

		O&M	\$ Change from Prior Year	% Change from Prior Year
ACTUAL	2007	\$ 1,597,738		
	2008	\$ 1,340,925	\$ (256,813)	-16.07%
	2009	\$ 1,361,451	\$ 20,526	1.53%
	2010	\$ 1,372,746	\$ 11,295	0.83%
	2011	\$ 1,399,875	\$ 27,129	1.98%
	2012	\$ 1,279,340	\$ (120,535)	-8.61%
	2013	\$ 1,429,003	\$ 149,663	11.70%
	2014	\$ 1,478,092	\$ 49,089	3.44%
	2015	\$ 1,441,526	\$ (36,566)	-2.47%
	2016	\$ 1,513,462	\$ 71,936	4.99%
FORECASTED	2017	\$ 1,513,434	\$ (28)	0.00%
	2018	\$ 1,574,655	\$ 61,221	4.05%
	2019	\$ 1,720,284	\$ 145,629	9.25%
	2020	\$ 1,680,867	\$ (39,417)	-2.29%
	2021	\$ 1,871,631	\$ 190,764	11.35%
	2022	\$ 1,710,203	\$ (161,428)	-8.62%
	2023	\$ 1,736,553	\$ 26,350	1.54%
	2024	\$ 1,951,793	\$ 215,240	12.39%

\$150K Tree Trimming; \$5K Sub Battery Replacement; \$9K System Study

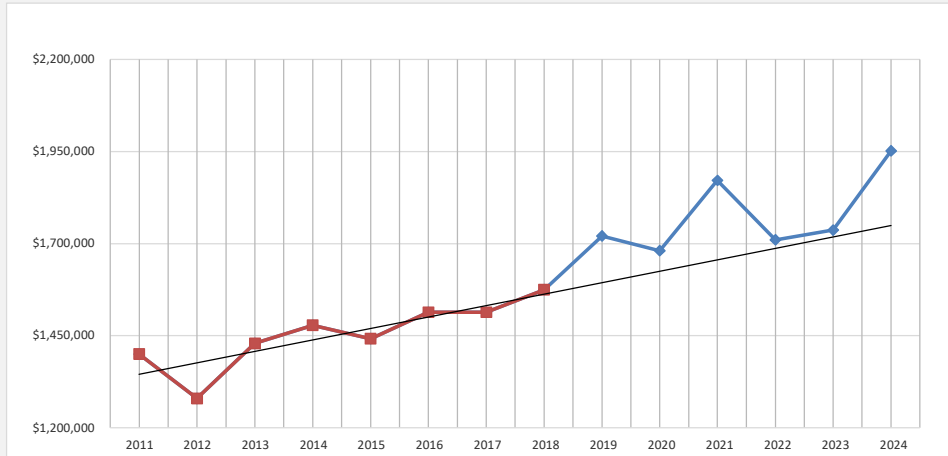
\$175K Tree Trimming

\$175K Tree Trimming

Annual inflation over last five years 2.04%

Annual inflation over last ten years 1.74%

Estimated annual inflation from 2019 to 2024 2.14% Not Including 2024 Tree Trimming

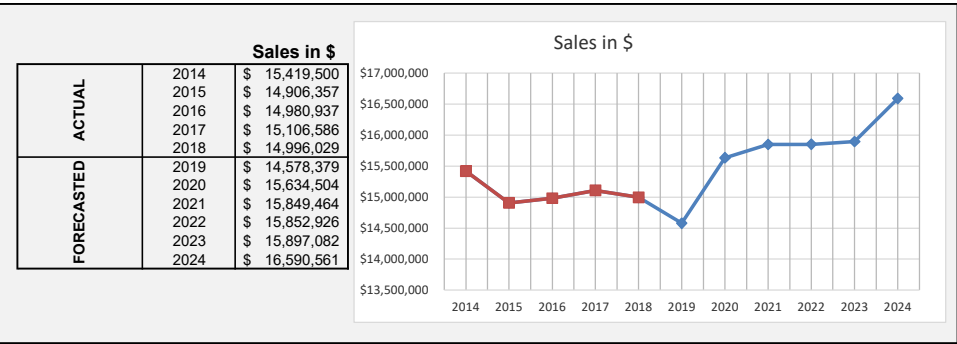
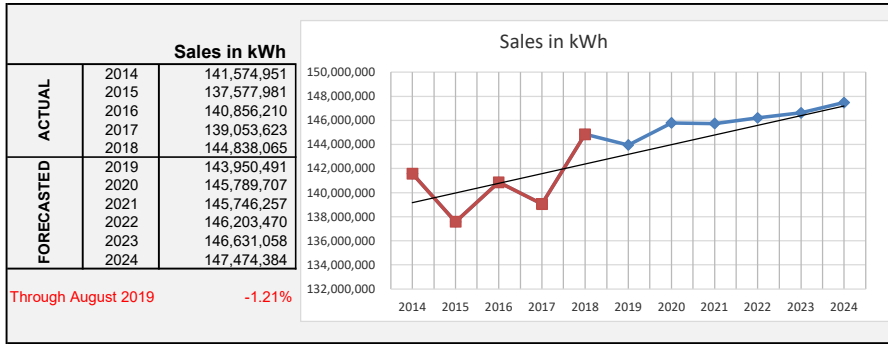


		Capital Expenditures
ACTUAL	2014	\$ 567,326
	2015	\$ 521,946
	2016	\$ 822,127
	2017	\$ 2,924,828
	2018	\$ 2,455,183
FORECASTED	2019	\$ 1,106,100
	2020	\$ 1,335,486
	2021	\$ 1,054,303
	2022	\$ 1,362,804
	2023	\$ 1,323,836
	2024	\$ 1,621,198

