

CITY OF FITCHBURG, WISCONSIN

2020-2029 CAPITAL IMPROVEMENT PLAN

Fitchburg

MAYOR'S PROPOSED
5/20/19

Mayor's Proposed
2020-2029 Capital Improvement Plan (CIP)
May 20, 2019

Introduction

- Letter from Mayor
- Summaries
  - Expenditures and Sources Summary
  - Projects by Funding Source (w/ graph)
  - Projects by Department
  - Projects & Funding Sources by Department
- Summary of Changes
  - Total Expenditures
  - Funded by Taxes
  - Funded by Borrowing
- Operating Budget Impacts

Departments

- Parks, Recreation, & Forestry
- Building Inspection
- FACTv
- Technology
- Senior Center
- Clerk
- Library
- Economic Development
- Fitchrona EMS
- Police Department
- Fire Department
- Public Works (general, buildings & grounds, parks, streets, refuse & recycling, stormwater, water & sewer)
- Finance
- Administration

Appendix

- Projects Authorized but Unspent
- Public Hearing Notices Sent
- CIP Amendment Form
- Adopted Schedule

Introduction

THE CITY OF
Fitchburg
OFFICE OF THE MAYOR

Office of the Mayor

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May 20, 2019

Dear Colleagues, Property Owners, and Residents:

The Mayor's Proposed 2020-2029 Capital Improvement Plan (CIP) is available on the City's website and is the most recent draft of the CIP. The City has a ten year plan but it's important to keep in mind that the projects listed after five years, (a.k.a. the back-five) are placeholder projects and are displayed simply to bring awareness to larger projects that are outside of the traditional five year scope. These projects in particular have not been fully vetted or analyzed and are expected to change in coming years as more details are known.

Financial planning is one of the most important activities we do as a municipality. Preparing and updating a CIP is an important step to ensure we understand the future challenges and opportunities we are expected to face. The City of Fitchburg has a long history of developing and annually updating the CIP. This plan does not authorize any spending, but clearly articulates the City's expectations for financing infrastructure and other capital investments. This document is a roadmap that we present to our bond rating firm, Moody's Investment Services, as well as other financial entities, and our residents. The CIP is an important indicator of the City's ability to plan for future obligations.

Process

The process used to develop this plan is similar to the budget in that Department Heads provide recommendations for changes from the prior adopted CIP, a draft plan is compiled, and meetings are held to learn more about the projects and ask questions. It is then my responsibility, as Mayor, to assess the priority of projects to both the departments and to the community and then determine which projects are included in the final draft plan presented to Council. All changes between the last adopted plan and this plan are identified in reports at the beginning of the document – one focusing on total project cost, one focusing on projects funded by property taxes, and one focusing on projects funded by borrowing.

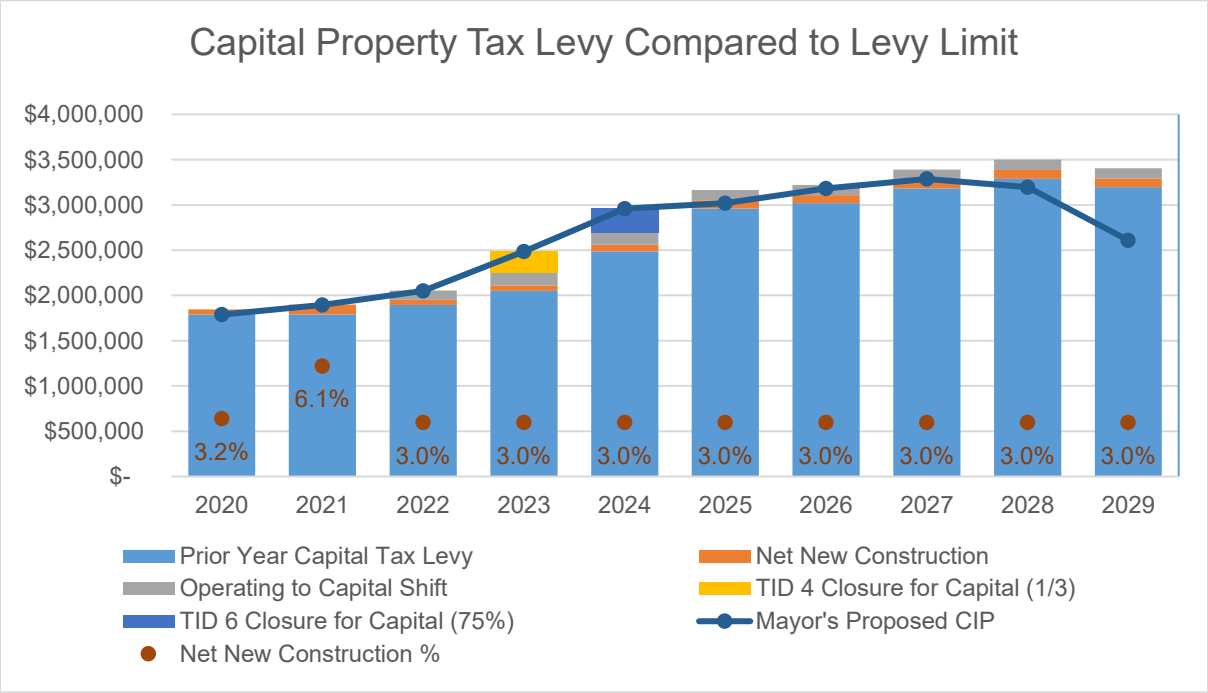
It is also important to note that this plan is expected to continually change. Modifications will likely occur in both the near and long term future as priorities change, costs are updated, (an assumed 3% inflationary increase was included in all projects unless otherwise noted), alternate funding sources identified, and new projects materialize. As with any plan, this is a framework for the next decade, but is not set in stone. The projects identified in 2020, however, will be automatically included in the first draft of the 2020 operating budget. Any changes made between the adopted 2020-2029 CIP and the 2020 budget will be specifically identified in the introductory letter.

Capital Property Tax Levy

One of my main objectives of the CIP is to prioritize projects to maintain a capital property tax levy that approximates the expected net new construction for the City, (and thus the levy limit increase allowed) with some specific adjustments. It was difficult to delay and remove projects to meet this goal but I felt it was important to provide a draft CIP to the Council that met our financial constraints for the next five years while still acknowledging the upcoming projects related to our growth and maintaining our current service levels. To be fair to future Councils, I also considered the increases shown in the back-five years and made sure they were at least somewhat reasonable. As growth occurs in the City and priorities change, the projects can continue to be shifted.

Comparing the growth in the capital property tax levy is especially difficult this year because there are some additional factors to consider. The target capital property tax levy includes the following adjustments to the prior year amount:

- Net New Construction: Generally, the growth in the City's property tax levy for capital purchases should mirror the percentage expected for net new construction. The City's net new construction over the past five years has averaged 2.8%.
    - 2020 Budget: The expected net new construction applied in the 2020 budget is 3.2%; however, because of the structural deficit in the 2019 budget for the third ambulance crew, this proposed CIP keeps the capital tax levy the same as 2019. This means the full increase allowed under levy limits can be used to finance the full year personnel costs for the third ambulance crew.
    - 2021 Budget: There are several large new subdivisions and commercial projects breaking ground or having substantial completion in 2019. It is expected that these projects will create a higher net new construction as of January 1, 2020 to be used for the 2021 budget. This large net new construction amount is highly unusual and primarily the result of just a couple of large commercial projects. It is unrealistic to expect that high of a percentage of growth in the future.
    - Future Years: A net new construction amount of 3% is included for all other years.
- Operating to Capital Shift: One of the proposals included in this plan is to shift from leasing the police squads to buying them. This strategy has an upfront cost but will save the City money in the long-run. This strategy also shifts funds from the operating budget to the capital budget. An adjustment for this shift was also factored into the allowable increase in the capital property tax levy.
- TID Closure: When a tax incremental district (TID) closes, a levy limit adjustment is allowed. About half of the City portion of the TID parcels' tax bills is required to go towards reducing the tax burden of all property owners and the other half is allowed as an adjustment in the levy limit calculation to address deferred needs. While the City has not yet adopted a formal plan for the funding available through this adjustment, a portion of the adjustments from the closure of both TID 4 and TID 6 are included in this capital funding plan. The other portions of the adjustments are expected to be used in the operating budget.



Initiatives/Priorities

Several changes in cost and timing were made within this proposed CIP and I encourage you to review the summary of those changes. There are also several initiatives and priorities included in this draft plan that deserve specific mention:

- Focus on Maintaining Existing Equipment/Improvements: In order to keep the capital levy within the City's projected levy limit constraints, decisions had to be made about priorities. In general, the proposed CIP prioritizes replacement and maintenance of the City's existing equipment and improvements over adding new equipment and facilities. For example, all new park shelters and a new drone program, while worthwhile projects, are not included. Even though I prioritized maintaining existing equipment, there were still several delays needed to meet the financial constraints. The one exception to this strategy was the inclusion of new pickleball courts at McGaw Park, to be funded by park fees in lieu of land dedication (#6211).

- Road Reconstruction Projects: The City's commitment to gradually increasing the financial support for road resurfacing was retained in this CIP; however, even with the increases, it is likely not funded to the level needed to adequately maintain our current and future infrastructure. Also included in the proposed CIP are several new road projects, some of which are necessary for new development and/or required by the County. Fish Hatchery Road (#3488) includes the County participation and City plowing responsibility as included in the agreement approved by Council in May of 2019. Future maintenance costs for the large arterial streets (McKee and Verona Road) recently transferred to the City are also included as a separate project (#3497).

- Town of Madison: The current agreement with the Town of Madison states that we will attach a portion of the Town by October 30, 2022. Included in the prior CIP was a generic project (#1040) to begin the discussion about the capital and operating needs as a result of this new territory. However, after further review and discussion, this project is now removed. If the agreement remains unchanged, this placeholder CIP was likely inadequate in planning for the future needs. If the agreement is changed, this placeholder CIP is inaccurate. Once more information is known and a direction decided, it will be important for the next CIP to re-introduce the project.

- Stormwater Projects: The recent flooding identified many new projects to be considered for the CIP. The timing of these projects needed to be balanced with the willingness to increase stormwater rates for these projects. While a few projects were delayed to find that balance, it is important to remember that solutions to problems are also delayed. If the proposed CIP is adopted as is for stormwater projects, the rates for an average urban single family home will increase $25/year and the average rural single family home will increase about $12/year. Once the CIP is adopted, staff will pursue the formal analysis and Council approval of the stormwater rates needed to pay for the plan.

Next Steps

The next few years are going to be challenging. Any projects pushed back will need to have a corresponding change to the budget in the year it is pushed to in order to avoid further budget problems in that year. As you review this plan, it is recommended that you consider the following:

- How is the project funded? Is the project a joint project with a developer or another jurisdiction? Is the project funded mainly by sources other than property taxes or borrowing? If so, deferring or deleting it may not have a significant impact on our financial structuring and/or may hurt our partnership with the other parties.

- How often has a project already been deferred? Are we merely avoiding the inevitable, or if we have gotten along this far without it, is the project even necessary?

- Is the funding sufficient to maintain our existing resources and level of services? Do we have the financial capacity to sustainably operate and maintain any new projects?

- Is this a maintenance item which must be done for proper continuation of City services or is it something that stands alone without impacting other City functions?

- Are we replacing, adding, or deleting vehicles and apparatus unnecessarily? Bear in mind that many of these items are safety and efficiency oriented. What are the risks of not purchasing the replacements as planned?

At the end of the process, this will not be staff's plan, the Mayor's plan, or the Council's plan, but a community plan. Every project has value, it is our task to prioritize based on community needs and financial constraints. I look forward to working with you to develop a final plan that will meet the needs of the residents of the City of Fitchburg now and into the future. I encourage all Council members to attend the departmental presentations at the special Finance Committee meeting on Monday, June 10th in the Council Chambers. Council proposed amendments to this plan are due on Thursday, July 23rd with action on the CIP on August 13th.

Sincerely,



Aaron Richardson
Mayor

EXPENDITURES AND SOURCES SUMMARY

Department	2020	2021	2022	2023	2024	Total
Admin	0	0	0	0	0	*0*
Admin - FACTv (cable)	62,500	5,000	17,500	2,500	117,600	*205,100*
Admin - Technology	156,500	86,500	86,500	86,500	86,500	*502,500*
Building Inspection	7,107	7,320	7,540	7,766	7,999	*37,732*
Clerk	80,000					*80,000*
Econ Dev	30,000	0	0	0	0	*30,000*
EMS	160,600	100,322	103,332	106,432	109,625	*580,311*
Finance					100,000	*100,000*
Fire Department	641,056	598,518	735,009	35,029	1,681,080	*3,690,692*
Library	26,522	27,318	28,138	218,982	29,851	*330,811*
Parks, Recreation, and Forestr	392,000	58,000	59,000	85,000	667,000	*1,261,000*
Police Department	1,805,004	400,093	538,334	527,973	6,777,675	*10,049,079*
Public Works - B&G	163,420	184,470	190,758	182,295	218,796	*939,739*
Public Works - General	409,500	319,635	742,643	627,877	610,828	*2,710,483*
Public Works - Parks		200,000				*200,000*
Public Works - Sewer	200,000					*200,000*
Public Works - Storm	1,545,400	1,883,282	3,691,345	793,393	1,338,575	*9,251,995*
Public Works - Streets	16,408,625	12,628,162	2,280,244	4,153,826	6,687,546	*42,158,403*
Public Works - Water	1,082,400	1,279,872	87,418	90,040	202,742	*2,742,472*
Senior Center	1,854	1,910	1,967	2,026	2,087	*9,844*
EXPENDITURE TOTAL	**23,172,488**	**17,780,402**	**8,569,728**	**6,919,639**	**18,637,904**	***75,080,161***

Source	2020	2021	2022	2023	2024	Total
Assessed (non-util, non-debt)	66,050	66,382	66,723	100,074	67,437	*366,666*
Borrowing (non-util, GO debt)	4,902,194	7,130,100	781,000	572,000	8,309,900	*21,695,194*
Capital Property Tax Levy	1,788,363	1,896,666	2,051,122	2,484,947	2,960,740	*11,181,838*
Contribution from Other Entities	9,072,422	131,500	0	590,000	0	*9,793,922*
Expenditure Restraint	670,000	625,000	600,000		500,000	*2,395,000*
Grants/Donations (non-util)	3,495,000	121,500		66,000		*3,682,500*
Other (describe)	103,125	20,000	25,000	30,000	35,000	*213,125*
Project Fund Balance Applied				550,000		*550,000*
Sale/Trade In (hwy)	0	3,500	12,000	24,000	17,000	*56,500*
Sale/Trade In (non-hwy, non-util)	10,000	1,000	108,000	21,000	446,500	*586,500*
SRF - Cable Fund (transfer)	62,500	5,000	17,500	2,500	117,600	*205,100*
SRF - Fund Balance Applied				190,000		*190,000*
SRF - Park Improve/ Dedication Fees	335,000					*335,000*
SRF - Refuse and Recycling Fund	400	400	400	400	400	*2,000*
TIF #4	35,775	800,000				*835,775*

TIF #6	2,449,000					*2,449,000*
TIF #9	1,189,250	3,928,850	2,393,000	920,385	3,704,620	*12,136,105*
TIF borrowing	-2,787,141					*-2,787,141*
Utility - Assessed (sewer)	200,000					*200,000*
Utility - Assessed (storm)	35,000	350,000	37,000	25,000	10,000	*457,000*
Utility - Assessed (water)	180,000	445,300				*625,300*
Utility - Borrowing (storm)			797,100	300,000	900,000	*1,997,100*
Utility - Grants/Donations	65,000					*65,000*
Utility - Impact Fees	591,200	774,636	43,709	45,020	46,371	*1,500,936*
Utility - Rates (sewer)	-664,250	144,200	241,660	21,375	178,089	*-78,926*
Utility - Rates (stormwater)	952,850	1,037,832	656,345	486,743	817,398	*3,951,168*
Utility - Rates (water)	419,250	296,536	698,669	477,695	523,849	*2,415,999*
Utility - Sale/Trade In (storm)	500		40,000			*40,500*
Utility - Sale/Trade In (W&S)	1,000	2,000	500	12,500	3,000	*19,000*
SOURCE TOTAL	**23,172,488**	**17,780,402**	**8,569,728**	**6,919,639**	**18,637,904**	***75,080,161***

PROJECTS BY FUNDING SOURCE

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Assessed (non-util, non-debt)													
Street Resurfacing Program - Revised	3319	2	36,050	36,082	36,114	36,147	36,182	36,217	36,254	36,291	36,330	36,370	*362,037*
McKee Road Reconstruction Phase II - Revised	3481	2	0										*0*
Sidewalk and Path Maint/Improve - Revised	3486	2	30,000	30,300	30,609	30,927	31,255	31,593	31,941	32,299	32,668	33,048	*314,640*
Fitchrona Rd (Lacy to Nesbitt) - New	3492	5				33,000							*33,000*
Assessed (non-util, non-debt) Total			**66,050**	**66,382**	**66,723**	**100,074**	**67,437**	**67,810**	**68,195**	**68,590**	**68,998**	**69,418**	***709,677***
Borrowing (non-util assess)													
Herman Road Realignment/Extension - Deleted	3365	3						0					*0*
Borrowing (non-util assess) Total								**0**					***0***
Borrowing (non-util, GO debt)													
New Financial System - Revised	1006	4						800,000					*800,000*
Police Station Addition	2141	2	1,600,000	0	0		6,400,000						*8,000,000*
Replace Water Tenders (T1 & T2)	2233	3			601,000								*601,000*
Fire Engine Replacement	2250	2					1,230,000						*1,230,000*
Replacement of Fire Department Squad - Revised	2260	3	604,000										*604,000*
Portable/Mobile Radio Upgrade	2265	3		526,500									*526,500*
Street Resurfacing Program - Revised	3319	2	100,000	75,000	50,000	25,000							*250,000*
S. Syene-McCoy to Lacy Rd	3368	3	580,000	5,640,000									*6,220,000*
McKee Road Reconstruction Phase II - Revised	3481	2	2,000,000										*2,000,000*
Fish Hatchery Road Resurfacing - Revised	3488	2	18,194										*18,194*