Year	Cost (\$)
2014	567,326
2015	521,946
2016	822,127
2017	2,924,828
2018	2,455,183
2019	1,106,100
2020	1,335,486
2021	1,054,303
2022	1,362,804
2023	1,323,836
2024	1,621,198

		PILOT
ACTUAL	2014	\$ 366,032
	2015	\$ 370,260
	2016	\$ 376,785
	2017	\$ 394,626
	2018	\$ 432,589
FORECASTED	2019	\$ 459,330
	2020	\$ 472,455
	2021	\$ 495,115
	2022	\$ 510,833
	2023	\$ 527,253
	2024	\$ 547,551

Year	Cost (\$)
2014	366,032
2015	370,260
2016	376,785
2017	394,626
2018	432,589
2019	459,330
2020	472,455
2021	495,115
2022	510,833
2023	527,253
2024	547,551



**STOUGHTON WATER UTILITY
OPERATING REVENUES AND EXPENSES
FORECASTED FOR THE YEAR 2020**

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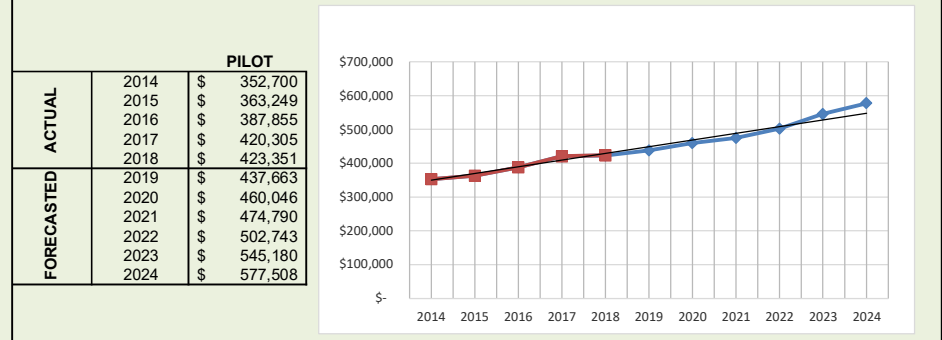
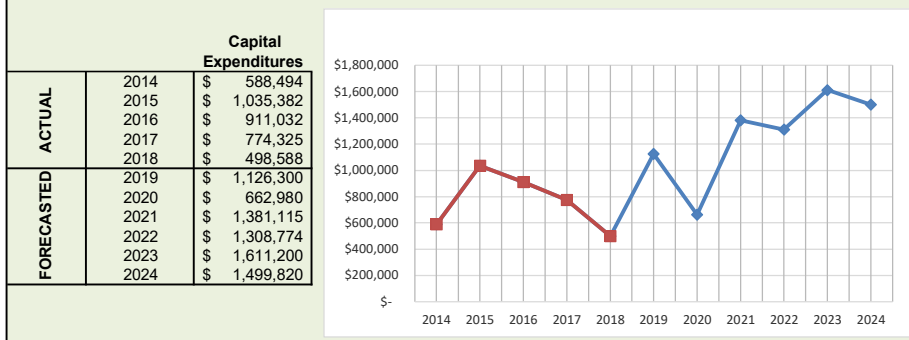
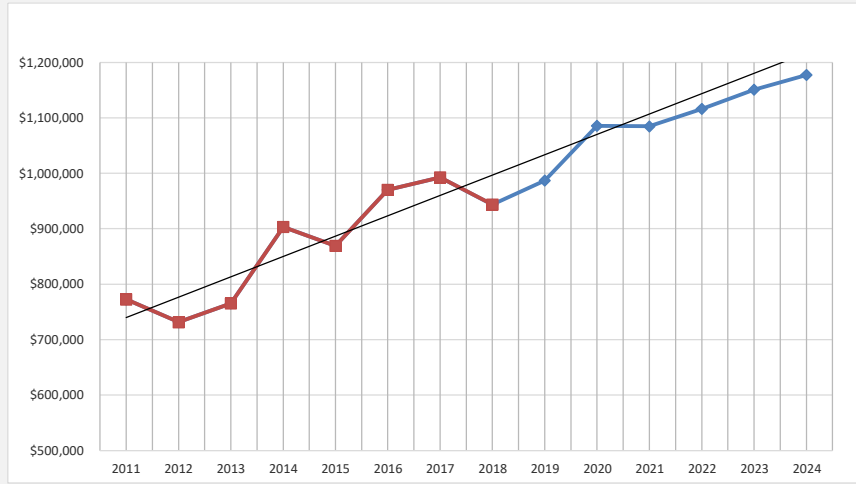
OPERATING REVENUES	Proposed 2020	% Change 2020/2019	Estimated 2019	Actual 2018	Actual 2017	Actual 2016
Sales						
Residential	\$ 1,070,260	2.4%	\$ 1,045,346	\$ 932,753	\$ 899,423	\$ 876,828
Multi-family Residential	\$ 92,536	2.3%	\$ 90,420	\$ 83,239	\$ 74,247	\$ 65,660
Commercial	\$ 196,294	2.5%	\$ 191,500	\$ 176,296	\$ 170,380	\$ 156,718
Industrial	\$ 310,368	2.4%	\$ 303,230	\$ 283,369	\$ 301,957	\$ 298,592
Public Authority (City Buildings)	\$ 23,696	2.2%	\$ 23,176	\$ 21,093	\$ 19,310	\$ 18,747
Private Fire Protection	\$ 55,622	2.3%	\$ 54,396	\$ 46,711	\$ 43,901	\$ 38,842
Public Fire Protection	\$ 556,071	2.7%	\$ 541,560	\$ 530,529	\$ 520,495	\$ 498,439
Total Sales	\$ 2,304,847		\$ 2,249,628	\$ 2,073,990	\$ 2,029,713	\$ 1,953,826
Other Operating Revenues						
Forfeited Discounts (Penalties, NSF, Reconnect)	\$ 7,331	2.5%	\$ 7,156	\$ 6,597	\$ 6,420	\$ 6,309
Other (Joint Metering Allocation, Permits)	\$ 42,669	-0.4%	\$ 42,844	\$ 40,514	\$ 35,096	\$ 40,989
Total Other Operating Revenues	\$ 50,000		\$ 50,000	\$ 47,111	\$ 41,516	\$ 47,298
Total Operating Revenues	\$ 2,354,847		\$ 2,299,628	\$ 2,121,101	\$ 2,071,229	\$ 2,001,124
OPERATING EXPENSES						
Source of Supply (Maintenance of Wells)	\$ 1,730	3.0%	\$ 1,680	\$ 138	\$ 138	\$ 4,675
Pumping (Well Pumps and Fuel)	\$ 184,041	3.0%	\$ 178,680	\$ 171,522	\$ 196,642	\$ 201,633
Water Treatment (Chemicals)	\$ 106,739	3.0%	\$ 103,630	\$ 90,237	\$ 73,359	\$ 68,578
Transmission/Distribution (Mains, Towers, Services, Hydrants)	\$ 285,202	13.2%	\$ 252,040	\$ 238,718	\$ 270,140	\$ 262,642
Customer Accounting and Collection	\$ 109,345	3.0%	\$ 106,160	\$ 104,041	\$ 108,268	\$ 99,998
Administrative and General (Salaries, Benefits, Insurance)	\$ 422,104	14.8%	\$ 367,556	\$ 361,165	\$ 366,310	\$ 354,678
Depreciation	\$ 380,691	5.1%	\$ 362,324	\$ 330,652	\$ 315,908	\$ 302,956
PILOT	\$ 460,046	5.1%	\$ 437,663	\$ 423,351	\$ 420,305	\$ 387,855
Total Operating Expenses	\$ 1,949,898		\$ 1,809,733	\$ 1,719,824	\$ 1,751,070	\$ 1,683,015
REGULATORY OPERATING INCOME (LOSS)	\$ 404,949		\$ 489,895	\$ 401,277	\$ 320,159	\$ 318,109
ROR	3.60%		4.57%	3.91%	3.23%	3.46%

WATER

		O&M	\$ Change from Prior Year	% Change from Prior Year
ACTUAL	2007	\$ 599,681		
	2008	\$ 737,856	\$ 138,175	23.04%
	2009	\$ 694,227	\$ (43,629)	-5.91%
	2010	\$ 710,376	\$ 16,149	2.33%
	2011	\$ 772,586	\$ 62,210	8.76%
	2012	\$ 731,538	\$ (41,048)	-5.31%
	2013	\$ 765,381	\$ 33,843	4.63%
	2014	\$ 903,595	\$ 138,214	18.06%
	2015	\$ 869,159	\$ (34,436)	-3.81%
	2016	\$ 969,933	\$ 100,774	11.59%
FORECASTED	2017	\$ 992,653	\$ 22,720	2.34%
	2018	\$ 943,589	\$ (49,064)	-4.94%
	2019	\$ 986,790	\$ 43,201	4.58%
	2020	\$ 1,085,789	\$ 98,999	10.03%
	2021	\$ 1,084,674	\$ (1,115)	-0.10%
	2022	\$ 1,116,366	\$ 31,692	2.92%
	2023	\$ 1,151,099	\$ 34,733	3.11%
	2024	\$ 1,177,498	\$ 26,399	2.29%

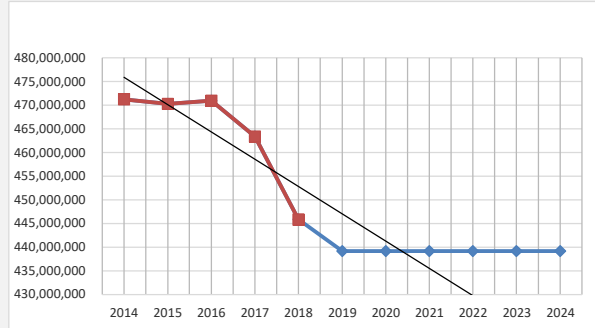
Share of Admin Bldg Parking Lot; \$30K System Study; \$6K Large Meter Testing; Water Valve Adj.'s for City

Annual % inflation from 2014 to 2018 4.66%
 Annual % inflation from 2009 to 2018 2.79%
 Estimated annual inflation from 2019 to 2024 4.13%

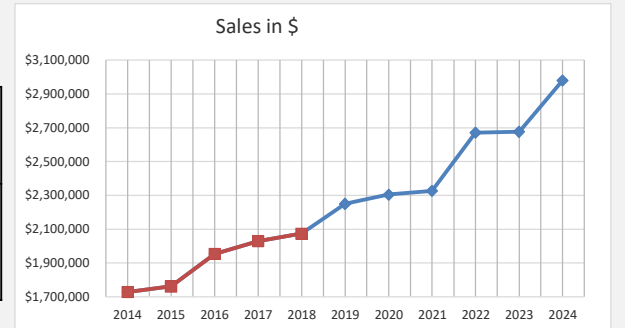


Sales in Gallons		
ACTUAL	2014	471,267,000
	2015	470,300,000
	2016	470,982,000
	2017	463,406,000
	2018	445,868,000
FORECASTED	2019	439,187,000
	2020	439,187,000
	2021	439,187,000
	2022	439,187,000
	2023	439,187,000
	2024	439,187,000