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Seminole Highway (Lacy - Schumann) - Deleted	3490	3						0	0	0			0
Fitchrona Rd (Lacy to Nesbitt) - New	3492	5		75,000	130,000	547,000							752,000
Lacy Rd (Fitchrona to Seminole) - New	3494	3		813,600									813,600
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495	3					679,900						679,900
McKee Farms Park Improvement - Revised	6212	3							375,000				375,000
Borrowing (non-util, GO debt) Total			**4,902,194**	**7,130,100**	**781,000**	**572,000**	**8,309,900**	**800,000**	**375,000**	**0**			**22,870,194**
Capital Property Tax Levy													
New Financial System - Revised	1006	4					100,000						100,000
Information Technology Upgrade/Replace - Revised	1012	2	82,700	82,700	82,700	82,700	82,700	82,700	82,700	82,700	82,700	82,700	827,000
Telephone System Replacement - Revised	1016	2									150,000		150,000
Website Upgrades - Revised	1024	3						60,000					60,000
Door Access System Replacement	1025	2								200,000			200,000
Logo Implementation and Wayfinding - Revised	1030	5	30,000	0	0	0	0						30,000
Video Security System Upgrade/Replace	1035	2							125,000				125,000
Electronic Poll Books	1039	5	80,000							98,000			178,000
Town of Madison - Deleted	1040	1	0	0	0	0	0	0	0	0	0	0	0
Fitchburg Drone Program - New (not funded)	1713	3		0	0	0	0	0	0	0	0	0	0
Oak Hall AV - Revised	1720	5								25,000			25,000
GIS System - Revised	2014	2	2,000			3,000	4,000	4,600	2,000			2,000	17,600
Police Radio Replacements - Revised	2125	2	131,440	175,310	300,000	100,000	110,802	114,126	117,550	121,076	124,709	128,450	1,423,463
Police Body Cameras - Revised	2140	2				173,900	39,168	40,343	41,553	42,800	44,084	45,406	427,254
Police Station Addition	2141	2	0										0
Police Records Mgmt System Replace	2142	2	70,000										70,000
Police Equipment - Revised	2198	3		16,400	23,700	33,000					38,000		111,100
Police Fleet Vehicles - Revised	2199	2	73,564	208,383	214,634	221,073	227,705	234,536	241,572	248,819	256,284	263,973	2,190,543
Air/Light/Rehab Vehicle Replacement - Revised	2229	3							432,000				432,000
Early Warning Sirens	2238	3					29,705						29,705
Command Unit Replacement - Revised	2239	3								284,000			284,000

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement of SCBA & Related Equipment - Revised	2254	3						136,000			468,000		604,000
Replacement of Extrication Equip	2256	2								75,000			75,000
Replacement of Fire Department Squad - Revised	2260	3		39,000									39,000
Fire Dept Fleet Replacement - Revised	2299	2	32,056	33,018	34,009	35,029	36,080	37,162	38,277	39,425	40,608	41,826	367,490
EMS Vehicle Replacement - Revised	2302	2	31,600	0	0	0	0	0	0	0	0	0	31,600
EMS Fleet Replacement - New	2399	2	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	1,116,586
Building Inspection Vehicles	2407	3	7,107	7,320	7,540	7,766	7,999	8,239	8,486	8,741	9,003	9,273	81,474
Public Works Equipment Replace - Revised	3101	2	131,000	79,500	255,000	272,000	247,500	400,300	511,000	318,000	192,500	268,000	2,674,800
Intersection Signalization - Revised	3103	3	175,000										175,000
Plow Fleet Replacement - New	3199	2	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	2,559,456
Street Resurfacing Program - Revised	3319	2	788,000	858,000	928,000	998,000	1,068,000	1,113,000	1,158,000	1,203,000	1,248,000	1,272,000	10,634,000
Herman Road Realignment/Extension - Deleted	3365	3						0					0
Syene Road - McCoy Road N to City limit - Rev	3367	3					90,000	350,000					440,000
Traffic Calming Program - Revised	3450	3	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	210,000
Lacy-MM Intersection Improve and Signal - Revised	3469	3	88,125										88,125
Fish Hatchery Road Left Turn Lane - Revised	3474	3	11,925										11,925
Update Street Lighting - New	3479	3	8,150	26,000	26,000	26,000							86,150
Sidewalk and Path Maint/Improve - Revised	3486	2	66,000	68,210	70,426	72,649	74,879	77,115	79,358	81,609	83,867	86,133	760,246
Fish Hatchery Road Resurfacing - Revised	3488	2		210,000									210,000
Fitchrona Rd (Whalen to Lacy) - New	3493	5				270,000							270,000
Maintenance of Arterials - New	3497	2	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	655,172
Verona Rd Utility Relocations & Related	4630	1	30,000	25,000									55,000
Bike Roundabout Repairs - New	4716	2		50,000									50,000
Curry Court Flooding - New	4717	3						50,000					50,000
Library Bldg Improve Replacements	5298	3	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,605	304,049
McGaw Park Improvements - Revised	6211	3	0				160,000						160,000
McKee Farms Park Improvement - Revised	6212	3				25,000	75,000						100,000
Recurring Park System Improvements	6259	3	57,000	58,000	59,000	60,000	61,000	62,000	63,000	64,000	65,000	66,000	615,000

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Nine Springs Golf Course	6261	3							9,000				*9,000*
Parking Lot Resurfacing - Revised	6262	3	57,330	75,197	78,207	66,367	69,686	73,170	76,828	80,670	84,704	88,939	*751,098*
Tennis Court Improvements - Revised	6263	3		0			320,000						*320,000*
Large Park Shelters Renovate/Replace - Revised	6264	3	0	0	0	0	51,000	52,000	53,000	54,000	55,000	56,000	*321,000*
New Park Shelters - Deleted	6267	3	0	0	0	0							*0*
City Campus Building Systems Replacement - Revised	6302	2	79,568	81,955	84,413	86,946	89,554	92,241	95,008	197,858	175,794	103,818	*1,087,155*
Maintenance Facility Bldg Sys Replace	6304	3	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606	*304,050*
Sr. Center Fleet Vehicles	6352	2	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419	*21,255*
Expenditure Restraint Program Aid - Revised	9999	n/a	-670,000	-625,000	-600,000	-550,000	-500,000	-500,000	-500,000	-500,000	-500,000	-500,000	*-5,445,000*
Capital Property Tax Levy Total			**1,788,363**	**1,896,666**	**2,051,122**	**2,484,947**	**2,960,740**	**3,018,374**	**3,180,498**	**3,286,648**	**3,196,464**	**2,609,474**	***26,473,296***
Contribution from Other Entities													
EMS Vehicle Replacement - Revised	2302	2	31,600	0	0	0	0	0	0	0	0	0	*31,600*
Intersection Signalization - Revised	3103	3	175,000										*175,000*
Lacy-MM Intersection Improve and Signal - Revised	3469	3	68,750										*68,750*
McKee Road Reconstruction Phase II - Revised	3481	2	550,000										*550,000*
Fish Hatchery Road Resurfacing - Revised	3488	2	8,237,072										*8,237,072*
Fitchrona Rd (Lacy to Nesbitt) - New	3492	5		75,000		320,000							*395,000*
Fitchrona Rd (Whalen to Lacy) - New	3493	5				270,000							*270,000*
Fitchrona Road Stormwater Improvements - Revised	4713	2	10,000	56,500									*66,500*
Contribution from Other Entities Total			**9,072,422**	**131,500**	**0**	**590,000**	**0**	**0**	**0**	**0**	**0**	**0**	***9,793,922***
Expenditure Restraint													
Expenditure Restraint Program Aid - Revised	9999	n/a	670,000	625,000	600,000		500,000	500,000		500,000	500,000	500,000	*4,395,000*
Expenditure Restraint Total			**670,000**	**625,000**	**600,000**		**500,000**	**500,000**		**500,000**	**500,000**	**500,000**	***4,395,000***
Grants/Donations (non-util)													
Street Resurfacing Program - Revised	3319	2		65,000		66,000		66,000		67,000		67,000	*331,000*
Syene Road - McCoy Road N to City limit - Rev	3367	3						350,000					*350,000*

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
McKee Road Reconstruction Phase II - Revised	3481	2	3,485,000										3,485,000
Fitchrona Road Stormwater Improvements - Revised	4713	2	10,000	56,500									66,500
McKee Farms Park Improvement - Revised	6212	3							375,000				375,000
Grants/Donations (non-util) Total			**3,495,000**	**121,500**		**66,000**		**416,000**	**375,000**	**67,000**		**67,000**	***4,607,500***
Other (describe)													
Street Resurfacing Program - Revised	3319	2	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000	55,000	60,000	375,000
Lacy-MM Intersection Improve and Signal - Revised	3469	3	88,125										88,125
Other (describe) Total			**103,125**	**20,000**	**25,000**	**30,000**	**35,000**	**40,000**	**45,000**	**50,000**	**55,000**	**60,000**	***463,125***
Project Fund Balance Applied													
Expenditure Restraint Program Aid - Revised	9999	n/a				550,000			500,000				1,050,000
Project Fund Balance Applied Total						**550,000**			**500,000**				***1,050,000***
Sale/Trade In (hwy)													
Public Works Equipment Replace - Revised	3101	2	0	3,500	12,000	24,000	17,000	19,500	43,000	30,000	25,500	7,000	181,500
Sale/Trade In (hwy) Total			**0**	**3,500**	**12,000**	**24,000**	**17,000**	**19,500**	**43,000**	**30,000**	**25,500**	**7,000**	***181,500***
Sale/Trade In (non-hwy, non-util)													
Air/Light/Rehab Vehicle Replacement - Revised	2229	3							50,000				50,000
Replace Water Tenders (T1 & T2)	2233	3			100,000								100,000
Command Unit Replacement - Revised	2239	3								50,000			50,000
Fire Engine Replacement	2250	2					415,000						415,000
Replacement of Fire Department Squad - Revised	2260	3	5,000										5,000
EMS Vehicle Replacement - Revised	2302	2		0	0	0	0	0	0	0	0	0	0
Public Works Equipment Replace - Revised	3101	2	5,000	1,000	8,000	21,000	31,500	17,200	12,000	13,000	5,000	4,000	117,700
Sale/Trade In (non-hwy, non-util) Total			**10,000**	**1,000**	**108,000**	**21,000**	**446,500**	**17,200**	**62,000**	**63,000**	**5,000**	**4,000**	***737,700***

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Cable Fund (transfer)													
FACTv Facility & Equipment Upgrades - Revised	1710	3	50,000	0	0	0	35,000						*85,000*
Video Delivery System Replacements	1711	2	7,500		12,500		80,000						*100,000*
FACTv Fleet Vehicle Replacement Fund	1712	3	5,000	5,000	5,000	2,500	2,600	2,700	2,800	2,900	3,000	3,100	*34,600*
Fitchburg Drone Program - New (not funded)	1713	3		0	0	0	0	0	0	0	0	0	*0*
SRF - Cable Fund (transfer) Total			**62,500**	**5,000**	**17,500**	**2,500**	**117,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	***219,600***
SRF - Fund Balance Applied													
Library Outreach Vehicle	5202	2								60,500			*60,500*
Self-Check Machines	5203	2						85,000					*85,000*
Automated Materials Handling System (Sorter)	5204	3				190,000							*190,000*
SRF - Fund Balance Applied Total						**190,000**		**85,000**		**60,500**			***335,500***
SRF - Park Improve/ Dedication Fees													
McGaw Park Improvements - Revised	6211	3	320,000							0			*320,000*
McKee Farms Park Improvement - Revised	6212	3	15,000										*15,000*
Nine Springs Golf Course	6261	3							21,000				*21,000*
SRF - Park Improve/ Dedication Fees Total			**335,000**						**21,000**	**0**			***356,000***
SRF - Refuse and Recycling Fund													
Information Technology Upgrade/Replace - Revised	1012	2	400	400	400	400	400	400	400	400	400	400	*4,000*
SRF - Refuse and Recycling Fund Total			**400**	**400**	**400**	**400**	**400**	**400**	**400**	**400**	**400**	**400**	***4,000***
TIF #4													
S. Syene-McCoy to Lacy Rd	3368	3		800,000									*800,000*
Fish Hatchery Road Left Turn Lane - Revised	3474	3	35,775										*35,775*
TIF #4 Total			**35,775**	**800,000**									***835,775***

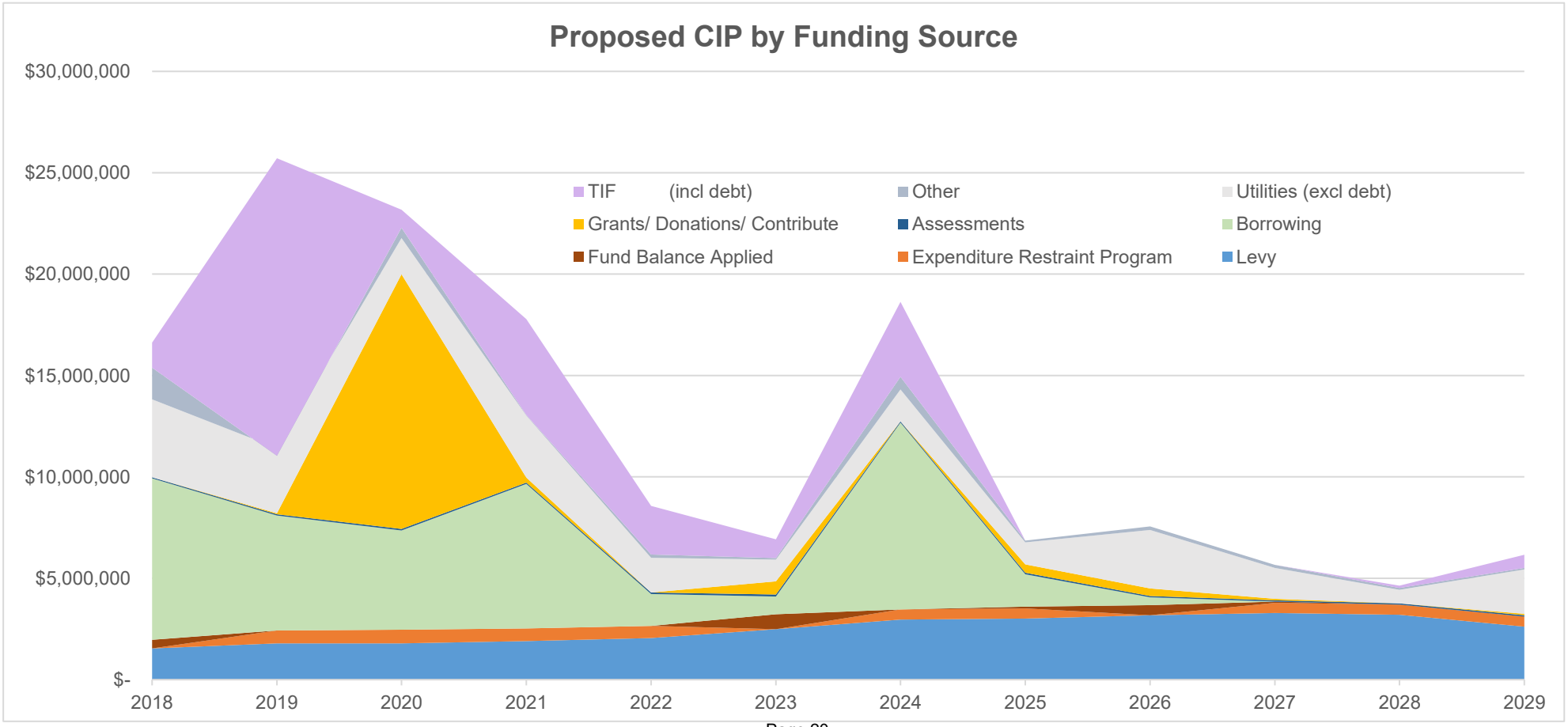
Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
TIF #6													
McKee Road Reconstruction Phase II - Revised	3481	2	2,449,000										*2,449,000*
TIF #6 Total			**2,449,000**										***2,449,000***
TIF #9													
Seminole Highway (Lacy - Schumann) - Deleted	3490	3						0	0	0			*0*
Lacy Rd (Fitchrona to Seminole) - New	3494	3	806,900	3,037,200									*3,844,100*
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495	3				920,385	3,704,620						*4,625,005*
Quarry Vista Extension to Subzero Pkwy - New	3496	5									115,650	655,350	*771,000*
Lacy/Seminole Regional Stormwater - New	4723	1	225,000		2,393,000								*2,618,000*
Lacy/Seminole Storm Ponds for Roads - New	4724	3	157,350	891,650									*1,049,000*
TIF #9 Total			**1,189,250**	**3,928,850**	**2,393,000**	**920,385**	**3,704,620**	**0**	**0**	**0**	**115,650**	**655,350**	***12,907,105***
TIF borrowing													
Fish Hatchery Road Resurfacing - Revised	3488	2	-2,787,141										*-2,787,141*
TIF borrowing Total			**-2,787,141**										***-2,787,141***
Utility - Assessed (sewer)													
Syene Interceptor Extension	4638	3	200,000							1,000,000			*1,200,000*
Utility - Assessed (sewer) Total			**200,000**							**1,000,000**			***1,200,000***
Utility - Assessed (storm)													
Uptown Wet Pond - Revised	4705	3	35,000	350,000	37,000	25,000	10,000						*457,000*
Curry Court Flooding - New	4717	3						110,000					*110,000*
Utility - Assessed (storm) Total			**35,000**	**350,000**	**37,000**	**25,000**	**10,000**	**110,000**					***567,000***
Utility - Assessed (water)													
Greenfield Watermain Extension - Revised	4524	3		445,300									*445,300*

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
North Water Main Loop to NE Neighborhood - Revised	4631	2	180,000										*180,000*
Utility - Assessed (water) Total			**180,000**	**445,300**									***625,300***
Utility - Borrowing (storm)													
Lake Barney Watershed - New	4718	4				300,000	900,000						*1,200,000*
Upsize Schumann Drive Storm Sewer - New	4719	4						800,000					*800,000*
Lacy/Seminole Regional Stormwater - New	4723	1			797,100								*797,100*
Utility - Borrowing (storm) Total					**797,100**	**300,000**	**900,000**	**800,000**					***2,797,100***
Utility - Grants/Donations													
TMDL Modeling - New	4722	3	65,000										*65,000*
Utility - Grants/Donations Total			**65,000**										***65,000***
Utility - Impact Fees													
Lacy Rd (Fitchrona to Seminole) - New	3494	3		7,500									*7,500*
Well 13 and Pump House	4519	3								150,000	180,000	1,800,000	*2,130,000*
Greenfield Watermain Extension - Revised	4524	3	130,000	724,700									*854,700*
Water Tower D	4532	2							2,125,000				*2,125,000*
North Water Main Loop to NE Neighborhood - Revised	4631	2	420,000										*420,000*
Main Oversize/Service Insulat/Hydrant Replace	4632	3	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,756	*472,311*
Utility - Impact Fees Total			**591,200**	**774,636**	**43,709**	**45,020**	**46,371**	**47,762**	**2,174,195**	**200,671**	**232,191**	**1,853,756**	***6,009,511***
Utility - Rates (sewer)													
Town of Madison - Deleted	1040	1				0	0	0	0	0	0	0	*0*
GIS System - Revised	2014	2	250			375	6,000	575	250			250	*7,700*
Street Resurfacing Program - Revised	3319	2	68,500	6,000	241,660	21,000	21,000	21,000	21,000	21,000	21,000	21,000	*463,160*
McKee Road Reconstruction Phase II - Revised	3481	2	42,000										*42,000*
Fish Hatchery Road Resurfacing - Revised	3488	2	-775,000										*-775,000*
Lacy Rd (Fitchrona to Seminole) - New	3494	3		138,200									*138,200*

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495	3					151,089						151,089
Utility - Rates (sewer) Total			**-664,250**	**144,200**	**241,660**	**21,375**	**178,089**	**21,575**	**21,250**	**21,000**	**21,000**	**21,250**	***27,149***
Utility - Rates (stormwater)													
Information Technology Upgrade/Replace - Revised	1012	2	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	11,000
Town of Madison - Deleted	1040	1				0	0	0	0	0	0	0	0
Fitchburg Drone Program - New (not funded)	1713	3		0	0	0	0	0	0	0	0	0	0
GIS System - Revised	2014	2	7,500			11,250	4,000	17,250	7,500			7,500	55,000
Public Works Equipment Replace - Revised	3101	2	14,500		185,000								199,500
Street Resurfacing Program - Revised	3319	2	8,000	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	61,000
Fish Hatchery Road Resurfacing - Revised	3488	2	-121,300										-121,300
Lacy Rd (Fitchrona to Seminole) - New	3494	3		353,100									353,100
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495	3					377,723						377,723
Stormwater Pond Dredging and Retrofits - Revised	4702	2	650,000	375,000	366,000	305,000	118,000	123,000	128,000	133,000	138,000	143,000	2,479,000
Greenway Restoration & Pond Enlargement - Revised	4708	3	10,000										10,000
Traceway Drive Storm Sewer Reroute - Revised	4711	3				34,000	225,000	15,000	10,000	5,000			289,000
Fitchrona Road Stormwater Improvements - Revised	4713	2	35,000	56,500									91,500
Drainage and Flooding Improvements	4714	3	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	413,274
Bike Roundabout Repairs - New	4716	2		150,000									150,000
Curry Court Flooding - New	4717	3				40,000	45,000	400,000					485,000
Lake Barney Watershed - New	4718	4	60,000	60,000	60,000	50,000							230,000
Seminole Glen Park Pond - New	4720	4	12,000										12,000
Stormwater Pump - New	4721	2	100,000										100,000
TMDL Modeling - New	4722	3	65,000										65,000
Lacy/Seminole Regional Stormwater - New	4723	1	75,000										75,000
Utility - Rates (stormwater) Total			**952,850**	**1,037,832**	**656,345**	**486,743**	**817,398**	**604,142**	**195,646**	**189,437**	**190,767**	**204,637**	***5,335,797***

Source	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (water)													
Information Technology Upgrade/Replace - Revised	1012	2	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	*23,000*
Town of Madison - Deleted	1040	1				0	0	0	0	0	0	0	*0*
GIS System - Revised	2014	2	250			375	6,000	575	250			250	*7,700*
Public Works Equipment Replace - Revised	3101	2	43,000	23,000	1,000	35,000	36,000	12,300	30,000	38,200	130,220		*348,720*
Street Resurfacing Program - Revised	3319	2	68,500	6,000	651,660	395,000	21,000	21,000	21,000	21,000	21,000	21,000	*1,247,160*
McKee Road Reconstruction Phase II - Revised	3481	2	74,000										*74,000*
Fish Hatchery Road Resurfacing - Revised	3488	2	-50,000										*-50,000*
Lacy Rd (Fitchrona to Seminole) - New	3494	3		222,800									*222,800*
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495	3					302,178						*302,178*
SCADA Upgrade - Revised	4522	2					30,000					30,000	*60,000*
Water Tower Repainting	4525	3						20,000	230,000				*250,000*
Main Oversize/Service Insulat/Hydrant Replace	4632	3	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,757	*472,312*
Well Maintenance - Revised	4633	3	240,000		0		80,000	200,000	160,000				*680,000*
Utility - Rates (water) Total			**419,250**	**296,536**	**698,669**	**477,695**	**523,849**	**303,937**	**492,745**	**112,171**	**205,711**	**107,307**	***3,637,870***
Utility - Sale/Trade In (storm)													
Public Works Equipment Replace - Revised	3101	2	500		40,000								*40,500*
Utility - Sale/Trade In (storm) Total			**500**		**40,000**								***40,500***
Utility - Sale/Trade In (W&S)													
Public Works Equipment Replace - Revised	3101	2	1,000	2,000	500	12,500	3,000	500	0	5,000	14,500		*39,000*
Utility - Sale/Trade In (W&S) Total			**1,000**	**2,000**	**500**	**12,500**	**3,000**	**500**	**0**	**5,000**	**14,500**		***39,000***
GRAND TOTAL			**23,172,488**	**17,780,402**	**8,569,728**	**6,919,639**	**18,637,904**	**6,854,900**	**7,556,729**	**5,657,317**	**4,634,181**	**6,162,692**	***105,945,980***

	Levy	Expenditure Restraint Program	Fund Balance Applied	Borrowing	Assessments	Grants/ Donations/ Contribute	Utilities (excl debt)	TIF (incl debt)	Other	Total Project Expenditure
2018 actual	$1,538,763	$ -	$ 430,000	$ 7,959,350	$ 47,835	$ -	$3,848,000	$ 1,241,000	$1,558,544	$16,623,492
2019 actual	$1,788,363	$ 633,000	$ -	$ 5,675,663	$ 55,000	$ 55,000	$3,202,500	$14,668,952	$ (362,965)	$25,715,513
2020 proposed	$1,788,363	$ 670,000	$ -	$ 4,902,194	$ 66,050	$ 12,567,422	$1,780,550	$ 886,884	$ 511,025	$23,172,488
2021 proposed	$1,896,666	$ 625,000	$ -	$ 7,130,100	$ 66,382	$ 253,000	$3,050,504	$ 4,728,850	$ 29,900	$17,780,402
2022 proposed	$2,051,122	$ 600,000	$ -	$ 1,578,100	$ 66,723	$ -	$1,717,883	$ 2,393,000	$ 162,900	$ 8,569,728
2023 proposed	$2,484,947		$ 740,000	$ 872,000	$ 100,074	$ 656,000	$1,068,333	$ 920,385	$ 77,900	$ 6,919,639
2024 proposed	$2,960,740	$ 500,000	$ -	$ 9,209,900	$ 67,437	$ -	$1,578,707	$ 3,704,620	$ 616,500	$18,637,904
2025 proposed	$3,018,374	$ 500,000	$ 85,000	$ 1,600,000	$ 67,810	$ 416,000	$1,087,916	$ -	$ 79,800	$ 6,854,900
2026 proposed	$3,180,498		$ 500,000	$ 375,000	$ 68,195	$ 375,000	$2,883,836	$ -	$ 174,200	$ 7,556,729
2027 proposed	$3,286,648	$ 500,000	$ 60,500	$ -	$ 68,590	$ 67,000	$1,528,279	$ -	$ 146,300	$ 5,657,317
2028 proposed	$3,196,464	$ 500,000	$ -	$ -	$ 68,998	$ -	$ 664,169	$ 115,650	$ 88,900	$ 4,634,181
2029 proposed	$2,609,474	$ 500,000	$ -	$ -	$ 69,418	$ 67,000	$2,186,950	$ 655,350	$ 74,500	$ 6,162,692



City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS BY DEPARTMENT

Department	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Admin													
Town of Madison - Deleted	*1040*	1	0	0	0	0	0	0	0	0	0	0	*0*
Admin Total			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	***0***
Admin - FACTv (cable)													
FACTv Facility & Equipment Upgrades - Revised	*1710*	3	50,000	0	0	0	35,000						*85,000*
Video Delivery System Replacements	*1711*	2	7,500		12,500		80,000						*100,000*
FACTv Fleet Vehicle Replacement Fund	*1712*	3	5,000	5,000	5,000	2,500	2,600	2,700	2,800	2,900	3,000	3,100	*34,600*
Fitchburg Drone Program - New (not funded)	*1713*	3		0	0	0	0	0	0	0	0	0	*0*
Admin - FACTv (cable) Total			**62,500**	**5,000**	**17,500**	**2,500**	**117,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	***219,600***
Admin - Technology													
Information Technology Upgrade/Replace - Revised	*1012*	2	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	*865,000*
Telephone System Replacement - Revised	*1016*	2									150,000		*150,000*
Website Upgrades - Revised	*1024*	3						60,000					*60,000*
Door Access System Replacement	*1025*	2								200,000			*200,000*
Video Security System Upgrade/Replace	*1035*	2							125,000				*125,000*
Police Records Mgmt System Replace	*2142*	2	70,000										*70,000*
Admin - Technology Total			**156,500**	**86,500**	**86,500**	**86,500**	**86,500**	**146,500**	**211,500**	**286,500**	**236,500**	**86,500**	***1,470,000***
Building Inspection													
Building Inspection Vehicles	*2407*	3	7,107	7,320	7,540	7,766	7,999	8,239	8,486	8,741	9,003	9,273	*81,474*
Building Inspection Total			**7,107**	**7,320**	**7,540**	**7,766**	**7,999**	**8,239**	**8,486**	**8,741**	**9,003**	**9,273**	***81,474***

Department	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Clerk													
Electronic Poll Books	1039	5	80,000							98,000			*178,000*
Clerk Total			**80,000**							**98,000**			***178,000***
Econ Dev													
Logo Implementation and Wayfinding - Revised	1030	5	30,000	0	0	0	0						*30,000*
Econ Dev Total			**30,000**	**0**	**0**	**0**	**0**						***30,000***
EMS													
EMS Vehicle Replacement - Revised	2302	2	63,200	0	0	0	0	0	0	0	0	0	*63,200*
EMS Fleet Replacement - New	2399	2	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	*1,116,586*
EMS Total			**160,600**	**100,322**	**103,332**	**106,432**	**109,625**	**112,914**	**116,301**	**119,790**	**123,384**	**127,086**	***1,179,786***
Finance													
New Financial System - Revised	1006	4					100,000	800,000					*900,000*
Finance Total							**100,000**	**800,000**					***900,000***
Fire Department													
Air/Light/Rehab Vehicle Replacement - Revised	2229	3							482,000				*482,000*
Replace Water Tenders (T1 & T2)	2233	3			701,000								*701,000*
Command Unit Replacement - Revised	2239	3								334,000			*334,000*
Fire Engine Replacement	2250	2					1,645,000						*1,645,000*
Replacement of SCBA & Related Equipment - Revised	2254	3						136,000			468,000		*604,000*
Replacement of Extrication Equip	2256	2								75,000			*75,000*
Replacement of Fire Department Squad - Revised	2260	3	609,000	39,000									*648,000*
Portable/Mobile Radio Upgrade	2265	3		526,500									*526,500*
Fire Dept Fleet Replacement - Revised	2299	2	32,056	33,018	34,009	35,029	36,080	37,162	38,277	39,425	40,608	41,826	*367,490*
Fire Department Total			**641,056**	**598,518**	**735,009**	**35,029**	**1,681,080**	**173,162**	**520,277**	**448,425**	**508,608**	**41,826**	***5,382,990***
Library													
Library Outreach Vehicle	5202	2								60,500			*60,500*
Self-Check Machines	5203	2						85,000					*85,000*

Department	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Automated Materials Handling System (Sorter)	5204	3				190,000							*190,000*
Library Bldg Improve Replacements	5298	3	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,605	*304,049*
Library Total			**26,522**	**27,318**	**28,138**	**218,982**	**29,851**	**115,747**	**31,669**	**93,119**	**33,598**	**34,605**	***639,549***
Parks, Recreation, and Forestr													
McGaw Park Improvements - Revised	6211	3	320,000				160,000			0			*480,000*
McKee Farms Park Improvement - Revised	6212	3	15,000			25,000	75,000		750,000				*865,000*
Recurring Park System Improvements	6259	3	57,000	58,000	59,000	60,000	61,000	62,000	63,000	64,000	65,000	66,000	*615,000*
Nine Springs Golf Course	6261	3							30,000				*30,000*
Tennis Court Improvements - Revised	6263	3		0			320,000						*320,000*
Large Park Shelters Renovate/Replace - Revised	6264	3	0	0	0	0	51,000	52,000	53,000	54,000	55,000	56,000	*321,000*
New Park Shelters - Deleted	6267	3	0	0	0	0							*0*
Parks, Recreation, and Forestr Total			**392,000**	**58,000**	**59,000**	**85,000**	**667,000**	**114,000**	**896,000**	**118,000**	**120,000**	**122,000**	***2,631,000***
Police Department													
Police Radio Replacements - Revised	2125	2	131,440	175,310	300,000	100,000	110,802	114,126	117,550	121,076	124,709	128,450	*1,423,463*
Police Body Cameras - Revised	2140	2				173,900	39,168	40,343	41,553	42,800	44,084	45,406	*427,254*
Police Station Addition	2141	2	1,600,000	0	0		6,400,000						*8,000,000*
Police Equipment - Revised	2198	3		16,400	23,700	33,000					38,000		*111,100*
Police Fleet Vehicles - Revised	2199	2	73,564	208,383	214,634	221,073	227,705	234,536	241,572	248,819	256,284	263,973	*2,190,543*
Police Department Total			**1,805,004**	**400,093**	**538,334**	**527,973**	**6,777,675**	**389,005**	**400,675**	**412,695**	**463,077**	**437,829**	***12,152,360***
Public Works - B&G													
Oak Hall AV - Revised	1720	5								25,000			*25,000*
Early Warning Sirens	2238	3					29,705						*29,705*
Parking Lot Resurfacing - Revised	6262	3	57,330	75,197	78,207	66,367	69,686	73,170	76,828	80,670	84,704	88,939	*751,098*
City Campus Building Systems Replacement - Revised	6302	2	79,568	81,955	84,413	86,946	89,554	92,241	95,008	197,858	175,794	103,818	*1,087,155*
Maintenance Facility Bldg Sys Replace	6304	3	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606	*304,050*
Public Works - B&G Total			**163,420**	**184,470**	**190,758**	**182,295**	**218,796**	**196,158**	**203,505**	**336,147**	**294,096**	**227,363**	***2,197,008***
Public Works - General													
GIS System - Revised	2014	2	10,000			15,000	20,000	23,000	10,000			10,000	*88,000*
Public Works Equipment Replace - Revised	3101	2	195,000	109,000	501,500	364,500	335,000	449,800	596,000	404,200	367,720	279,000	*3,601,720*

Department	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Plow Fleet Replacement - New	3199	2	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	2,559,456
Public Works - General Total			**409,500**	**319,635**	**742,643**	**627,877**	**610,828**	**736,303**	**877,408**	**683,750**	**655,657**	**585,575**	***6,249,176***
Public Works - Parks													
Bike Roundabout Repairs - New	4716	2		200,000									200,000
Public Works - Parks Total				**200,000**									***200,000***
Public Works - Sewer													
Syene Interceptor Extension	4638	3	200,000							1,000,000			1,200,000
Public Works - Sewer Total			**200,000**							**1,000,000**			***1,200,000***
Public Works - Storm													
Stormwater Pond Dredging and Retrofits - Revised	4702	2	650,000	375,000	366,000	305,000	118,000	123,000	128,000	133,000	138,000	143,000	2,479,000
Uptown Wet Pond - Revised	4705	3	35,000	350,000	37,000	25,000	10,000						457,000
Greenway Restoration & Pond Enlargement - Revised	4708	3	10,000										10,000
Traceway Drive Storm Sewer Reroute - Revised	4711	3				34,000	225,000	15,000	10,000	5,000			289,000
Fitchrona Road Stormwater Improvements - Revised	4713	2	55,000	169,500									224,500
Drainage and Flooding Improvements	4714	3	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	413,274
Curry Court Flooding - New	4717	3				40,000	45,000	560,000					645,000
Lake Barney Watershed - New	4718	4	60,000	60,000	60,000	350,000	900,000						1,430,000
Upsize Schumann Drive Storm Sewer - New	4719	4						800,000					800,000
Seminole Glen Park Pond - New	4720	4	12,000										12,000
Stormwater Pump - New	4721	2	100,000										100,000
TMDL Modeling - New	4722	3	130,000										130,000
Lacy/Seminole Regional Stormwater - New	4723	1	300,000		3,190,100								3,490,100
Lacy/Seminole Storm Ponds for Roads - New	4724	3	157,350	891,650									1,049,000
Public Works - Storm Total			**1,545,400**	**1,883,282**	**3,691,345**	**793,393**	**1,338,575**	**1,539,792**	**181,046**	**182,337**	**183,667**	**190,037**	***11,528,874***
Public Works - Streets													
Intersection Signalization - Revised	3103	3	350,000										350,000
Street Resurfacing Program - Revised	3319	2	1,084,050	1,071,082	1,938,434	1,577,147	1,187,182	1,303,217	1,287,254	1,404,291	1,387,330	1,483,370	13,723,357