Through August 2019 -1.80%



Sales in \$		
ACTUAL	2014	\$ 1,727,999
	2015	\$ 1,761,033
	2016	\$ 1,953,826
	2017	\$ 2,029,711
	2018	\$ 2,073,990
FORECASTED	2019	\$ 2,249,628
	2020	\$ 2,304,847
	2021	\$ 2,327,063
	2022	\$ 2,670,499
	2023	\$ 2,676,591
	2024	\$ 2,979,253



**STOUGHTON WASTEWATER UTILITY
OPERATING REVENUES AND EXPENSES
FORECASTED FOR THE YEAR 2020**

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OPERATING REVENUES

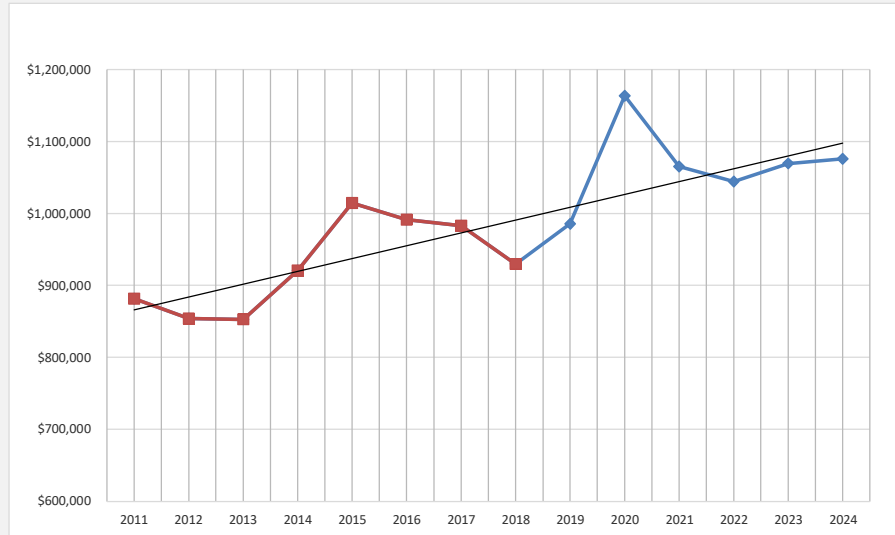
Sales	Proposed 2020	% Change 2020/2019	Estimated 2019	Actual 2018	Actual 2017	Actual 2016
Residential	\$ 1,442,399	6.19%	\$ 1,358,269	\$ 1,374,695	\$ 1,386,580	\$ 1,405,052
Commercial	\$ 474,423	6.19%	\$ 446,751	\$ 452,154	\$ 440,709	\$ 434,528
Industrial	\$ 122,460	6.19%	\$ 115,317	\$ 116,712	\$ 121,253	\$ 135,789
Public Authority (City Buildings)	\$ 28,890	6.19%	\$ 27,205	\$ 27,534	\$ 23,866	\$ 23,174
Total Sales	\$ 2,068,172		\$ 1,947,543	\$ 1,971,095	\$ 1,972,408	\$ 1,998,543
Other Operating Revenues						
Forfeited Discounts (Penalties, NSF, Reconnect)	\$ 4,590	6.19%	\$ 4,323	\$ 4,375	\$ 4,499	\$ 4,692
Other (BOD/Suspended Solids Surcharge)	\$ 106,510	0.79%	\$ 105,677	\$ 80,406	\$ 74,406	\$ 32,767
Total Operating Revenues	\$ 2,179,272		\$ 2,057,543	\$ 2,055,876	\$ 2,051,313	\$ 2,036,002
OPERATING EXPENSES						
Plant (General WWTP Plant Maintenance)	\$ 531,030	23.5%	\$ 430,110	\$ 424,317	\$ 421,365	\$ 421,811
Customer Accounting and Collection	\$ 146,220	1.8%	\$ 143,630	\$ 136,056	\$ 146,128	\$ 145,249
Administrative and General (Salaries, Benefits, Insurance)	\$ 516,653	16.9%	\$ 442,012	\$ 399,026	\$ 445,164	\$ 453,238
Depreciation	\$ 889,260	1.9%	\$ 872,356	\$ 820,778	\$ 811,239	\$ 796,285
Total Operating Expenses	\$ 2,083,163		\$ 1,888,108	\$ 1,780,177	\$ 1,823,896	\$ 1,816,583
OPERATING INCOME	\$ 96,109		\$ 169,435	\$ 275,699	\$ 227,417	\$ 219,419
NON-OPERATING REVENUES (EXPENSES)						
Investment Income	\$ 26,118	-15.0%	\$ 30,720	\$ 29,344	\$ 33,367	\$ 2,485
Interest Expense	\$ (100,296)	-10.8%	\$ (112,430)	\$ (122,782)	\$ (134,977)	\$ (147,663)
Total Non-Operating Revenues (Expenses)	\$ (74,178)		\$ (81,710)	\$ (93,438)	\$ (101,610)	\$ (145,178)
INCOME BEFORE CONTRIBUTIONS	\$ 21,931		\$ 87,725	\$ 182,261	\$ 125,807	\$ 74,241