Department	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Herman Road Realignment/Extension - Deleted	3365	3						0					*0*
Syene Road - McCoy Road N to City limit - Rev	3367	3					90,000	700,000					*790,000*
S. Syene-McCoy to Lacy Rd	3368	3	580,000	6,440,000									*7,020,000*
Traffic Calming Program - Revised	3450	3	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	*210,000*
Lacy-MM Intersection Improve and Signal - Revised	3469	3	245,000										*245,000*
Fish Hatchery Road Left Turn Lane - Revised	3474	3	47,700										*47,700*
Update Street Lighting - New	3479	3	8,150	26,000	26,000	26,000							*86,150*
McKee Road Reconstruction Phase II - Revised	3481	2	8,600,000										*8,600,000*
Sidewalk and Path Maint/Improve - Revised	3486	2	96,000	98,510	101,035	103,576	106,134	108,708	111,299	113,908	116,535	119,181	*1,074,886*
Fish Hatchery Road Resurfacing - Revised	3488	2	4,521,825	210,000									*4,731,825*
Seminole Highway (Lacy - Schumann) - Deleted	3490	3						0	0	0			*0*
Fitchrona Rd (Lacy to Nesbitt) - New	3492	5		150,000	130,000	900,000							*1,180,000*
Fitchrona Rd (Whalen to Lacy) - New	3493	5				540,000							*540,000*
Lacy Rd (Fitchrona to Seminole) - New	3494	3	806,900	4,572,400									*5,379,300*
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495	3				920,385	5,215,510						*6,135,895*
Quarry Vista Extension to Subzero Pkwy - New	3496	5									115,650	655,350	*771,000*
Maintenance of Arterials - New	3497	2	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	*655,172*
Public Works - Streets Total			**16,408,625**	**12,628,162**	**2,280,244**	**4,153,826**	**6,687,546**	**2,202,707**	**1,491,458**	**1,613,291**	**1,716,860**	**2,357,566**	***51,540,285***
Public Works - Water													
Well 13 and Pump House	4519	3								150,000	180,000	1,800,000	*2,130,000*
SCADA Upgrade - Revised	4522	2					30,000					30,000	*60,000*
Greenfield Watermain Extension - Revised	4524	3	130,000	1,170,000									*1,300,000*
Water Tower Repainting	4525	3						20,000	230,000				*250,000*
Water Tower D	4532	2							2,125,000				*2,125,000*
Verona Rd Utility Relocations & Related	4630	1	30,000	25,000									*55,000*
North Water Main Loop to NE Neighborhood - Revised	4631	2	600,000										*600,000*
Main Oversize/Service Insulat/Hydrant Replace	4632	3	82,400	84,872	87,418	90,040	92,742	95,524	98,390	101,342	104,382	107,513	*944,623*
Well Maintenance - Revised	4633	3	240,000		0		80,000	200,000	160,000				*680,000*
Public Works - Water Total			**1,082,400**	**1,279,872**	**87,418**	**90,040**	**202,742**	**315,524**	**2,613,390**	**251,342**	**284,382**	**1,937,513**	***8,144,623***

Department	#	Priority	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Senior Center													
Sr. Center Fleet Vehicles	*6352*	2	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419	*21,255*
	Senior Center Total		**1,854**	**1,910**	**1,967**	**2,026**	**2,087**	**2,149**	**2,214**	**2,280**	**2,349**	**2,419**	***21,255***
	GRAND TOTAL		**23,172,488**	**17,780,402**	**8,569,728**	**6,919,639**	**18,637,904**	**6,854,900**	**7,556,729**	**5,657,317**	**4,634,181**	**6,162,692**	***105,945,980***

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Admin												
Town of Madison - Deleted	1040	0	0	0	0	0	0	0	0	0	0	*0*
Capital Property Tax Levy		***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (sewer)					***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (stormwater)					***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (water)					***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Admin Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	***0***
Admin - FACTv (cable)												
FACTv Facility & Equipment Upgrades - Revised	1710	50,000	0	0	0	35,000						*85,000*
SRF - Cable Fund (transfer)		***50,000***	***0***	***0***	***0***	***35,000***						***85,000***
Video Delivery System Replacements	1711	7,500		12,500		80,000						*100,000*
SRF - Cable Fund (transfer)		***7,500***		***12,500***		***80,000***						***100,000***
FACTv Fleet Vehicle Replacement	1712	5,000	5,000	5,000	2,500	2,600	2,700	2,800	2,900	3,000	3,100	*34,600*
SRF - Cable Fund (transfer)		***5,000***	***5,000***	***5,000***	***2,500***	***2,600***	***2,700***	***2,800***	***2,900***	***3,000***	***3,100***	***34,600***
Fitchburg Drone Program - New (not funded)	1713		0	0	0	0	0	0	0	0	0	*0*
Capital Property Tax Levy			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
SRF - Cable Fund (transfer)			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (stormwater)			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Admin - FACTv (cable) Total		**62,500**	**5,000**	**17,500**	**2,500**	**117,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	***219,600***
Admin - Technology												
Information Technology Upgrade/Replace - Revised	1012	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	*865,000*
Capital Property Tax Levy		***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***827,000***
SRF - Refuse and Recycling Fund		***400***	***400***	***400***	***400***	***400***	***400***	***400***	***400***	***400***	***400***	***4,000***
Utility - Rates (stormwater)		***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***11,000***
Utility - Rates (water)		***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***23,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Telephone System Replacement - Revised	1016									150,000		*150,000*
Capital Property Tax Levy										***150,000***		***150,000***
Website Upgrades - Revised	1024						60,000					*60,000*
Capital Property Tax Levy							***60,000***					***60,000***
Door Access System Replacement	1025								200,000			*200,000*
Capital Property Tax Levy									***200,000***			***200,000***
Video Security System Upgrade/Replace	1035							125,000				*125,000*
Capital Property Tax Levy								***125,000***				***125,000***
Police Records Mgmt System Replace	2142	70,000										*70,000*
Capital Property Tax Levy		***70,000***										***70,000***
Admin - Technology Total		**156,500**	**86,500**	**86,500**	**86,500**	**86,500**	**146,500**	**211,500**	**286,500**	**236,500**	**86,500**	***1,470,000***
Building Inspection												
Building Inspection Vehicles	2407	7,107	7,320	7,540	7,766	7,999	8,239	8,486	8,741	9,003	9,273	*81,474*
Capital Property Tax Levy		***7,107***	***7,320***	***7,540***	***7,766***	***7,999***	***8,239***	***8,486***	***8,741***	***9,003***	***9,273***	***81,474***
Building Inspection Total		**7,107**	**7,320**	**7,540**	**7,766**	**7,999**	**8,239**	**8,486**	**8,741**	**9,003**	**9,273**	***81,474***
Clerk												
Electronic Poll Books	1039	80,000							98,000			*178,000*
Capital Property Tax Levy		***80,000***							***98,000***			***178,000***
Clerk Total		**80,000**							**98,000**			***178,000***
Econ Dev												
Logo Implementation and Wayfinding - Revised	1030	30,000	0	0	0	0						*30,000*
Capital Property Tax Levy		***30,000***	***0***	***0***	***0***	***0***						***30,000***
Econ Dev Total		**30,000**	**0**	**0**	**0**	**0**						***30,000***
EMS												
EMS Vehicle Replacement - Revised	2302	63,200	0	0	0	0	0	0	0	0	0	*63,200*
Capital Property Tax Levy		***31,600***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***31,600***
Contribution from Other Entities		***31,600***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***31,600***
Sale/Trade In (non-hwy, non-util)			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
EMS Fleet Replacement - New	2399	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	*1,116,586*
Capital Property Tax Levy		***97,400***	***100,322***	***103,332***	***106,432***	***109,625***	***112,914***	***116,301***	***119,790***	***123,384***	***127,086***	***1,116,586***
EMS Total		**160,600**	**100,322**	**103,332**	**106,432**	**109,625**	**112,914**	**116,301**	**119,790**	**123,384**	**127,086**	***1,179,786***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Finance												
New Financial System - Revised	1006					100,000	800,000					*900,000*
Borrowing (non-util, GO debt)							***800,000***					***800,000***
Capital Property Tax Levy						***100,000***						***100,000***
Finance Total						**100,000**	**800,000**					***900,000***
Fire Department												
Air/Light/Rehab Vehicle Replacement - Revised	2229							482,000				*482,000*
Capital Property Tax Levy								***432,000***				***432,000***
Sale/Trade In (non-hwy, non-util)								***50,000***				***50,000***
Replace Water Tenders (T1 & T2)	2233			701,000								*701,000*
Borrowing (non-util, GO debt)				***601,000***								***601,000***
Sale/Trade In (non-hwy, non-util)				***100,000***								***100,000***
Command Unit Replacement - Revised	2239								334,000			*334,000*
Capital Property Tax Levy									***284,000***			***284,000***
Sale/Trade In (non-hwy, non-util)									***50,000***			***50,000***
Fire Engine Replacement	2250					1,645,000						*1,645,000*
Borrowing (non-util, GO debt)						***1,230,000***						***1,230,000***
Sale/Trade In (non-hwy, non-util)						***415,000***						***415,000***
Replacement of SCBA & Related Equipment - Revised	2254						136,000			468,000		*604,000*
Capital Property Tax Levy							***136,000***			***468,000***		***604,000***
Replacement of Extrication Equip	2256								75,000			*75,000*
Capital Property Tax Levy									***75,000***			***75,000***
Replacement of Fire Department Squad - Revised	2260	609,000	39,000									*648,000*
Borrowing (non-util, GO debt)		***604,000***										***604,000***
Capital Property Tax Levy			***39,000***									***39,000***
Sale/Trade In (non-hwy, non-util)		***5,000***										***5,000***
Portable/Mobile Radio Upgrade	2265		526,500									*526,500*
Borrowing (non-util, GO debt)			***526,500***									***526,500***
Fire Dept Fleet Replacement - Revised	2299	32,056	33,018	34,009	35,029	36,080	37,162	38,277	39,425	40,608	41,826	*367,490*
Capital Property Tax Levy		***32,056***	***33,018***	***34,009***	***35,029***	***36,080***	***37,162***	***38,277***	***39,425***	***40,608***	***41,826***	***367,490***
Fire Department Total		**641,056**	**598,518**	**735,009**	**35,029**	**1,681,080**	**173,162**	**520,277**	**448,425**	**508,608**	**41,826**	***5,382,990***
Library												
Library Outreach Vehicle	5202								60,500			*60,500*
SRF - Fund Balance Applied									***60,500***			***60,500***
Self-Check Machines	5203						85,000					*85,000*
SRF - Fund Balance Applied							***85,000***					***85,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Automated Materials Handling System (Sorter)	5204				190,000							*190,000*
SRF - Fund Balance Applied					***190,000***							***190,000***
Library Bldg Improve Replacements	5298	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,605	*304,049*
Capital Property Tax Levy		***26,522***	***27,318***	***28,138***	***28,982***	***29,851***	***30,747***	***31,669***	***32,619***	***33,598***	***34,605***	***304,049***
Library Total		**26,522**	**27,318**	**28,138**	**218,982**	**29,851**	**115,747**	**31,669**	**93,119**	**33,598**	**34,605**	***639,549***
Parks, Recreation, and Forestr												
McGaw Park Improvements - Revised	6211	320,000				160,000			0			*480,000*
Capital Property Tax Levy		***0***				***160,000***						***160,000***
SRF - Park Improve/ Dedication Fees		***320,000***							***0***			***320,000***
McKee Farms Park Improvement - Revised	6212	15,000			25,000	75,000		750,000				*865,000*
Borrowing (non-util, GO debt)								***375,000***				***375,000***
Capital Property Tax Levy					***25,000***	***75,000***						***100,000***
Grants/Donations (non-util)								***375,000***				***375,000***
SRF - Park Improve/ Dedication Fees		***15,000***										***15,000***
Recurring Park System Improvements	6259	57,000	58,000	59,000	60,000	61,000	62,000	63,000	64,000	65,000	66,000	*615,000*
Capital Property Tax Levy		***57,000***	***58,000***	***59,000***	***60,000***	***61,000***	***62,000***	***63,000***	***64,000***	***65,000***	***66,000***	***615,000***
Nine Springs Golf Course	6261							30,000				*30,000*
Capital Property Tax Levy								***9,000***				***9,000***
SRF - Park Improve/ Dedication Fees								***21,000***				***21,000***
Tennis Court Improvements - Revised	6263		0			320,000						*320,000*
Capital Property Tax Levy			***0***			***320,000***						***320,000***
Large Park Shelters Renovate/Replace - Revised	6264	0	0	0	0	51,000	52,000	53,000	54,000	55,000	56,000	*321,000*
Capital Property Tax Levy		***0***	***0***	***0***	***0***	***51,000***	***52,000***	***53,000***	***54,000***	***55,000***	***56,000***	***321,000***
New Park Shelters - Deleted	6267	0	0	0	0							*0*
Capital Property Tax Levy		***0***	***0***	***0***	***0***							***0***
Parks, Recreation, and Forestr Total		**392,000**	**58,000**	**59,000**	**85,000**	**667,000**	**114,000**	**896,000**	**118,000**	**120,000**	**122,000**	***2,631,000***
Police Department												
Police Radio Replacements - Revised	2125	131,440	175,310	300,000	100,000	110,802	114,126	117,550	121,076	124,709	128,450	*1,423,463*
Capital Property Tax Levy		***131,440***	***175,310***	***300,000***	***100,000***	***110,802***	***114,126***	***117,550***	***121,076***	***124,709***	***128,450***	***1,423,463***
Police Body Cameras - Revised	2140				173,900	39,168	40,343	41,553	42,800	44,084	45,406	*427,254*
Capital Property Tax Levy					***173,900***	***39,168***	***40,343***	***41,553***	***42,800***	***44,084***	***45,406***	***427,254***
Police Station Addition	2141	1,600,000	0	0		6,400,000						*8,000,000*
Borrowing (non-util, GO debt)		***1,600,000***	***0***	***0***		***6,400,000***						***8,000,000***
Capital Property Tax Levy		***0***										***0***
Police Equipment - Revised	2198		16,400	23,700	33,000					38,000		*111,100*
Capital Property Tax Levy			***16,400***	***23,700***	***33,000***					***38,000***		***111,100***
Police Fleet Vehicles - Revised	2199	73,564	208,383	214,634	221,073	227,705	234,536	241,572	248,819	256,284	263,973	*2,190,543*
Capital Property Tax Levy		***73,564***	***208,383***	***214,634***	***221,073***	***227,705***	***234,536***	***241,572***	***248,819***	***256,284***	***263,973***	***2,190,543***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Police Department Total		**1,805,004**	**400,093**	**538,334**	**527,973**	**6,777,675**	**389,005**	**400,675**	**412,695**	**463,077**	**437,829**	***12,152,360***
Public Works - B&G												
Oak Hall AV - Revised	1720								25,000			*25,000*
Capital Property Tax Levy									***25,000***			***25,000***
Early Warning Sirens	2238					29,705						*29,705*
Capital Property Tax Levy						***29,705***						***29,705***
Parking Lot Resurfacing - Revised	6262	57,330	75,197	78,207	66,367	69,686	73,170	76,828	80,670	84,704	88,939	*751,098*
Capital Property Tax Levy		***57,330***	***75,197***	***78,207***	***66,367***	***69,686***	***73,170***	***76,828***	***80,670***	***84,704***	***88,939***	***751,098***
City Campus Building Systems Replacement - Revised	6302	79,568	81,955	84,413	86,946	89,554	92,241	95,008	197,858	175,794	103,818	*1,087,155*
Capital Property Tax Levy		***79,568***	***81,955***	***84,413***	***86,946***	***89,554***	***92,241***	***95,008***	***197,858***	***175,794***	***103,818***	***1,087,155***
Maintenance Facility Bldg Sys Replace	6304	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606	*304,050*
Capital Property Tax Levy		***26,522***	***27,318***	***28,138***	***28,982***	***29,851***	***30,747***	***31,669***	***32,619***	***33,598***	***34,606***	***304,050***