WASTEWATER

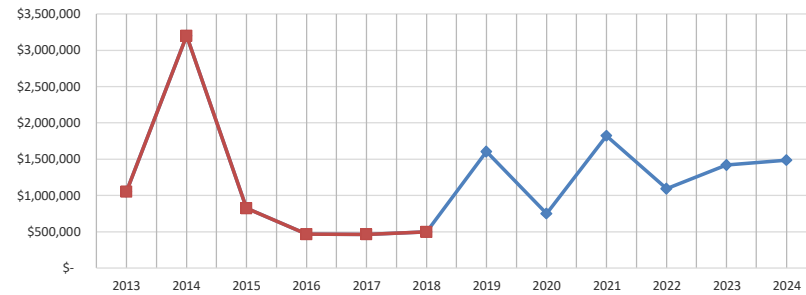
		O&M		\$ Change from Prior Year	% Change from Prior Year
ACTUAL	2006	\$	777,451		
	2007	\$	876,213	\$ 98,762	12.70%
	2008	\$	841,128	\$ (35,085)	-4.00%
	2009	\$	895,052	\$ 53,924	6.41%
	2010	\$	877,416	\$ (17,636)	-1.97%
	2011	\$	881,409	\$ 3,993	0.46%
	2012	\$	853,923	\$ (27,486)	-3.12%
	2013	\$	852,874	\$ (1,049)	-0.12%
	2014	\$	920,411	\$ 67,537	7.92%
	2015	\$	1,014,589	\$ 94,178	10.23%
FORECASTED	2016	\$	991,343	\$ (23,246)	-2.29%
	2017	\$	982,982	\$ (8,361)	-0.84%
	2018	\$	929,926	\$ (53,056)	-5.40%
	2019	\$	985,690	\$ 55,764	6.00%
	2020	\$	1,163,239	\$ 177,549	18.01%
	2021	\$	1,064,990	\$ (98,249)	-8.45%
	2022	\$	1,044,300	\$ (20,690)	-1.94%
	2023	\$	1,069,450	\$ 25,150	2.41%
	2024	\$	1,075,920	\$ 6,470	0.60%

\$21,000 Permit
\$40K Facilities Study; Share of Blacktop Grind and Overlay; \$75K WW Plant Grind and Overlay; \$30K System Study

Annual % inflation from 2014 to 2018 1.81%
Annual % inflation from 2009 to 2018 1.06%
Estimate annual inflation from 2019 to 2024 2.62%

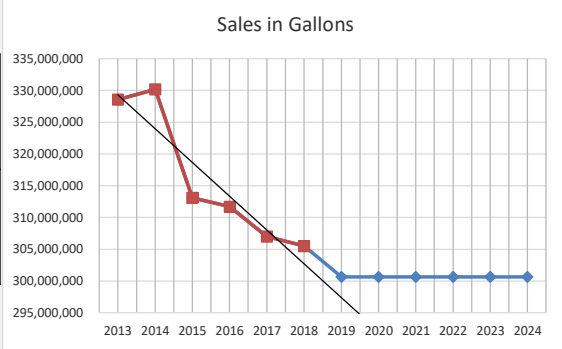


		Capital Expenditures	
ACTUAL	2013	\$	1,053,700
	2014	\$	3,201,974
	2015	\$	827,288
	2016	\$	467,678
	2017	\$	463,630
	2018	\$	498,397
FORECASTED	2019	\$	1,604,951
	2020	\$	753,227
	2021	\$	1,824,021
	2022	\$	1,094,076
	2023	\$	1,418,800
	2024	\$	1,487,600

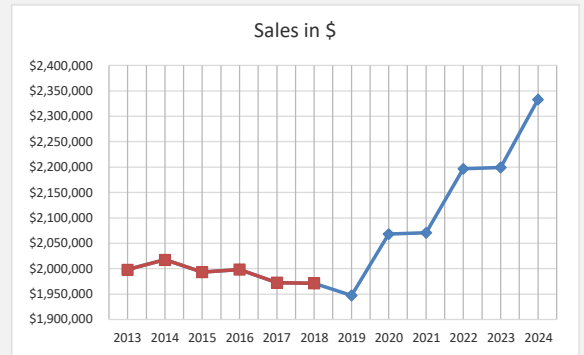


Sales in Gallons		
ACTUAL	2013	328,564,000
	2014	330,183,000
	2015	313,093,000
	2016	311,726,000
	2017	307,018,000
	2018	305,530,000
FORECASTED	2019	300,641,520
	2020	300,641,520
	2021	300,641,520
	2022	300,641,520
	2023	300,641,520
	2024	300,641,520

Through August 2019 -1.60%



Sales in \$		
ACTUAL	2013	\$ 1,997,981
	2014	\$ 2,017,666
	2015	\$ 1,993,392
	2016	\$ 1,998,543
	2017	\$ 1,972,408
	2018	\$ 1,971,095
FORECASTED	2019	\$ 1,947,543
	2020	\$ 2,068,172
	2021	\$ 2,070,653
	2022	\$ 2,196,647
	2023	\$ 2,199,302
	2024	\$ 2,333,151



Stoughton Utilities – Program Summary

Capital Projects Program – 2020-2024

September 30, 2019

Division	2020	2021	2022	2023	2024	Grand Total
Electric Division	\$1,292,241.00	\$1,019,058.00	\$1,147,086.00	\$1,265,736.00	\$1,572,018.00	\$6,296,139.00
Water Division	\$670,100.00	\$1,362,947.00	\$2,149,800.00	\$1,612,000.00	\$1,486,200.00	\$7,281,047.00
Wastewater Division	\$660,300.00	\$1,745,046.00	\$2,185,300.00	\$1,345,801.00	\$1,399,700.00	\$7,336,147.00
Technical Operations Division	\$100,000.00	\$81,288.00	\$146,408.00	\$ -	\$ -	\$327,696.00
Annual Total:	\$2,722,641.00	\$4,208,339.00	\$5,628,594.00	\$4,223,537.00	\$4,457,918.00	\$21,241,029.00

Stoughton Utilities – Electric Division*Capital Projects Program – 2020-2024*

Projects:	Funding:	2020	2021	2022	2023	2024	Total:
2020 East Sub: New Reclosers, Regulators Controls (#2)	Utility Reserve	\$250,300.00	\$ -	\$ -	\$ -	\$ -	\$250,300.00
2020 Roby Road Roundabout	Utility Reserve	\$370,000.00	\$ -	\$ -	\$ -	\$ -	\$370,000.00
2021 East Sub: SCADA Programming and Panel Updates (#4)	Utility Reserve	\$ -	\$64,700.00	\$ -	\$ -	\$ -	\$64,700.00
2022 North Sub: East Bay New Regulators (#5)	Utility Reserve	\$ -	\$ -	\$84,100.00	\$ -	\$ -	\$84,100.00
2023 Distribution: Add west tie circuit (#9)	Utility Reserve	\$ -	\$ -	\$ -	\$583,600.00	\$ -	\$583,600.00
2024 Distribution: Rebuild CTH B: Williams to CTH N (#11)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$242,600.00	\$242,600.00
2024 Distribution: Rebuild CTH N: USH 51 to CTH B (#12)	Utility Reserve	\$ -	\$251,200.00	\$ -	\$ -	\$299,000.00	\$550,200.00
2024 New Feeder N1 to loop thru North Business Park to N2 (#10)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$394,000.00	\$394,000.00
AMR Enhancements	Utility Reserve	\$ -	\$ -	\$40,000.00	\$ -	\$ -	\$40,000.00
Distribution Capacity/Reconstruction Projects	Utility Reserve	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$2,500,000.00
Electric Meter Test Board (CO)	Utility Reserve	\$ -	\$35,000.00	\$ -	\$ -	\$ -	\$35,000.00
SCADA: Upgrades for Substation Projects	Utility Reserve	\$20,600.00	\$10,600.00	\$ -	\$22,500.00	\$23,900.00	\$77,600.00
Transformers	Utility Reserve	\$84,341.00	\$83,558.00	\$92,986.00	\$97,636.00	\$102,518.00	\$466,039.00
Projects Section Total:		\$1,225,241.00	\$950,058.00	\$717,086.00	\$1,203,736.00	\$1,562,018.00	\$5,658,139.00
Vehicles:	Funding:	2020	2021	2022	2023	2024	Total:
Line Bucket Truck #16 (2010)	Utility Reserve	\$ -	\$ -	\$230,000.00	\$ -	\$ -	\$230,000.00
Line Bucket Truck/Backyard Machine (add)	Utility Reserve	\$ -	\$ -	\$200,000.00	\$ -	\$ -	\$200,000.00
Line Chipper (2007)	Utility Reserve	\$ -	\$ -	\$ -	\$37,000.00	\$ -	\$37,000.00
Line Wire Reel Trailers (2003)	Utility Reserve	\$ -	\$ -	\$ -	\$25,000.00	\$ -	\$25,000.00
Pole Trailer (1995)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$10,000.00	\$10,000.00
Vehicles Section Total:		\$ -	\$ -	\$430,000.00	\$62,000.00	\$10,000.00	\$502,000.00
Developer:	Funding:	2020	2021	2022	2023	2024	Total:
2019 Glacier Moraine street lighting (CO)	Developer Financed	\$67,000.00	\$ -	\$ -	\$ -	\$ -	\$67,000.00
2021 Fused 200A Feed to North Business Park (#1)	Developer Financed	\$ -	\$69,000.00	\$ -	\$ -	\$ -	\$69,000.00
Developer Section Total:		\$67,000.00	\$69,000.00	\$ -	\$ -	\$ -	\$136,000.00
Grand Total:		\$1,292,241.00	\$1,019,058.00	\$1,147,086.00	\$1,265,736.00	\$1,572,018.00	\$6,296,139.00