Public Works - B&G Total		**163,420**	**184,470**	**190,758**	**182,295**	**218,796**	**196,158**	**203,505**	**336,147**	**294,096**	**227,363**	***2,197,008***
Public Works - General												
GIS System - Revised	2014	10,000			15,000	20,000	23,000	10,000			10,000	*88,000*
Capital Property Tax Levy		***2,000***			***3,000***	***4,000***	***4,600***	***2,000***			***2,000***	***17,600***
Utility - Rates (sewer)		***250***			***375***	***6,000***	***575***	***250***			***250***	***7,700***
Utility - Rates (stormwater)		***7,500***			***11,250***	***4,000***	***17,250***	***7,500***			***7,500***	***55,000***
Utility - Rates (water)		***250***			***375***	***6,000***	***575***	***250***			***250***	***7,700***
Public Works Equipment Replace - Revised	3101	195,000	109,000	501,500	364,500	335,000	449,800	596,000	404,200	367,720	279,000	*3,601,720*
Capital Property Tax Levy		***131,000***	***79,500***	***255,000***	***272,000***	***247,500***	***400,300***	***511,000***	***318,000***	***192,500***	***268,000***	***2,674,800***
Sale/Trade In (hwy)		***0***	***3,500***	***12,000***	***24,000***	***17,000***	***19,500***	***43,000***	***30,000***	***25,500***	***7,000***	***181,500***
Sale/Trade In (non-hwy, non-util)		***5,000***	***1,000***	***8,000***	***21,000***	***31,500***	***17,200***	***12,000***	***13,000***	***5,000***	***4,000***	***117,700***
Utility - Rates (stormwater)		***14,500***		***185,000***								***199,500***
Utility - Rates (water)		***43,000***	***23,000***	***1,000***	***35,000***	***36,000***	***12,300***	***30,000***	***38,200***	***130,220***		***348,720***
Utility - Sale/Trade In (storm)		***500***		***40,000***								***40,500***
Utility - Sale/Trade In (W&S)		***1,000***	***2,000***	***500***	***12,500***	***3,000***	***500***	***0***	***5,000***	***14,500***		***39,000***
Plow Fleet Replacement - New	3199	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	*2,559,456*
Capital Property Tax Levy		***204,500***	***210,635***	***241,143***	***248,377***	***255,828***	***263,503***	***271,408***	***279,550***	***287,937***	***296,575***	***2,559,456***
Public Works - General Total		**409,500**	**319,635**	**742,643**	**627,877**	**610,828**	**736,303**	**877,408**	**683,750**	**655,657**	**585,575**	***6,249,176***
Public Works - Parks												
Bike Roundabout Repairs - New	4716		200,000									*200,000*
Capital Property Tax Levy			***50,000***									***50,000***
Utility - Rates (stormwater)			***150,000***									***150,000***
Public Works - Parks Total			**200,000**									***200,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Public Works - Sewer												
Syene Interceptor Extension	4638	200,000							1,000,000			*1,200,000*
Utility - Assessed (sewer)		***200,000***							***1,000,000***			***1,200,000***
Public Works - Sewer Total		**200,000**							**1,000,000**			***1,200,000***
Public Works - Storm												
Stormwater Pond Dredging and Retrofits - Revised	4702	650,000	375,000	366,000	305,000	118,000	123,000	128,000	133,000	138,000	143,000	*2,479,000*
Utility - Rates (stormwater)		***650,000***	***375,000***	***366,000***	***305,000***	***118,000***	***123,000***	***128,000***	***133,000***	***138,000***	***143,000***	***2,479,000***
Uptown Wet Pond - Revised	4705	35,000	350,000	37,000	25,000	10,000						*457,000*
Utility - Assessed (storm)		***35,000***	***350,000***	***37,000***	***25,000***	***10,000***						***457,000***
Greenway Restoration & Pond Enlargement - Revised	4708	10,000										*10,000*
Utility - Rates (stormwater)		***10,000***										***10,000***
Traceway Drive Storm Sewer Reroute - Revised	4711				34,000	225,000	15,000	10,000	5,000			*289,000*
Utility - Rates (stormwater)					***34,000***	***225,000***	***15,000***	***10,000***	***5,000***			***289,000***
Fitchrona Road Stormwater Improvements - Revised	4713	55,000	169,500									*224,500*
Contribution from Other Entities		***10,000***	***56,500***									***66,500***
Grants/Donations (non-util)		***10,000***	***56,500***									***66,500***
Utility - Rates (stormwater)		***35,000***	***56,500***									***91,500***
Drainage and Flooding Improvements	4714	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	*413,274*
Utility - Rates (stormwater)		***36,050***	***37,132***	***38,245***	***39,393***	***40,575***	***41,792***	***43,046***	***44,337***	***45,667***	***47,037***	***413,274***
Curry Court Flooding - New	4717				40,000	45,000	560,000					*645,000*
Capital Property Tax Levy							***50,000***					***50,000***
Utility - Assessed (storm)							***110,000***					***110,000***
Utility - Rates (stormwater)					***40,000***	***45,000***	***400,000***					***485,000***
Lake Barney Watershed - New	4718	60,000	60,000	60,000	350,000	900,000						*1,430,000*
Utility - Borrowing (storm)					***300,000***	***900,000***						***1,200,000***
Utility - Rates (stormwater)		***60,000***	***60,000***	***60,000***	***50,000***							***230,000***
Upsize Schumann Drive Storm Sewer - New	4719						800,000					*800,000*
Utility - Borrowing (storm)							***800,000***					***800,000***
Seminole Glen Park Pond - New	4720	12,000										*12,000*
Utility - Rates (stormwater)		***12,000***										***12,000***
Stormwater Pump - New	4721	100,000										*100,000*
Utility - Rates (stormwater)		***100,000***										***100,000***
TMDL Modeling - New	4722	130,000										*130,000*
Utility - Grants/Donations		***65,000***										***65,000***
Utility - Rates (stormwater)		***65,000***										***65,000***
Lacy/Seminole Regional Stormwater - New	4723	300,000		3,190,100								*3,490,100*
TIF #9		***225,000***		***2,393,000***								***2,618,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Borrowing (storm)				***797,100***								***797,100***
Utility - Rates (stormwater)		***75,000***										***75,000***
Lacy/Seminole Storm Ponds for Roads - New	4724	157,350	891,650									*1,049,000*
TIF #9		***157,350***	***891,650***									***1,049,000***
Public Works - Storm Total		**1,545,400**	**1,883,282**	**3,691,345**	**793,393**	**1,338,575**	**1,539,792**	**181,046**	**182,337**	**183,667**	**190,037**	***11,528,874***
Public Works - Streets												
Intersection Signalization - Revised	3103	350,000										*350,000*
Capital Property Tax Levy		***175,000***										***175,000***
Contribution from Other Entities		***175,000***										***175,000***
Street Resurfacing Program - Revised	3319	1,084,050	1,071,082	1,938,434	1,577,147	1,187,182	1,303,217	1,287,254	1,404,291	1,387,330	1,483,370	*13,723,357*
Assessed (non-util, non-debt)		***36,050***	***36,082***	***36,114***	***36,147***	***36,182***	***36,217***	***36,254***	***36,291***	***36,330***	***36,370***	***362,037***
Borrowing (non-util, GO debt)		***100,000***	***75,000***	***50,000***	***25,000***							***250,000***
Capital Property Tax Levy		***788,000***	***858,000***	***928,000***	***998,000***	***1,068,000***	***1,113,000***	***1,158,000***	***1,203,000***	***1,248,000***	***1,272,000***	***10,634,000***
Grants/Donations (non-util)			***65,000***		***66,000***		***66,000***		***67,000***		***67,000***	***331,000***
Other (describe)		***15,000***	***20,000***	***25,000***	***30,000***	***35,000***	***40,000***	***45,000***	***50,000***	***55,000***	***60,000***	***375,000***
Utility - Rates (sewer)		***68,500***	***6,000***	***241,660***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***463,160***
Utility - Rates (stormwater)		***8,000***	***5,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***61,000***
Utility - Rates (water)		***68,500***	***6,000***	***651,660***	***395,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***1,247,160***
Herman Road Realignment/Extension - Deleted	3365						0					*0*
Borrowing (non-util assess)							***0***					***0***
Capital Property Tax Levy							***0***					***0***
Syene Road - McCoy Road N to City limit - Rev	3367					90,000	700,000					*790,000*
Capital Property Tax Levy						***90,000***	***350,000***					***440,000***
Grants/Donations (non-util)							***350,000***					***350,000***
S. Syene-McCoy to Lacy Rd	3368	580,000	6,440,000									*7,020,000*
Borrowing (non-util, GO debt)		***580,000***	***5,640,000***									***6,220,000***
TIF #4			***800,000***									***800,000***
Traffic Calming Program - Revised	3450	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	*210,000*
Capital Property Tax Levy		***30,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***210,000***
Lacy-MM Intersection Improve and Signal - Revised	3469	245,000										*245,000*
Capital Property Tax Levy		***88,125***										***88,125***
Contribution from Other Entities		***68,750***										***68,750***
Other (describe)		***88,125***										***88,125***
Fish Hatchery Road Left Turn Lane - Revised	3474	47,700										*47,700*
Capital Property Tax Levy		***11,925***										***11,925***
TIF #4		***35,775***										***35,775***
Update Street Lighting - New	3479	8,150	26,000	26,000	26,000							*86,150*
Capital Property Tax Levy		***8,150***	***26,000***	***26,000***	***26,000***							***86,150***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
McKee Road Reconstruction Phase II - Revised	3481	8,600,000										*8,600,000*
Assessed (non-util, non-debt)		***0***										***0***
Borrowing (non-util, GO debt)		***2,000,000***										***2,000,000***
Contribution from Other Entities		***550,000***										***550,000***
Grants/Donations (non-util)		***3,485,000***										***3,485,000***
TIF #6		***2,449,000***										***2,449,000***
Utility - Rates (sewer)		***42,000***										***42,000***
Utility - Rates (water)		***74,000***										***74,000***
Sidewalk and Path Maint/Improve - Revised	3486	96,000	98,510	101,035	103,576	106,134	108,708	111,299	113,908	116,535	119,181	*1,074,886*
Assessed (non-util, non-debt)		***30,000***	***30,300***	***30,609***	***30,927***	***31,255***	***31,593***	***31,941***	***32,299***	***32,668***	***33,048***	***314,640***
Capital Property Tax Levy		***66,000***	***68,210***	***70,426***	***72,649***	***74,879***	***77,115***	***79,358***	***81,609***	***83,867***	***86,133***	***760,246***
Fish Hatchery Road Resurfacing - Revised	3488	4,521,825	210,000									*4,731,825*
Borrowing (non-util, GO debt)		***18,194***										***18,194***
Capital Property Tax Levy			***210,000***									***210,000***
Contribution from Other Entities		***8,237,072***										***8,237,072***
TIF borrowing		***-2,787,141***										***-2,787,141***
Utility - Rates (sewer)		***-775,000***										***-775,000***
Utility - Rates (stormwater)		***-121,300***										***-121,300***
Utility - Rates (water)		***-50,000***										***-50,000***
Seminole Highway (Lacy - Schumann) - Deleted	3490						0	0	0			*0*
Borrowing (non-util, GO debt)							***0***	***0***	***0***			***0***
TIF #9							***0***	***0***	***0***			***0***
Fitchrona Rd (Lacy to Nesbitt) - New	3492		150,000	130,000	900,000							*1,180,000*
Assessed (non-util, non-debt)					***33,000***							***33,000***
Borrowing (non-util, GO debt)			***75,000***	***130,000***	***547,000***							***752,000***
Contribution from Other Entities			***75,000***		***320,000***							***395,000***
Fitchrona Rd (Whalen to Lacy) - New	3493				540,000							*540,000*
Capital Property Tax Levy					***270,000***							***270,000***
Contribution from Other Entities					***270,000***							***270,000***
Lacy Rd (Fitchrona to Seminole) - New	3494	806,900	4,572,400									*5,379,300*
Borrowing (non-util, GO debt)			***813,600***									***813,600***
TIF #9		***806,900***	***3,037,200***									***3,844,100***
Utility - Impact Fees			***7,500***									***7,500***
Utility - Rates (sewer)			***138,200***									***138,200***
Utility - Rates (stormwater)			***353,100***									***353,100***
Utility - Rates (water)			***222,800***									***222,800***
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495				920,385	5,215,510						*6,135,895*
Borrowing (non-util, GO debt)						***679,900***						***679,900***
TIF #9					***920,385***	***3,704,620***						***4,625,005***
Utility - Rates (sewer)						***151,089***						***151,089***
Utility - Rates (stormwater)						***377,723***						***377,723***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (water)						***302,178***						***302,178***
Quarry Vista Extension to Subzero Pkwy - New	3496									115,650	655,350	*771,000*
TIF #9										***115,650***	***655,350***	***771,000***
Maintenance of Arterials - New	3497	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	*655,172*
Capital Property Tax Levy		***39,000***	***40,170***	***64,775***	***66,718***	***68,720***	***70,782***	***72,905***	***75,092***	***77,345***	***79,665***	***655,172***
Public Works - Streets Total		**16,408,625**	**12,628,162**	**2,280,244**	**4,153,826**	**6,687,546**	**2,202,707**	**1,491,458**	**1,613,291**	**1,716,860**	**2,357,566**	***51,540,285***
Public Works - Water												
Well 13 and Pump House	4519								150,000	180,000	1,800,000	*2,130,000*
Utility - Impact Fees									***150,000***	***180,000***	***1,800,000***	***2,130,000***
SCADA Upgrade - Revised	4522					30,000					30,000	*60,000*
Utility - Rates (water)						***30,000***					***30,000***	***60,000***
Greenfield Watermain Extension - Revised	4524	130,000	1,170,000									*1,300,000*
Utility - Assessed (water)			***445,300***									***445,300***
Utility - Impact Fees		***130,000***	***724,700***									***854,700***
Water Tower Repainting	4525						20,000	230,000				*250,000*
Utility - Rates (water)							***20,000***	***230,000***				***250,000***
Water Tower D	4532							2,125,000				*2,125,000*
Utility - Impact Fees								***2,125,000***				***2,125,000***
Verona Rd Utility Relocations & Related	4630	30,000	25,000									*55,000*
Capital Property Tax Levy		***30,000***	***25,000***									***55,000***
North Water Main Loop to NE Neighborhood - Revised	4631	600,000										*600,000*
Utility - Assessed (water)		***180,000***										***180,000***
Utility - Impact Fees		***420,000***										***420,000***
Main Oversize/Service Insulat/Hydrant Replace	4632	82,400	84,872	87,418	90,040	92,742	95,524	98,390	101,342	104,382	107,513	*944,623*
Utility - Impact Fees		***41,200***	***42,436***	***43,709***	***45,020***	***46,371***	***47,762***	***49,195***	***50,671***	***52,191***	***53,756***	***472,311***
Utility - Rates (water)		***41,200***	***42,436***	***43,709***	***45,020***	***46,371***	***47,762***	***49,195***	***50,671***	***52,191***	***53,757***	***472,312***
Well Maintenance - Revised	4633	240,000		0		80,000	200,000	160,000				*680,000*
Utility - Rates (water)		***240,000***		***0***		***80,000***	***200,000***	***160,000***				***680,000***
Public Works - Water Total		**1,082,400**	**1,279,872**	**87,418**	**90,040**	**202,742**	**315,524**	**2,613,390**	**251,342**	**284,382**	**1,937,513**	***8,144,623***
Senior Center												
Sr. Center Fleet Vehicles	6352	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419	*21,255*
Capital Property Tax Levy		***1,854***	***1,910***	***1,967***	***2,026***	***2,087***	***2,149***	***2,214***	***2,280***	***2,349***	***2,419***	***21,255***
Senior Center Total		**1,854**	**1,910**	**1,967**	**2,026**	**2,087**	**2,149**	**2,214**	**2,280**	**2,349**	**2,419**	***21,255***
GRAND TOTAL		**23,172,488**	**17,780,402**	**8,569,728**	**6,919,639**	**18,637,904**	**6,854,900**	**7,556,729**	**5,657,317**	**4,634,181**	**6,162,692**	***105,945,980***