September 30, 2019

Stoughton Utilities – Water Division*Capital Projects Program – 2020-2024*

Projects:	Funding:	2020	2021	2022	2023	2024	Total:
*2019-2024 Main Replacement Engineering	Revenue Bonds	\$61,000.00	\$161,000.00	\$264,000.00	\$197,000.00	\$181,000.00	\$864,000.00
*Water Valve Adjustments for Street Projects	Utility Reserve	\$27,600.00	\$34,600.00	\$1,200.00	\$12,500.00	\$12,700.00	\$88,600.00
2020 Hydrant replace - Roby	Revenue Bonds	\$20,000.00	\$ -	\$ -	\$ -	\$ -	\$20,000.00
2020 Main replace- Grant: Prospect to Taft	Revenue Bonds	\$77,000.00	\$ -	\$ -	\$ -	\$ -	\$77,000.00
2020 Main replace- Prospect: Page to McKinley (O)	Revenue Bonds	\$323,000.00	\$ -	\$ -	\$ -	\$ -	\$323,000.00
2021 Main replace- Academy: Moline to South	Revenue Bonds	\$ -	\$77,000.00	\$ -	\$ -	\$ -	\$77,000.00
2021 Main replace- Harrison: Harding to Clyde (M)	Revenue Bonds	\$ -	\$229,000.00	\$ -	\$ -	\$ -	\$229,000.00
2021 Main replace- Johnson: Harding to Clyde (N)	Revenue Bonds	\$ -	\$225,000.00	\$ -	\$ -	\$ -	\$225,000.00
2021 Main replace- Monroe: Clyde to Jackson	Revenue Bonds	\$ -	\$189,000.00	\$ -	\$ -	\$ -	\$189,000.00
2021 Main replace- Monroe: Harding to Clyde	Revenue Bonds	\$ -	\$254,000.00	\$ -	\$ -	\$ -	\$254,000.00
2021 Main replace- Roy: Johnson to Madison	Revenue Bonds	\$ -	\$66,847.00	\$ -	\$ -	\$ -	\$66,847.00
2022 Main replace- Harding: Page to Wilson (R)	Revenue Bonds	\$ -	\$ -	\$241,400.00	\$ -	\$ -	\$241,400.00
2022 Main replace- South: Page to Van Buren	Revenue Bonds	\$ -	\$ -	\$438,400.00	\$ -	\$ -	\$438,400.00
2022 Main replace- Wilson: Page to Taft (S)	Revenue Bonds	\$ -	\$ -	\$332,000.00	\$ -	\$ -	\$332,000.00
2023 Main replace- Madison: Clyde to Prospect	Revenue Bonds	\$ -	\$ -	\$ -	\$201,000.00	\$ -	\$201,000.00
2023 Main replace- Madison: Harding to Clyde	Revenue Bonds	\$ -	\$ -	\$ -	\$275,000.00	\$ -	\$275,000.00
2023 Main replace- McKinley: Madison to Page	Revenue Bonds	\$ -	\$ -	\$ -	\$258,000.00	\$ -	\$258,000.00
2023 Main replace- Prairie: Wilson to McKinley (T)	Revenue Bonds	\$ -	\$ -	\$ -	\$99,000.00	\$ -	\$99,000.00
2023 Main replace- Taft: Page to Wilson (U)	Revenue Bonds	\$ -	\$ -	\$ -	\$318,000.00	\$ -	\$318,000.00
2023 Main replace- Taft: Prairie to Page (U)	Revenue Bonds	\$ -	\$ -	\$ -	\$150,000.00	\$ -	\$150,000.00
2024 Main replace- Berry: South to 733 Berry	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$323,000.00	\$323,000.00
2024 Main replace- Chicago: Fourth to Dead End	Revenue Bonds	\$ -	\$ -	\$ -	\$ -	\$413,000.00	\$413,000.00
2024 Main replace- Giles: Academy to Morris	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$186,000.00	\$186,000.00
2024 Main replace- Page: Milwaukee to Chicago	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$269,000.00	\$269,000.00
Large Meter Replacements	Revenue Bonds	\$25,000.00	\$25,000.00	\$25,000.00	\$ -	\$ -	\$75,000.00
Lead Service Replacements	Revenue Bonds	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$375,000.00
Meters - New and Replacements	Revenue Bonds	\$26,500.00	\$26,500.00	\$26,500.00	\$26,500.00	\$26,500.00	\$132,500.00
Projects Section Total:		\$635,100.00	\$1,362,947.00	\$1,403,500.00	\$1,612,000.00	\$1,486,200.00	\$6,499,747.00
Vehicles:	Funding:	2020	2021	2022	2023	2024	Total:
Water Service Truck #23 (2010)	Revenue Bonds	\$35,000.00	\$ -	\$ -	\$ -	\$ -	\$35,000.00
Vehicles Section Total:		\$35,000.00	\$ -	\$ -	\$ -	\$ -	\$35,000.00
Developer:	Funding:	2020	2021	2022	2023	2024	Total:
2022 Main replace- Fifth: South to Jefferson	Developer Financed	\$ -	\$ -	\$113,100.00	\$ -	\$ -	\$113,100.00
2022 Main replace- Fourth: Main to Bridge	Developer Financed	\$ -	\$ -	\$375,500.00	\$ -	\$ -	\$375,500.00
2022 Main replace- South: Fourth to Academy	Developer Financed	\$ -	\$ -	\$257,700.00	\$ -	\$ -	\$257,700.00
Developer Section Total:		\$ -	\$ -	\$746,300.00	\$ -	\$ -	\$746,300.00
Grand Total:		\$670,100.00	\$1,362,947.00	\$2,149,800.00	\$1,612,000.00	\$1,486,200.00	\$7,281,047.00

Stoughton Utilities – Wastewater Division*Capital Projects Program – 2020-2024*

Projects:	Funding:	2020	2021	2022	2023	2024	Total:
*2019-2024 Main Replace Engineering	Utility Reserve	\$45,000.00	\$227,000.00	\$213,000.00	\$152,000.00	\$173,000.00	\$810,000.00
2020 Forrest: Main to Washington	Utility Reserve	\$11,000.00	\$ -	\$ -	\$ -	\$ -	\$11,000.00
2020 Grant: Prospect to Taft	Utility Reserve	\$71,500.00	\$ -	\$ -	\$ -	\$ -	\$71,500.00
2020 Lining: Pleasant View, Vernon, Main	Utility Reserve	\$145,000.00	\$ -	\$ -	\$ -	\$ -	\$145,000.00
2020 Prospect: Page to Grant (WT)(L)	Utility Reserve	\$165,000.00	\$ -	\$ -	\$ -	\$ -	\$165,000.00
2021 Academy: East to Moline	Revenue Bonds	\$ -	\$249,000.00	\$ -	\$ -	\$ -	\$249,000.00
2021 Academy: Moline to E South	Revenue Bonds	\$ -	\$309,000.00	\$ -	\$ -	\$ -	\$309,000.00
2021 Harrison: Harding to Clyde	Revenue Bonds	\$ -	\$159,000.00	\$ -	\$ -	\$ -	\$159,000.00
2021 Johnson: Harding to Clyde	Revenue Bonds	\$ -	\$151,000.00	\$ -	\$ -	\$ -	\$151,000.00
2021 Lining: Jefferson, Monroe, Mandt Pkwy	Revenue Bonds	\$ -	\$125,000.00	\$ -	\$ -	\$ -	\$125,000.00
2021 Monroe: Clyde to Jackson	Revenue Bonds	\$ -	\$145,000.00	\$ -	\$ -	\$ -	\$145,000.00
2021 Monroe: Harding to Clyde	Revenue Bonds	\$ -	\$241,000.00	\$ -	\$ -	\$ -	\$241,000.00
2021 Roy: Johnson to Madison	Revenue Bonds	\$ -	\$70,246.00	\$ -	\$ -	\$ -	\$70,246.00
2022 Harding: Page to Wilson	Utility Reserve	\$ -	\$ -	\$248,400.00	\$ -	\$ -	\$248,400.00
2022 South: Page to Van Buren	Utility Reserve	\$ -	\$ -	\$494,400.00	\$ -	\$ -	\$494,400.00
2023 Madison: Clyde to Prospect	Revenue Bonds	\$ -	\$ -	\$ -	\$75,000.00	\$ -	\$75,000.00
2023 Madison: Harding to Clyde	Revenue Bonds	\$ -	\$ -	\$ -	\$169,000.00	\$ -	\$169,000.00
2023 McKinley: Madison to Page	Revenue Bonds	\$ -	\$ -	\$ -	\$167,000.00	\$ -	\$167,000.00
2023 Prairie: Wilson to McKinley	Revenue Bonds	\$ -	\$ -	\$ -	\$97,000.00	\$ -	\$97,000.00
2023 Taft: Page to Wilson	Revenue Bonds	\$ -	\$ -	\$ -	\$334,000.00	\$ -	\$334,000.00
2023 Taft: Prairie to Page	Revenue Bonds	\$ -	\$ -	\$ -	\$154,000.00	\$ -	\$154,000.00
2024 Berry: South to 733 Berry	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$310,000.00	\$310,000.00
2024 Chicago: Fourth to Dead End	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$405,000.00	\$405,000.00
2024 Giles: Academy to Morris	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$159,000.00	\$159,000.00
2024 Page: Milwaukee to Chicago	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$265,000.00	\$265,000.00
Lift station: Stone Crest (2002)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$40,000.00	\$40,000.00
Permit Reissuance	Utility Reserve	\$ -	\$ -	\$5,000.00	\$ -	\$ -	\$5,000.00
Plant: LRSP-E Effluent Reaeration Project (CO)	Utility Reserve	\$5,000.00	\$ -	\$ -	\$ -	\$ -	\$5,000.00
Plant: MMSD Full Scale Adaptive Management	Utility Reserve	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$10,000.00
Plant: Primary clarifiers 1 & 2: Chains and wear stripes	Utility Reserve	\$ -	\$ -	\$85,000.00	\$ -	\$ -	\$85,000.00
Plant: pulverize and black top parking lot	Utility Reserve	\$75,000.00	\$ -	\$ -	\$ -	\$ -	\$75,000.00
Sanitary Sewer Rehab: Replace manholes and mains	Revenue Bonds	\$65,800.00	\$66,800.00	\$40,500.00	\$45,800.00	\$45,700.00	\$264,600.00
Televising Equipment (2015)	Revenue Bonds	\$ -	\$ -	\$ -	\$1.00	\$ -	\$1.00
	Projects Section Total:	\$585,300.00	\$1,745,046.00	\$1,088,300.00	\$1,195,801.00	\$1,399,700.00	\$6,014,147.00
Vehicles:	Funding:	2020	2021	2022	2023	2024	Total:
Televising Truck #18 (2006)	Revenue Bonds	\$ -	\$ -	\$ -	\$150,000.00	\$ -	\$150,000.00
Wastewater Service Truck #7 (2005)	Utility Reserve	\$75,000.00	\$ -	\$ -	\$ -	\$ -	\$75,000.00
Wastewater Service Truck #9 (2012)	Utility Reserve	\$ -	\$ -	\$30,000.00	\$ -	\$ -	\$30,000.00
	Vehicles Section Total:	\$75,000.00	\$ -	\$30,000.00	\$150,000.00	\$ -	\$255,000.00
Developer:	Funding:	2020	2021	2022	2023	2024	Total:
2022 Fifth: E South to Jefferson	Developer Financed	\$ -	\$ -	\$99,100.00	\$ -	\$ -	\$99,100.00
2022 Fourth: Main to Bridge	Developer Financed	\$ -	\$ -	\$82,800.00	\$ -	\$ -	\$82,800.00
2022 South: Fourth to Academy	Developer Financed	\$ -	\$ -	\$485,100.00	\$ -	\$ -	\$485,100.00
Lift station: Eighth (1954)	Developer Financed	\$ -	\$ -	\$400,000.00	\$ -	\$ -	\$400,000.00
	Developer Section Total:	\$ -	\$ -	\$1,067,000.00	\$ -	\$ -	\$1,067,000.00
	Grand Total:	\$660,300.00	\$1,745,046.00	\$2,185,300.00	\$1,345,801.00	\$1,399,700.00	\$7,336,147.00

Stoughton Utilities – Technical Operations Division

Capital Projects Program – 2020-2024

September 30, 2019

Projects:	Funding:	2020	2021	2022	2023	2024	Total:
Blacktop Grind and Overlay - Admin Building	Utility Reserve	\$75,000.00	\$ -	\$ -	\$ -	\$ -	\$75,000.00
Outage Management System	Utility Reserve	\$25,000.00	\$45,000.00	\$125,000.00	\$ -	\$ -	\$195,000.00
Physical Security: Video - EL Substations	Utility Reserve	\$ -	\$ -	\$21,408.00	\$ -	\$ -	\$21,408.00
Physical Security: Video - WT Towers	Utility Reserve	\$ -	\$6,804.00	\$ -	\$ -	\$ -	\$6,804.00
Physical Security: Video - WT Wells	Utility Reserve	\$ -	\$29,484.00	\$ -	\$ -	\$ -	\$29,484.00
Projects Section Total:		\$100,000.00	\$81,288.00	\$146,408.00	\$ -	\$ -	\$327,696.00

Grand Total:	\$100,000.00	\$81,288.00	\$146,408.00	\$0.00	\$0.00	\$327,696.00
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