City of Fitchburg
2020-2029 Mayor's Proposed CIP
Changes from Adopted 2019-2028 CIP (as Revised during Budget)
5/20/2019

	CIP#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Notes
2019-2028 CIP Revised During Budget)		13,559,574	10,451,620	4,897,682	5,239,469	13,095,814	5,515,948	6,884,203	8,187,498	3,819,170	-	71,650,978	
New Projects (within prior CIP timing)													
Fitchburg Drone Program	1713	-	-	-	-	-	-	-	-	-	-	-	
Police Fleet Vehicles	2199	18,643	1,702	19,778	20,371	20,982	21,611	22,259	22,927	23,615	24,323	196,211	two new fleet vehicles, one new squads approved bud amend
Police Fleet Vehicles	2199	-	132,612	136,590	140,688	144,909	149,256	153,734	158,345	163,096	167,989	1,347,219	transition leased squads to purchased
EMS Fleet Replacement	2399	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	1,116,586	Funding shifted from CIP #2302 to #2399 starting in 2021
Plow Fleet Replacement	3199	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	2,559,456	Funding shifted from CIP #3101 to #3199 starting in 2020
Update Street Lighting	3479	8,150	26,000	26,000	26,000	-	-	-	-	-	-	86,150	
Fitchrona Rd (Lacy to Nesbitt)	3492	-	150,000	130,000	900,000	-	-	-	-	-	-	1,180,000	
Fitchrona Rd (Whalen to Lacy)	3493	-	-	-	540,000	-	-	-	-	-	-	540,000	
Lacy Rd (Fitchrona to Seminole)	3494	806,900	4,572,400	-	-	-	-	-	-	-	-	5,379,300	
Lacy/Seminole Intersect, Lacy to E, Seminole to N	3495	-	-	-	920,385	5,215,510	-	-	-	-	-	6,135,895	
Quarry Vista Extension to Subzero Pkwy	3496	-	-	-	-	-	-	-	-	115,650	655,350	771,000	
Maintenance of Arterials	3497	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	655,172	
Stormwater Pond Dredging and Retrofits	4702	-	195,000	-	-	-	-	-	-	-	-	195,000	Added Renaissance Pond due to rainfall damage
Stormwater Pond Dredging and Retrofits	4702	-	180,000	-	-	-	-	-	-	-	-	180,000	Added Ashbourne Pond dredging
Stormwater Pond Dredging and Retrofits	4702	-	-	-	200,000	-	-	-	-	-	-	200,000	Added Longford Terrace Pond dredging
Bike Roundabout Repairs	4716	-	200,000	-	-	-	-	-	-	-	-	200,000	
Curry Court Flooding	4717	-	-	-	40,000	45,000	560,000	-	-	-	-	645,000	
Lake Barney Watershed	4718	60,000	60,000	60,000	350,000	900,000	-	-	-	-	-	1,430,000	
Upsize Schumann Drive Storm Sewer	4719	-	-	-	-	-	800,000	-	-	-	-	800,000	
Seminole Glen Park Pond	4720	12,000	-	-	-	-	-	-	-	-	-	12,000	
Stormwater Pump	4721	100,000	-	-	-	-	-	-	-	-	-	100,000	
TMDL Modeling	4722	130,000	-	-	-	-	-	-	-	-	-	130,000	
Lacy/Seminole Regional Stormwater	4723	300,000	-	3,190,100	-	-	-	-	-	-	-	3,490,100	
Lacy/Seminole Storm Ponds for Roads	4724	157,350	891,650	-	-	-	-	-	-	-	-	1,049,000	
McGaw Park	6211	320,000	-	-	-	-	-	-	-	-	-	320,000	Added pickleball courts
Tennis Court Improvements	6263	-	-	-	-	160,000	-	-	-	-	-	160,000	Added Swan Creek courts project
Subtotal		2,253,943	6,760,491	3,971,718	3,558,971	6,920,574	1,978,066	636,607	655,704	791,027	1,350,988	28,878,089	
Updated Costs (within prior CIP timing)													
Information Technology Upgrade/Replace	1012	1,500	1,500	(3,500)	6,500	6,500	(3,500)	6,500	1,500	1,500	-	18,500	
GIS System	2014	(22,500)	-	-	(1,000)		(1,000)	(5,500)	-	-	-	(30,000)	
Police Radio Replacements	2125	-	41,750	-	-	40,802	43,126	45,550	48,076	50,709	-	270,013	Added mobile radios updated replacement costs
Police Body Cameras	2140	-	-	-	-	(832)	(657)	(447)	(200)	84	0	(2,052)	Updated for actual inventory
Police Equipment	2198	-	1,400	2,700	(7,500)	-	-	-	-	(9,000)	-	(12,400)	Now includes inflation factor; future portable cameras cost based on 2018 actual
Police Fleet Vehicles	2199	8,817	9,082	9,354	9,635	9,924	10,222	10,529	10,845	11,170	11,505	101,083	Various changes in replacement cost & useful lives
Replacement of SCBA & Related Equipment	2254	-	-	-	-	-	5,000	-	-	-	-	5,000	~4% increase for one year delay
Fire Fleet Vehicles	2299	(1,061)	(1,093)	(1,125)	(1,159)	(1,194)	(1,230)	(1,266)	(1,305)	(1,344)	(1,384)	(12,161)	Decrease replacement cost of one vehicle
EMS Vehicle Replacement	2302	1,200	-	-	-	-	-	-	-	-	-	1,200	Added 2% to 2020
Public Works Equipment Replace	3101	(172,500)	(11,000)	19,000	157,000	39,000	361,000	254,000	306,000	251,000	-	1,203,500	Various changes in costs and timing
Street Resurfacing Program	3319	1,050	11,082	1,114	12,147	1,182	12,217	1,254	13,291	1,330	-	54,667	Inflation adjustment
Street Resurfacing Program	3319	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	70,000	Increase for 2018 streets added (PY Council initiative)
Street Resurfacing Program	3319	-	-	410,000	374,000	-	-	-	-	-	-	784,000	Large water pipe replacement projects
Traffic Calming Program	3450	10,000	-	-	-	-	-	-	-	-	-	10,000	Post Rd by Leopold
Lacy-MM Intersection Improve and Signal	3469	14,000	-	-	-	-	-	-	-	-	-	14,000	Adjusted price expectations and timing change
Fish Hatchery Road Left Turn Lane	3474	47,700	-	-	-	-	-	-	-	-	-	47,700	
McKee Road Reconstruction Phase II	3481	2,599,000	-	-	-	-	-	-	-	-	-	2,599,000	New electrical costs and signal maint
Sidewalk and Path Maintenance & Improvement	3486	17,000	17,510	18,035	18,576	19,134	19,708	20,299	20,908	21,535	-	172,705	
Fish Hatchery Road	3488	4,521,825	210,000	-	-	-	-	-	-	-	-	4,731,825	Add'l road costs + new plow
North Water Main Loop to NE Neighborhood	4631	600,000	-	-	-	-	-	-	-	-	-	600,000	
Stormwater Pond Dredging and Retrofits	4702	575,000	-	-	-	-	-	-	-	-	-	575,000	Additional cost to Seminole Village Pond improvements
Uptown Wet Pond	4705	10,000	335,000	27,000	25,000	10,000	-	-	-	-	-	407,000	Delays lead to entire re-budget
Greenway Restoration & Pond Enlargement	4708	5,000	-	-	-	-	-	-	-	-	-	5,000	Additional funding
Traceway Drive Storm Sewer Reroute	4711	-	-	-	34,000	-	-	-	-	-	-	34,000	Additional year of funding added prior to main project (delayed 3 yr, see below)
Fitchrona Road Stormwater Improvements	4713	55,000	-	-	-	-	-	-	-	-	-	55,000	Re-budgeted culvert installation and planning/design phase
McGaw Park Improvements	6211	-	-	-	-	20,000	-	-	-	-	-	20,000	Add cost for tennis courts
Parking Lot Resurfacing	6262	-	15,000	15,000	-	-	-	-	-	-	-	30,000	Increase cost to schedules
Tennis Court Improvements	6263	-	-	-	-	10,000	-	-	-	-	-	10,000	Additional cost of Chicory Meadow project
City Campus Building Sys Replacement	6302	-	-	-	-	(350,000)	-	-	-	-	-	(350,000)	Chiller replaced in 2018, previously scheduled for 2024
Subtotal		8,278,031	637,231	504,578	634,199	(188,484)	451,886	337,919	406,115	333,984	17,121	11,412,580	
Future Year Addition													
Information Technology Upgrade/Replace	1012	-	-	-	-	-	-	-	-	-	86,500	86,500	
Town of Madison	1040	-	-	-	-	-	-	-	-	-	50,000	50,000	
FACTv Fleet Vehicle Replacement Fund	1712	-	-	-	-	-	-	-	-	-	3,100	3,100	
GIS System	2014	-	-	-	-	-	-	-	-	-	10,000	10,000	
Police Radio Replacements	2125	-	-	-	-	-	-	-	-	-	128,450	128,450	
Police Body Cameras	2140	-	-	-	-	-	-	-	-	-	45,406	45,406	
Police Fleet Vehicles	2199	-	-	-	-	-	-	-	-	-	60,156	60,156	
Fire Dept Fleet Replacement	2299	-	-	-	-	-	-	-	-	-	43,210	43,210	
Building Inspection Vehicles	2407	-	-	-	-	-	-	-	-	-	9,273	9,273	
Public Works Equipment Replace	3101	-	-	-	-	-	-	-	-	-	684,000	684,000	
Street Resurfacing Program	3319	-	-	-	-	-	-	-	-	-	1,476,370	1,476,370	
Traffic Calming Program	3450	-	-	-	-	-	-	-	-	-	20,000	20,000	
Sidewalk and Path Maintenance & Improvements	3486	-	-	-	-	-	-	-	-	-	119,181	119,181	

City of Fitchburg
2020-2029 Mayor's Proposed CIP
Changes from Adopted 2019-2028 CIP (as Revised during Budget)
5/20/2019

	CIP#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Notes
Well 13 and Pump House	4519	-	-	-	-	-	-	-	-	-	1,800,000	1,800,000	
Main Oversize/Service Insulat/Hydrant Replace	4632	-	-	-	-	-	-	-	-	-	107,513	107,513	
Stormwater Pond Drdging and Retrofits	4702	-	-	-	-	-	-	-	-	-	143,000	143,000	
Drainage and Flooding Improvements	4714	-	-	-	-	-	-	-	-	-	47,037	47,037	
Library Bldg Improve Replacements	5298	-	-	-	-	-	-	-	-	-	34,605	34,605	
Recurring Park System Improvements	6259	-	-	-	-	-	-	-	-	-	66,000	66,000	
Parking Lot Resurfacing	6262	-	-	-	-	-	-	-	-	-	88,939	88,939	
Large Park Shelters Renovations/Replacements	6264	-	-	-	-	-	-	-	-	-	56,000	56,000	
City Campus Building Sys Replacement	6302	-	-	-	-	-	-	-	-	-	103,818	103,818	
Maintenance Facility Bldg Sys Replace	6304	-	-	-	-	-	-	-	-	-	34,606	34,606	
Senior Center Fleet Vehicles	6352	-	-	-	-	-	-	-	-	-	2,419	2,419	
Subtotal		-	-	-	-	-	-	-	-	-	5,219,583	5,219,583	
Timing Changes													
New Financial System	1006	-	-	(100,000)	(800,000)	100,000	800,000	-	-	-	-	-	Delayed two years to coincide with TID closure
Telephone System Replacement	1016	-	-	-	-	-	-	-	(150,000)	150,000	-	-	Delayed one year
Website Upgrades	1024	-	-	-	-	(60,000)	60,000	-	-	-	-	-	Delayed one year
FACTv Facility & Equipment Upgrades	1710	20,000	-	(20,000)	(20,000)	20,000	-	-	-	-	-	-	City Hall AV switcher/Fitchburg Room Switcher
Oak Hall AV	1720	-	-	(25,000)	-	-	-	-	25,000	-	-	-	Delayed five years
Police Radio Replacements	2125	31,440	(31,440)	-	-	-	-	-	-	-	-	-	Phase-in funding 2020 to 2022
Air/Light/Rehab Vehicle Replacement	2229	-	-	-	-	-	(482,000)	482,000	-	-	-	-	Delayed one year
Fire Command Unit Replacement	2239	-	-	-	-	-	-	(334,000)	334,000	-	-	-	Delayed one year
Replacement of SCBA & Related Equipment	2254	-	-	-	-	(131,000)	131,000	-	-	-	-	-	Delayed one year
Intersection Signalization	3103	300,000	(300,000)	-	-	-	-	-	-	-	-	-	Moved up and combined to single year to coincide with USH 14
Syene Road - McCoy Rd north to City limit	3367	-	-	(90,000)	(700,000)	90,000	700,000	-	-	-	-	-	Delayed two years
Lacy-MM Intersection Improve and Signal	3469	231,000	(6,000)	(225,000)	-	-	-	-	-	-	-	-	Moved up and into one year
SCADA Upgrade	4522	-	-	-	(30,000)	30,000	-	-	-	(30,000)	30,000	-	Adjust to 5 year schedule
Greenfield Watermain Extension	4524	130,000	1,170,000	-	(130,000)	(1,170,000)	-	-	-	-	-	-	Accelerate project
Stormwater Pond Dredging and Retrofits	4702	75,000	(75,000)	-	-	-	-	-	-	-	-	-	Accelerated Seminole Village Pond to correspond with McKee Rd
Stormwater Pond Dredging and Retrofits	4702	(366,000)	-	366,000	-	-	-	-	-	-	-	-	Delayed McKee Farms SW Pond
Stormwater Pond Dredging and Retrofits	4702	-	(105,000)	-	105,000	-	-	-	-	-	-	-	Delayed McKee Farms Alum Injection
Traceway Drive Storm Sewer Reroute	4711	(225,000)	(15,000)	(10,000)	(5,000)	225,000	15,000	10,000	5,000	-	-	-	Postponed three years
Fitchrona Road Stormwater Improvements	4713	(169,500)	169,500	-	-	-	-	-	-	-	-	-	Delayed project portion (see cost update above)
McKee Farms Park Improvements	6212	(25,000)	-	-	25,000	-	-	-	-	-	-	-	Delayed tennis court fencing
Tennis Court Improvements	6263	-	-	-	-	150,000	-	-	-	(150,000)	-	-	Accelerate project
City Campus Building Systems Replace	6302	-	-	(100,000)	-	-	-	-	100,000	-	-	-	Oak Hall flooring
GIS System	2014	-		-	(20,000)	20,000		-	-			-	Delay replacement
Subtotal		1,940	807,060	(204,000)	(1,575,000)	(726,000)	1,224,000	158,000	314,000	(30,000)	30,000	-	
Moved to Operating													
FACTv Facility & Equipment Upgrades	1710	(40,000)	(15,000)	(10,000)	-	-	-	-	-	-	-	(65,000)	misc small items
Stormwater Pond Dredging and Retrofits	4702	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	-	(450,000)	vegetation management
Subtotal		(90,000)	(65,000)	(60,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	-	(515,000)	
Project Removed													
Logo Implementation and Wayfinding	1030	-	(30,000)	(30,000)	(30,000)	(30,000)	-	-	-	-	-	(120,000)	
Town of Madison	1040	(1,000)	(89,000)	(82,250)	(215,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(687,250)	Uncertainty
FACTv Facility & Equipment Upgrades	1710	(10,000)	(15,000)	-	(20,000)	(20,000)	-	-	-	-	-	(65,000)	
EMS Vehicle Replacement	2302	-	(367,000)	-	(390,000)	(109,000)	(415,000)	-	(441,000)	-	-	(1,722,000)	Funding shifted from CIP #2302 to #2399 starting in 2021
Public Works Equipment Replace	3101	(395,000)	(190,000)	(200,000)	-	(205,000)	-	(160,000)	(215,000)	(180,000)	(405,000)	(1,950,000)	Funding shifted from CIP #3101 to #3199 starting in 2020
Seminole Highway (Lacy-Schumann)	3490	-	-	-	-	-	(450,000)	(200,000)	(3,000,000)	-	-	(3,650,000)	Replaced with project #3495
Herman Road Realignment/Extension	3365	-	-	-	-	-	(1,350,000)	-	-	-	-	(1,350,000)	Developer funded alternate connection
Stormwater Pond Dredging and Retrofits	4702	-	-	(108,000)	(113,000)	-	-	-	-	-	-	(221,000)	Add specific project, remove placeholder (replacement fund)
McGaw Park Improvements	6211	(15,000)	-	-	-	-	-	-	-	-	-	(15,000)	Security cameras
McGaw Park Improvements	6211	-	-	-	-	-	-	-	(150,000)	-	-	(150,000)	Nature center removed
McKee Farms Park Improvement	6212	(250,000)	-	-	-	-	-	-	-	-	-	(250,000)	Removed south end shelter project portion
Large Park Shelters Renovations/Replacements	6264	(50,000)	(50,000)	(50,000)	(50,000)	-	-	-	-	-	-	(200,000)	
New Park Shelters	6267	(40,000)	-	-	-	-	-	-	-	-	-	(40,000)	Removed Belmar shelter
New Park Shelters	6267	(70,000)	(70,000)	(70,000)	(70,000)	-	-	-	-	-	-	(280,000)	Removed Wildwood South shelter portion
Subtotal		(831,000)	(811,000)	(540,250)	(888,000)	(414,000)	(2,265,000)	(410,000)	(3,856,000)	(230,000)	(455,000)	(10,700,250)	
2020-2029 Mayor's Proposed CIP		23,172,488	17,780,402	8,569,728	6,919,639	18,637,904	6,854,900	7,556,729	5,657,317	4,634,181	6,162,692	105,945,980	
Total Changes From Revised 2019-2028 CIP		9,612,914	7,328,782	3,672,046	1,680,170	5,542,090	1,338,952	672,526	(2,530,181)	815,011	6,162,692	34,295,002	

City of Fitchburg
2020-2029 Mayor's Proposed CIP
Changes from Adopted 2019-2028 CIP (as Revised during Budget)
Projects Funded by Property Tax Levy
5/20/2019

	CIP#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Notes
		3.6%	-2.2%	23.8%	1.7%	11.1%	-0.9%	-10.5%	9.3%	-2.0%			
2019-2028 CIP Revised During Budget)		1,852,624	1,812,116	2,243,699	2,280,736	2,534,647	2,511,932	2,248,567	2,458,219	2,410,201	-	20,352,741	
New Projects (within prior CIP timing)													
Fitchburg Drone Program	1713	-	-	-	-	-	-	-	-	-	-	-	
Police Fleet Vehicles	2199	18,643	1,702	19,778	20,371	20,982	21,611	22,259	22,927	23,615	24,323	196,211	two new fleet vehicles, one new squads approved bud amend
Police Fleet Vehicles	2199	-	132,612	136,590	140,688	144,909	149,256	153,734	158,345	163,096	167,989	1,347,219	transition leased squads to purchased
EMS Fleet Replacement	2399	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	1,116,586	Funding shifted from CIP #2302 to #2399 starting in 2021
Plow Fleet Replacement	3199	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	2,559,456	Funding shifted from CIP #3101 to #3199 starting in 2020
Update Street Lighting	3479	8,150	26,000	26,000	26,000	-	-	-	-	-	-	86,150	
Fitchrona Rd (Whalen to Lacy)	3493	-	-	-	270,000	-	-	-	-	-	-	270,000	
Maintenance of Arterials	3497	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	655,172	
Bike Roundabout Repairs	4716	-	50,000	-	-	-	-	-	-	-	-	50,000	
Curry Court Flooding	4717	-	-	-	-	-	50,000	-	-	-	-	50,000	
Tennis Court Improvements	6263	-	-	-	-	160,000	-	-	-	-	-	160,000	Added Swan Creek courts project
Subtotal		367,693	561,441	591,618	878,586	760,064	668,066	636,607	655,704	675,377	695,638	6,490,794	
Updated Costs (within prior CIP timing)													
Information Technology Upgrade/Replace	1012	(2,300)	(2,300)	(7,300)	2,700	2,700	(7,300)	2,700	(2,300)	(2,300)	-	(15,700)	
GIS System	2014	(4,500)	-	-	(4,200)	4,000	(200)	(1,100)	-	-	-	(6,000)	
Police Radio Replacements	2125	-	41,750	-	-	40,802	43,126	45,550	48,076	50,709	-	270,013	Added mobile radios updated replacement costs
Police Body Cameras	2140	-	-	-	-	(832)	(657)	(447)	(200)	84	-	(2,052)	Updated for actual inventory
Police Equipment	2198	-	1,400	2,700	(7,500)	-	-	-	-	(9,000)	-	(12,400)	Now includes inflation factor; future portable cameras cost based on 2018 actual
Police Fleet Vehicles	2199	8,817	9,082	9,354	9,635	9,924	10,222	10,529	10,845	11,170	11,505	101,083	Various changes in replacement cost & useful lives
Replacement of SCBA & Related Equipment	2254	-	-	-	-	-	5,000	-	-	-	-	5,000	~4% increase for one year delay
Fire Fleet Vehicles	2299	(1,061)	(1,093)	(1,125)	(1,159)	(1,194)	(1,230)	(1,266)	(1,305)	(1,344)	(1,384)	(12,161)	Decrease replacement cost of one vehicle
EMS Vehicle Replacement	2302	600	-	-	-	-	-	-	-	-	-	600	Added 2% to 2020
Public Works Equipment Replace	3101	(175,000)	(4,500)	5,000	144,000	45,000	340,300	256,000	266,000	220,700	-	1,097,500	Various changes in costs and timing
Street Resurfacing Program	3319	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	70,000	Increase for 2018 streets added (PY Council initiative)
Traffic Calming Program	3450	10,000	-	-	-	-	-	-	-	-	-	10,000	Added 20k for along Post Rd by Leopold
Lacy-MM Intersection Improve and Signal	3469	(8,875)	-	-	-	-	-	-	-	-	-	(8,875)	Adjusted price expectations and timing change
Fish Hatchery Road Left Turn Lane	3474	11,925	-	-	-	-	-	-	-	-	-	11,925	
Sidewalk and Path Maintenance & Improvement	3486	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	-	71,113	
Fish Hatchery Road	3488	-	210,000	-	-	-	-	-	-	-	-	210,000	New plow
McGaw Park Improvements	6211	-	-	-	-	20,000	-	-	-	-	-	20,000	Add cost for tennis courts
Parking Lot Resurfacing	6262	-	15,000	15,000	-	-	-	-	-	-	-	30,000	Increase cost to schedules
Tennis Court Improvements	6263	-	-	-	-	10,000	-	-	-	-	-	10,000	Additional cost of Chicory Meadow project
City Campus Building Sys Replacement	6302	-	-	-	-	(350,000)	-	-	-	-	-	(350,000)	Chiller replaced in 2018, previously scheduled for 2024
Expenditure Restraint Program Aid	9999	(20,000)	-	-	-	-	-	-	-	-	-	(20,000)	Updated for actual amount rec'd in 2019
Subtotal		(166,394)	283,549	38,055	158,125	(204,721)	404,376	327,324	336,725	285,886	17,121	1,480,046	
Future Year Addition													
Information Technology Upgrade/Replace	1012	-	-	-	-	-	-	-	-	-	82,700	82,700	
Town of Madison	1040	-	-	-	-	-	-	-	-	-	20,000	20,000	
GIS System	2014	-	-	-	-	-	-	-	-	-	2,000	2,000	
Police Radio Replacements	2125	-	-	-	-	-	-	-	-	-	128,450	128,450	
Police Body Cameras	2140	-	-	-	-	-	-	-	-	-	45,406	45,406	
Police Fleet Vehicles	2199	-	-	-	-	-	-	-	-	-	60,156	60,156	
Fire Dept Fleet Replacement	2299	-	-	-	-	-	-	-	-	-	43,210	43,210	
Building Inspection Vehicles	2407	-	-	-	-	-	-	-	-	-	9,273	9,273	
Public Works Equipment Replace	3101	-	-	-	-	-	-	-	-	-	678,000	678,000	
Street Resurfacing Program	3319	-	-	-	-	-	-	-	-	-	1,265,000	1,265,000	
Traffic Calming Program	3450	-	-	-	-	-	-	-	-	-	20,000	20,000	
Sidewalk and Path Maintenance & Improvements	3486	-	-	-	-	-	-	-	-	-	86,133	86,133	
Library Bldg Improve Replacements	5298	-	-	-	-	-	-	-	-	-	34,605	34,605	
Recurring Park System Improvements	6259	-	-	-	-	-	-	-	-	-	66,000	66,000	
Parking Lot Resurfacing	6262	-	-	-	-	-	-	-	-	-	88,939	88,939	
Large Park Shelters Renovations/Replacements	6264	-	-	-	-	-	-	-	-	-	56,000	56,000	
City Campus Building Sys Replacement	6302	-	-	-	-	-	-	-	-	-	103,818	103,818	
Maintenance Facility Bldg Sys Replace	6304	-	-	-	-	-	-	-	-	-	34,606	34,606	
Senior Center Fleet Vehicles	6352	-	-	-	-	-	-	-	-	-	2,419	2,419	
Expenditure Restraint Program Aid	9999	-	-	-	-	-	-	-	-	-	(500,000)	(500,000)	
Subtotal		-	-	-	-	-	-	-	-	-	2,326,715	2,326,715	
Moved to Operating													
None		-	-	-	-	-	-	-	-	-	-	-	
Subtotal		-	-	-	-	-	-	-	-	-	-	-	

Timing Changes													
New Financial System	1006	-	-	(100,000)	-	100,000	-	-	-	-	-	-	Delayed two years to coincide with TID closure
Telephone System Replacement	1016	-	-	-	-	-	-	-	(150,000)	150,000	-	-	Delayed one year
Website Upgrades	1024	-	-	-	-	(60,000)	60,000	-	-	-	-	-	Delayed one year
Oak Hall AV	1720	-	-	(25,000)	-	-	-	-	25,000	-	-	-	Delayed five years
Police Radio Replacements	2125	31,440	(31,440)	-	-	-	-	-	-	-	-	-	Phase-in funding 2020 to 2022
Air/Light/Rehab Vehicle Replacement	2229	-	-	-	-	-	(432,000)	432,000	-	-	-	-	Delayed one year
Fire Command Unit Replacement	2239	-	-	-	-	-	-	(284,000)	284,000	-	-	-	Delayed one year
Replacement of SCBA & Related Equipment	2254	-	-	-	-	(131,000)	131,000	-	-	-	-	-	Delayed one year
Intersection Signalization	3103	150,000	(150,000)	-	-	-	-	-	-	-	-	-	Moved up and combined to single year to coincide with USH 14
Syene Road - McCoy Rd north to City limit	3367	-	-	(90,000)	(350,000)	90,000	350,000	-	-	-	-	-	Delayed two years
Lacy-MM Intersection Improve and Signal	3469	97,000	3,000	(100,000)	-	-	-	-	-	-	-	-	Moved up and into one year
McKee Farms Park Improvements	6212	(25,000)	-	-	25,000	-	-	-	-	-	-	-	Delayed tennis court fencing
Tennis Court Improvements	6263	-	-	-	-	150,000	-	-	-	(150,000)	-	-	Accelerate project
City Campus Building Systems Replace	6302	-	-	(100,000)	-	-	-	-	100,000	-	-	-	Oak Hall flooring
Subtotal		253,440	(178,440)	(415,000)	(325,000)	149,000	109,000	148,000	259,000	-	-	-	
Project Removed													
Logo Implementation and Wayfinding	1030	-	(30,000)	(30,000)	(30,000)	(30,000)	-	-	-	-	-	(120,000)	
Town of Madison	1040	(1,000)	(89,000)	(82,250)	(165,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(457,250)	Uncertainty
EMS Vehicle Replacement	2302	-	(181,000)	-	(192,500)	(53,250)	(205,000)	-	(218,000)	-	-	(849,750)	Funding shifted from CIP #2302 to #2399 starting in 2021
Public Works Equipment Replace	3101	(343,000)	(162,000)	(175,000)	-	(175,000)	-	(160,000)	(185,000)	(155,000)	(410,000)	(1,765,000)	Funding shifted from CIP #3101 to #3199 starting in 2020
Herman Road Realignment/Extension	3365	-	-	-	-	-	(450,000)	-	-	-	-	(450,000)	Developer funded alternate connection
McGaw Park Improvements	6211	(15,000)	-	-	-	-	-	-	-	-	-	(15,000)	Security cameras
Large Park Shelters Renovations/Replacements	6264	(50,000)	(50,000)	(50,000)	(50,000)	-	-	-	-	-	-	(200,000)	
New Park Shelters	6267	(40,000)	-	-	-	-	-	-	-	-	-	(40,000)	Removed Belmar shelter
New Park Shelters	6267	(70,000)	(70,000)	(70,000)	(70,000)	-	-	-	-	-	-	(280,000)	Removed Wildwood South shelter portion
Subtotal		(519,000)	(582,000)	(407,250)	(507,500)	(278,250)	(675,000)	(180,000)	(423,000)	(175,000)	(430,000)	(4,177,000)	
2020-2029 Mayor's Proposed CIP		1,788,363	1,896,666	2,051,122	2,484,947	2,960,740	3,018,374	3,180,498	3,286,648	3,196,464	2,609,474	26,473,296	
		0.0%	6.1%	8.1%	21.2%	19.1%	1.9%	5.4%	3.3%	-2.7%	-18.4%		
				levy shift	TID/levy shift	TID/levy shift							
Total Changes From Revised 2019-2028 CIP		(64,261)	84,550	(192,577)	204,211	426,093	506,442	931,931	828,429	786,263	2,609,474	6,120,555	

City of Fitchburg
2020-2029 Mayor's Proposed CIP
Changes from Adopted 2019-2028 CIP (as Revised during Budget)
Projects Funded by Borrowing
5/20/2019

	CIP#	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total	Notes
2019-2028 CIP Revised During Budget)		3,780,400	6,241,500	651,000	825,000	7,630,000	900,000	375,000	-	-	-	20,402,900	
New Projects (within prior CIP timing)													
Fitchrona Rd (Lacy to Nesbitt)	3492	-	75,000	130,000	547,000	-	-	-	-	-	-	752,000	
Lacy Rd (Fitchrona to Seminole)	3494	-	813,600	-	-	-	-	-	-	-	-	813,600	
Lacy/Seminole Intersect, Lacy to E, Seminole to N	3495	-	-	-	-	679,900	-	-	-	-	-	679,900	
Lake Barney Watershed	4718	-	-	-	300,000	900,000	-	-	-	-	-	1,200,000	
Upsize Schumann Drive Storm Sewer	4719	-	-	-	-	-	800,000	-	-	-	-	800,000	
Lacy/Seminole Regional Stormwater	4723	-	-	797,100	-	-	-	-	-	-	-	797,100	
Subtotal		-	888,600	927,100	847,000	1,579,900	800,000	-	-	-	-	5,042,600	
Updated Costs (within prior CIP timing)													
Replacement of Fire Department Squad	2260	25,000	-	-	-	-	-	-	-	-	-	25,000	Adjusted price expectations and timing change
McKee Road Reconstruction Phase II	3481	1,078,600	-	-	-	-	-	-	-	-	-	1,078,600	New electrical costs and signal maint
Fish Hatchery Road	3488	18,194	-	-	-	-	-	-	-	-	-	18,194	Add'l road costs + new plow
Subtotal		1,121,794	-	-	-	-	-	-	-	-	-	1,121,794	
Future Year Addition													
None		-	-	-	-	-	-	-	-	-	-	-	
Subtotal		-	-	-	-	-	-	-	-	-	-	-	
Timing Changes													
New Financial System	1006	-	-	-	(800,000)	-	800,000	-	-	-	-	-	Start of project (taxes) delayed two years to coincide with TID closure
Subtotal		-	-	-	(800,000)	-	800,000	-	-	-	-	-	
Moved to Operating													
None		-	-	-	-	-	-	-	-	-	-	-	
Subtotal		-	-	-	-	-	-	-	-	-	-	-	
Project Removed													
Herman Road Realignment/Extension	3365	-	-	-	-	-	(900,000)	-	-	-	-	(900,000)	Developer funded alternate connection
Subtotal		-	-	-	-	-	(900,000)	-	-	-	-	(900,000)	
2020-2029 Mayor's Proposed CIP		4,902,194	7,130,100	1,578,100	872,000	9,209,900	1,600,000	375,000	-	-	-	25,667,294	
Total Changes From Revised 2019-2028 CIP		1,121,794	888,600	927,100	47,000	1,579,900	700,000	-	-	-	-	5,264,394	

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

BUDGET ITEM SUMMARY

Budget Item	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Additional Revenue	-5,000	-5,150	-5,304	-6,464	-6,628	-6,796	-6,970	-7,149	-1,000	-1,000	*-51,461*
Computer Replacements	0										*0*
Contractual Services - General Fund		-30,000	-20,000								*-50,000*
Maintenance	58,305	73,423	93,591	95,871	107,114	117,460	119,486	121,134	122,434	215,080	*1,123,898*
Other (Insurance, Utilities)	4,971	-1,816	-84,545	-106,914	-31,509	-31,400	-30,688	-29,972	-31,998	-31,904	*-375,775*
Small Equipment	26,000	59,320	20,789	-16,573	-16,245	-15,907	-15,559	-15,201	-14,832	-14,452	*-2,660*
Software Maintenance/Support	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	*10,000*
Staff Cost	2,352	92,912	95,670	99,510	102,435	105,448	109,551	112,778	114,835	118,219	*953,710*
Supplies/Materials	1,000	-2,485	-2,395	4,698	4,795	4,894	4,995	6,100	5,208	5,319	*32,129*
Training	0	0	0	0	0	0	0	0	0	0	*0*
TOTAL	**88,628**	**187,204**	**98,806**	**71,128**	**160,962**	**174,699**	**181,815**	**188,690**	**195,647**	**292,262**	***1,639,841***

Departments

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Parks, Recreation, and Forestr												
McGaw Park Improvements - Revised	6211	320,000				160,000			0			*480,000*
Capital Property Tax Levy		***0***				***160,000***						***160,000***
SRF - Park Improve/ Dedication Fees		***320,000***							***0***			***320,000***
McKee Farms Park Improvement - Revised	6212	15,000			25,000	75,000		750,000				*865,000*
Borrowing (non-util, GO debt)								***375,000***				***375,000***
Capital Property Tax Levy					***25,000***	***75,000***						***100,000***
Grants/Donations (non-util)								***375,000***				***375,000***
SRF - Park Improve/ Dedication Fees		***15,000***										***15,000***
Recurring Park System Improvements	6259	57,000	58,000	59,000	60,000	61,000	62,000	63,000	64,000	65,000	66,000	*615,000*
Capital Property Tax Levy		***57,000***	***58,000***	***59,000***	***60,000***	***61,000***	***62,000***	***63,000***	***64,000***	***65,000***	***66,000***	***615,000***
Nine Springs Golf Course	6261							30,000				*30,000*
Capital Property Tax Levy								***9,000***				***9,000***
SRF - Park Improve/ Dedication Fees								***21,000***				***21,000***
Tennis Court Improvements - Revised	6263		0			320,000						*320,000*
Capital Property Tax Levy			***0***			***320,000***						***320,000***
Large Park Shelters Renovate/Replace - Revised	6264	0	0	0	0	51,000	52,000	53,000	54,000	55,000	56,000	*321,000*
Capital Property Tax Levy		***0***	***0***	***0***	***0***	***51,000***	***52,000***	***53,000***	***54,000***	***55,000***	***56,000***	***321,000***
New Park Shelters - Deleted	6267	0	0	0	0							*0*
Capital Property Tax Levy		***0***	***0***	***0***	***0***							***0***
Parks, Recreation, and Forestr Total		**392,000**	**58,000**	**59,000**	**85,000**	**667,000**	**114,000**	**896,000**	**118,000**	**120,000**	**122,000**	***2,631,000***
GRAND TOTAL		**392,000**	**58,000**	**59,000**	**85,000**	**667,000**	**114,000**	**896,000**	**118,000**	**120,000**	**122,000**	***2,631,000***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6211

Project Name McGaw Park Improvements - Revised

Type Improvement
Useful Life varies
Category Parks &Greenway Improvement
Department Parks, Recreation, and Fore
Contact Parks Director
Priority 3 Important



Description

McGaw Park is considered a community park as it is utilized by all Fitchburg residents. It is the largest park in Fitchburg and is used for community events such as softball tournaments. The shelter can be reserved for picnics and gatherings for up to 100 people. This park is well suited for organized league activities such as youth ball, adult softball, and soccer.

The park contains four lighted softball diamonds, one youth ball field, one lacrosse field, a shelter with restrooms, twelve picnic tables, two tennis courts, two sand volleyball courts, half-court basketball, play equipment, a bike/pedestrian path, three parking areas, three electrical outlets and landscaping. A 1.5-mile trail cuts through a 30-acre woodland. The trail head is located at the east parking lot. The park also has a 2-acre prairie area located near the northern entrance and tall grass areas in various park areas.

Projects included within this CIP are updated each year. See below detailed listing of planned projects.

2018-2027 CIP Amendment: Warning track, horizontal climbing wall, field dugout, and scoreboards removed from CIP project.

2020-2029 CIP Update: Removed $15,000 security camera project in 2020; tennis court replacements increased from $130,000 to $150,000; removed nature center from 2027 for $150,000; added $320,000 in 2020 for a new un-lit, 8-court pickleball amenity paid by park fees.

Upcoming projects:
2020: Security cameras/door locking system $20,000 levy - removed
2020: Pickleball courts (8, un-lit) $320,000 park fees - new
2024: Replace tennis courts $150,000 levy - increased $20,000
2024: New volleyball posts $10,000 levy
2027: Nature Center $150,000 park fees - removed

Prior funding authorized but project not yet completed as of 12/31/18:
2016: Water and sewer for shelter $35,000 (park fees)
2018: Pedestrian lighting for path from shelter to east parking lot $30,000 (park fees)
2018: Connection to City water $75,000 (park fees)
2019: 1,300 feet of new path around West diamond $35,000 park fees

12/31/18 fund balance: $1,473

City of Fitchburg, WI

Justification

Continue to implement the McGaw Park Master Plan as adopted by the Common Council on January 12, 2012. Continue to enhance the park using a combination of property taxes and park fees. Replace aging equipment as needed using property taxes.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	0										0
Construction of New Facilities/Additions	320,000							0			320,000
Maint of Existing Facilities (non-hwy, non-util)					160,000						160,000
Total	**320,000**				**160,000**			**0**			**480,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	0				160,000						160,000
SRF - Park Improve/ Dedication Fees	320,000							0			320,000
Total	**320,000**				**160,000**			**0**			**480,000**

Budget Impact/Other

Operational expenses will remain similar to the current facilities. If new structures are constructed cost savings due to updated construction methods may be realized. With updated facilities and higher use possibility revenues may also increase.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6212

Project Name McKee Farms Park Improvement - Revised

Type Improvement
Useful Life 20 Years
Category Parks &Greenway Improvement
Department Parks, Recreation, and Fore
Contact Parks Director
Priority 3 Important



Description

McGaw Park is considered a community park as it is utilized by all Fitchburg residents. It includes a multi-use shelter with restrooms, picnic tables, a bicycle/pedestrian path system (over a mile long), large parking areas (152 car capacity), two softball diamonds, seven soccer fields, one full-court basketball, three play equipment areas (including Kids Crossing), six lighted tennis courts, two sand volleyball courts, an area for seasonal ice skating, benches/memorial benches, and landscaping. The park also has 5 acres of tall turf grass in various areas throughout the park. Portions of the park facilitate storm water drainage, including four detention ponds, two waterways, and a green way.

The McKee Farms Park shelter is located at 2930 Chapel Valley Rd. and is the only shelter that has an indoor room and kitchen available to rent. The indoor shelter can accommodate up to 30 people while the outdoor pavilion can seat up to 150 and the grounds can support even larger groups. Restrooms and a water fountain are located at the shelter.

Projects included within this CIP are updated each year. See below:

Upcoming projects:
- 2020: New south end shelter construction $250,000 park fees - project removed
- 2020: Extend splashpad parking area $15,000 park fees
- 2023: Fix tennis court fencing $25,000 levy - delayed to 2023
- 2024: Replace siding on main shelter $75,000 levy
- 2026: Replace Kids Crossing $750,000 50/50 borrowing/donations

Prior funding authorized:
- 2016: Dumpster enclosure $30,000 levy
- 2018: Replace concrete at entrance of shelter $40,000 levy
- 2019: Path lighting to Richardson $44,300 park fees
- 2019: Splashpad changing room $20,000 park fees
- 2019: New south end shelter planning/design $100,000 park fees (construction removed for 2020 so this should be removed too)

12/31/18 fund balance: $95,879 (project review in process to verify accuracy)

Justification

The McKee Farms Park shelter was constructed in 1997-1998.

Continue implementation of the McKee Park Master Plan as adopted by the Common Council on January 12, 2012. Continue to enhance the park using a combination of property taxes and park fees. Replace aging equipment as needed using property taxes.

City of Fitchburg, WI

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction of New Facilities/Additions	15,000										15,000
Maint of Existing Facilities (non-hwy, non-util)				25,000	75,000		750,000				850,000
Total	**15,000**			**25,000**	**75,000**		**750,000**				**865,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)							375,000				375,000
Capital Property Tax Levy				25,000	75,000						100,000
Grants/Donations (non-util)							375,000				375,000
SRF - Park Improve/ Dedication Fees	15,000										15,000
Total	**15,000**			**25,000**	**75,000**		**750,000**				**865,000**

Budget Impact/Other

2018/ 2019: Utlitiy costs for the new lights.

2020: The operating impact of the new south end shelter will include staff maintenance and supplies. The operating costs are expected to be offset by the additional rental income expected as a result of the new shelter.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6259

Project Name Recurring Park System Improvements

Department Parks, Recreation, and Forestr
Contact Parks Director
Type Improvement
Useful Life 10-20 years
Category Equipment Replace/ Resurface Pgm
Priority 3 Important

Description

This project accounts for capital projects (>$10,000) within existing parks. All other projects that are less than $10,000 individually were moved to operating budget in 2017. The 2018 allocation of $55,000/year was calculated as follows:
Playground Equipment: $30,000 / year - replace 1 per year
Ball Fields: $25,000 / year to support facilities as needed.

2018-2027 CIP Update: Added $1,000 per year to account for inflation.

2019-2028 CIP Council Amendment: Added $24,000 for water fountain at Belmar Hills Park.

2019 Budget: Removed water fountain at Belmar Hills Park $24,000.

2020-2029 CIP Update: Removed Stoner Prairie enclosure of ballfield and added Huegel/Jamestown enclosure of ballfield, both for $20,000 in 2021

*Note: McKee (#6212), McGaw (#6211), and Nine Springs Golf Course (#6261) have their own CIP projects. Tennis courts (#6263), large shelter renovations (#6264), and new large shelters (#6267) also have their own CIP projects. Bike paths within the parks are included in project #3486.

Upcoming projects and estimated timing, all funded by levy unless otherwise listed:
2020: S. Johnson Playground Upgrade $40,000
2020: Wildwood New Roof on Shelter $10,000
2021: Rimrock Replace Basketball Court $10,000
2021: Stoner Prairie Enclose Ballfield $-0- - removed
2021: Huegel/Jamestown Enclose Ballfield $20,000 - new
2021: Tower Hill New Ballfield Backstop $15,000
2022: Arrowhead Playground Update $20,000
2022: Byrne Replace Basketball Court $12,000
2022: Quarry Ridge Paint Outdoor Shelter $10,000
2022: Swan Creek New Shelter Doors $10,000
2023: Hillside Heights Playground Update $40,000
2023: Seminole Glen Replace Basketball Court $12,000
2024: Schappe Playground Retrofit $40,000
2025: Rimrock Playground Update $40,000
2026: Fithcburg Springs Playground Update $40,000

Previously funded projects that are not yet completed:

2018: Quarry Hill Natural Playground $15,000
2019: Wildwood South Basketball Court $12,000
2019: Oak Meadow Drinking Fountain $15,000
2019: Briarwood Playground Upgrade $40,000

12/31/18 fund balance: $58,493

Justification

As the City of Fitchburg Parks system ages many items need to be updated and replaced.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	57,000	58,000	59,000	60,000	61,000	62,000	63,000	64,000	65,000	66,000	615,000
Total	**57,000**	**58,000**	**59,000**	**60,000**	**61,000**	**62,000**	**63,000**	**64,000**	**65,000**	**66,000**	**615,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	57,000	58,000	59,000	60,000	61,000	62,000	63,000	64,000	65,000	66,000	615,000
Total	**57,000**	**58,000**	**59,000**	**60,000**	**61,000**	**62,000**	**63,000**	**64,000**	**65,000**	**66,000**	**615,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6261

Project Name Nine Springs Golf Course

Department Parks, Recreation, and Forestr
Contact Parks Director
Type Improvement
Useful Life 25 - 30 yrs
Category Equipment Replace/ Resurface Pgm
Priority 3 Important

Description

Funds to be support the City's golf course. This park is considered a community park because it is the City's only golf course and services the entire community. Therefore projects that are new amenities are potentially eligible for funding by park fees in lieu of land dedication. Because there is a private party managing the course on the City's behalf projects are generally not eligible for tax-exempt borrowing.

Upcoming projects and estimated timing:
2019: Tee box expansions $30,000 (park fees)
2026: NSGC Shed Addition $21,000 (park fees)
2026: NSGC Shed Re-Side $9,000 (levy)

Previous funding authorized:
2016: Shelter remodel $80,000 (F100 FB)
2017: Shelter addition $103,000 (park fees)
2017: Shelter remodel $136,815 (F100 FB)

12/31/18 fund balance: $-0-

Justification

This project will assist the City in improving and maintaining this City park amenity. Additionally this project will assist in continuing our work in making NSGC a multi-use/multi-season facility.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction of New Facilities/Additions							21,000				21,000
Maint of Existing Facilities (non-hwy, non-util)							9,000				9,000
Total							**30,000**				**30,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy							9,000				9,000
SRF - Park Improve/ Dedication Fees							21,000				21,000
Total							**30,000**				**30,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6263

Project Name Tennis Court Improvements - Revised

Department Parks, Recreation, and Forestr
Contact Parks Director
Type Improvement
Useful Life 10 yrs
Category Parks &Greenway Improvements
Priority 3 Important

Description

This CIP project is intended to fund replacement of our tennis courts that were previously included in CIP project # 6259. The City has 16 tennis courts that are on a 20 - 25 year replacement cycle, meaning one would be replaced every 2 years. However, projects will be budgeted as replacement is needed.

2020-2029 CIP Update: Accellarated Chicory Meadow project from 2028 to 2024 and added $10,000 in additional funding. Also added Swan Creek for $160,000 in 2024.

Note: courts at McGaw (#6211) and McKee Farms (#6212) are included in separate projects for those specific parks.

Upcoming projects and estimated timing, all funded by levy unless otherwise listed:
2024: Chicory Meadow replacement $160,000 - accellarated from 2028 to 2024 & increased $10,000
2024: Swan Creek replacement $160,000 - new

Justification

Park amenity standards for Area Parks include tennis courts. Life expectancy of newly constructed courts is in the 25 - 30 year range.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)		0			320,000						320,000
Total		**0**			**320,000**						**320,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy		0			320,000						320,000
Total		**0**			**320,000**						**320,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6264

Project Name Large Park Shelters Renovate/Replace - Revised

Department Parks, Recreation, and Forestr
Contact Parks Director
Type Improvement
Useful Life 30 Years
Category Parks &Greenway Improvements
Priority 3 Important

Description

This CIP project is intended to fund replacement of our large park shelters with bathrooms that were previously included in CIP project # 6259. The City has 6 such shelters that are on a 30 year replacement cycle, meaning one would be replaced every 5 years. However, projects will be budgeted as replacement is needed (Note: beginning with 2019-2028 CIP changed to a replacement fund concept).

The shelters at McGaw and McKee, however, would be included in their separate park project numbers. A separate CIP #6267 is for additions of brand new shelters.

2017-2021 CIP Update: Cost updated on Tower Hill shelter (2020) based on recent McGaw shelter construction costs (from $210,000 to $250,000)

2018-2027 CIP Update: Changed funding source of Tower Hill shelter renovation to levy from borrowing and delayed from 2020 to 2022/2023.

2019-2028 CIP Update: Changed approach from budgeting for renovations/replacements when needed to a replacement style funding. There are six existing shelters with a useful life of 30 years. That equates to one shelter every 5 years to be replaced. At $250,000 for the next shelter, the annual calculation is $50,000 / year. The amount is then inflated in future years to account for future price increases.

2020-2029 CIP Update: Delay replacement fund of $50,000 / year for Tower Hill in 2020-2023 to 2024-2027

Upcoming projects and estimated timing:
2027: Tower Hill (delayed from 2023 to 2027)

12/31/18 fund balance: $7,568

Justification

General repairs and updates to shelters are needed to so they can continue to serve our residents for many years to come. Security cameras are suggested to be added to all large parks to address vandelism concerns.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng			0								0
Maint of Existing Facilities (non-hwy, non-util)				0							0
Replacement Fund	0	0	0	0	51,000	52,000	53,000	54,000	55,000	56,000	321,000
Total	**0**	**0**	**0**	**0**	**51,000**	**52,000**	**53,000**	**54,000**	**55,000**	**56,000**	**321,000**

City of Fitchburg, WI

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	0	0	0	0	51,000	52,000	53,000	54,000	55,000	56,000	321,000
Total	**0**	**0**	**0**	**0**	**51,000**	**52,000**	**53,000**	**54,000**	**55,000**	**56,000**	**321,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6267

Project Name New Park Shelters - Deleted

Department Parks, Recreation, and Forestr
Contact Parks Director
Type Improvement
Useful Life 30 Years
Category Facilities Projects
Priority 3 Important

Description

This CIP project is for the planning and construction of new shelters (not replacements that are shown in CIP#6264). McKee and McGaw shelters are included in the separate CIP projects for those parks.

2018-2027 CIP Amendment: Wildwood South shelter/bathroom $350,000

2019-2028 CIP Update: Project removed.

2019-2028 CIP Council Amendment (1 of 2): Fund new shelter and bathroom at Wildwood South at $70K / year over 5 years. Construction to occur in 2023 when full funding accumulated.

2019-2028 CIP Council Amendment (2 of 2): Change title from "New Large Park Shelters" to "New Park Shelters". Add $40,000 in 2020 for new small shelter at Belmar Hills Park.

2019 Budget: Removed new shelter and bathroom at Wildwood South (1/5 funding $70,000)

2020-2029 CIP Update: Removed Wildwood South shelter for all years as a result of 2019 budget change to remove 2019 funding. Also removed Belmar shelter of $40,000 in 2020.

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	0										0
Construction of New Facilities/Additions	0										0
Replacement Fund	0	0	0	0							0
Total	**0**	**0**	**0**	**0**							**0**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	0	0	0	0							0
Total	**0**	**0**	**0**	**0**							**0**

City of Fitchburg, WI

Budget Impact/Other

The operating impact of the new shelters will include staff maintenance and supplies. The operating costs are expected to be offset by the additional rental income expected as a result of the new shelters. Assumed $1,000 per shelter for each category for large shelters. $1,000 staff cost, $500 supplies, $250 other for small shelters.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost	1,000	1,000	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	17,000
Supplies/Materials	500	500	500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	12,000
Other (Insurance, Utilities)	250	250	250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	9,500
Additional Revenue	0	0	0	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-7,000
Total	**1,750**	**1,750**	**1,750**	**3,750**	**3,750**	**3,750**	**3,750**	**3,750**	**3,750**	**3,750**	**31,500**

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Building Inspection												
Building Inspection Vehicles	2407	7,107	7,320	7,540	7,766	7,999	8,239	8,486	8,741	9,003	9,273	*81,474*
Capital Property Tax Levy		***7,107***	***7,320***	***7,540***	***7,766***	***7,999***	***8,239***	***8,486***	***8,741***	***9,003***	***9,273***	***81,474***
Building Inspection Total		**7,107**	**7,320**	**7,540**	**7,766**	**7,999**	**8,239**	**8,486**	**8,741**	**9,003**	**9,273**	***81,474***
GRAND TOTAL		**7,107**	**7,320**	**7,540**	**7,766**	**7,999**	**8,239**	**8,486**	**8,741**	**9,003**	**9,273**	***81,474***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2407

Project Name Building Inspection Vehicles

Department Building Inspection
Contact Building Inspector
Type Equipment
Useful Life 10 yrs
Category General Equipment
Priority 3 Important

Description

This project will replace one of the three existing building inspection vehicles in 2019. This project also establishes a replacement fund for future replacements of the existing vehicles.

Note: These vehicles were previously included in CIP #3101 when BI was a division under Public Works. With the restructuring in 2018, BI became it's own department and this separate CIP project was created.

Justification

The three employees in the buidling inspections department each have a vehicle available due to the volume of on-sight visits requied.

The car being replaced in 2019 has a rusted-out hole in the floor board and is expected to have minimal sale/trade-in value.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement Fund	7,107	7,320	7,540	7,766	7,999	8,239	8,486	8,741	9,003	9,273	81,474
Total	**7,107**	**7,320**	**7,540**	**7,766**	**7,999**	**8,239**	**8,486**	**8,741**	**9,003**	**9,273**	**81,474**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	7,107	7,320	7,540	7,766	7,999	8,239	8,486	8,741	9,003	9,273	81,474
Total	**7,107**	**7,320**	**7,540**	**7,766**	**7,999**	**8,239**	**8,486**	**8,741**	**9,003**	**9,273**	**81,474**

Budget Impact/Other

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Admin - FACTv (cable)												
FACTv Facility & Equipment Upgrades - Revised	1710	50,000	0	0	0	35,000						*85,000*
SRF - Cable Fund (transfer)		***50,000***	***0***	***0***	***0***	***35,000***						***85,000***
Video Delivery System Replacements	1711	7,500		12,500		80,000						*100,000*
SRF - Cable Fund (transfer)		***7,500***		***12,500***		***80,000***						***100,000***
FACTv Fleet Vehicle Replacement	1712	5,000	5,000	5,000	2,500	2,600	2,700	2,800	2,900	3,000	3,100	*34,600*
SRF - Cable Fund (transfer)		***5,000***	***5,000***	***5,000***	***2,500***	***2,600***	***2,700***	***2,800***	***2,900***	***3,000***	***3,100***	***34,600***
Fitchburg Drone Program - New (not funded)	1713		0	0	0	0	0	0	0	0	0	*0*
Capital Property Tax Levy			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
SRF - Cable Fund (transfer)			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (stormwater)			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Admin - FACTv (cable) Total		**62,500**	**5,000**	**17,500**	**2,500**	**117,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	***219,600***
GRAND TOTAL		**62,500**	**5,000**	**17,500**	**2,500**	**117,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	***219,600***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1710

Project Name FACTv Facility & Equipment Upgrades - Revised

Department Admin - FACTv (cable)
Contact FACTv Manager
Type Equipment
Useful Life 7 years
Category Equipment Replace/ Resurface Pgm
Priority 3 Important

Description

This project will include all equipment, services, and other related capital expenses for FACTv areas including City Hall, Community Center, and Library. This will include, but is not limited to: cameras, camera equipment/ accessories, post production equipment, video switching stations, audio system upgrades, audio supplies, cable supplies, video transmission, website, streaming, lighting, facility upgrades and other related needs as part of a large project. Some of our post production equipment upgrades and replacement would include Apple computers, editing software, computer monitors, storage devices, servers, other computer hardware, conversion and transcoding devices, and media libraries.

2020-2029 CIP Update: Individual items less than $10,000 will be replaced as they break and the cost has been moved to operating. Also number of video switchers consolidated from six to four and various projects eliminated.

Upcoming projects and estimated timing, all funded by franchise fees:
2020 - Library AV Update $-0- (moved to operating, previously $30,000)
2020 - FACTv Main Office Studio/Chambers Renovation/Replacement $50,000 ($20,000 of small equipment moved to operating or eliminated; $20,000 City Hall AV Swticher from 2023 added to this project)
2021 - Meeting Room AV Switcher, Cable, Lighting $-0- (moved to operating or eliminated prevoiusly $30,000)
2023 - City Hall AV Switcher $-0- (accelerated to 2020 and combined with the FACTv Main Office Sutdio project)
2023 - Library AV Switcher, Audio System $-0- (project eliminated, previously $20,000)
2024 - Community Center AV Switcher Replacement $-0- (project eliminated, preivously $20,000)
2024 - Digital Signage Upgrades $15,000
2024 - Fitchburg Room Studio AV Switcher, Router, Audio System $20,000 ($10,000 moved to operating; rest of project delayed from 2022 to 2024)

Previous funding authorized but not completed as of 12/31/18:
none

12/31/18 fund balance: $38,444

Justification

Technology always changes, and with that comes newer and faster ways to complete projects and tasks. This also leads to better quality productions and keeps the department moving forward without technical mistakes. We are not just a PEG station; we are a multi-media department with many different types of projects to handle for the city. Also note that FACTv has multiple control rooms that will need to be upgraded as time goes on as the technology continues to change over time. New technologies and methods of operating will help keep FACTv up and running as we continue to grow and broadcast quality programing to the community and beyond.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	50,000	0	0	0	35,000						85,000
Total	**50,000**	**0**	**0**	**0**	**35,000**						**85,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Cable Fund (transfer)	50,000	0	0	0	35,000						85,000
Total	**50,000**	**0**	**0**	**0**	**35,000**						**85,000**

Budget Impact/Other

2020-2029 CIP Update: Individual items less than $10,000 will be replaced as they break and the cost has been moved to operating.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Small Equipment	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	114,640
Total	**10,000**	**10,300**	**10,609**	**10,927**	**11,255**	**11,593**	**11,941**	**12,299**	**12,668**	**13,048**	**114,640**

FACTv Facility & Equipment

FACTv Main Office

- FACTv Studio 1
- FACTv Meeting Spaces









FACTv Community Center Hub

- FACTv Studio 2
- Community Center
  Senior Center
  Meeting Places





FACTv Library Hub

- Meeting Room
  Conference Room
  Computer Lab
  Storytime Room





Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1711

Project Name Video Delivery System Replacements

Department Admin - FACTv (cable)
Contact FACTv Manager
Type Equipment
Useful Life 5 Years
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

FACTv uses various methods of sending our three channels of video to our three TV providers. These units are key for sending out our signal and need to be constantly updated as technology changes throughout the years. Our goal is to keep all of our video delivery systems up to date and on maintenance agreements when possible.

2020: Replace one Charter video delivery system ($7,500)
2022: Begin replacing TDS equipment ($12,500)
2024: Replacement of Tightrope System ($80,000)

Previously authorized funding, projects not completed as of 12/31/18:
2017 - $12,500 replace one AT&T video encoder
2018: Replace one AT&T video encoder ($12,500); Replace one Charter video delivery system ($7,500)
2019: Replace one AT&T video encoder ($12,500); Replace one Charter video delivery system ($7,500)

Project fund balance as of 12/31/18: $32,500

Justification

It is important to keep our video delivery systems up to date and maintained on an ongoing basis. With any technology, we don't know how long and when a piece of technology will stop working. By setting up a plan, we can be ahead on planing for the future and be ready to replace and continue to provide our programming to the community without too much interruption.

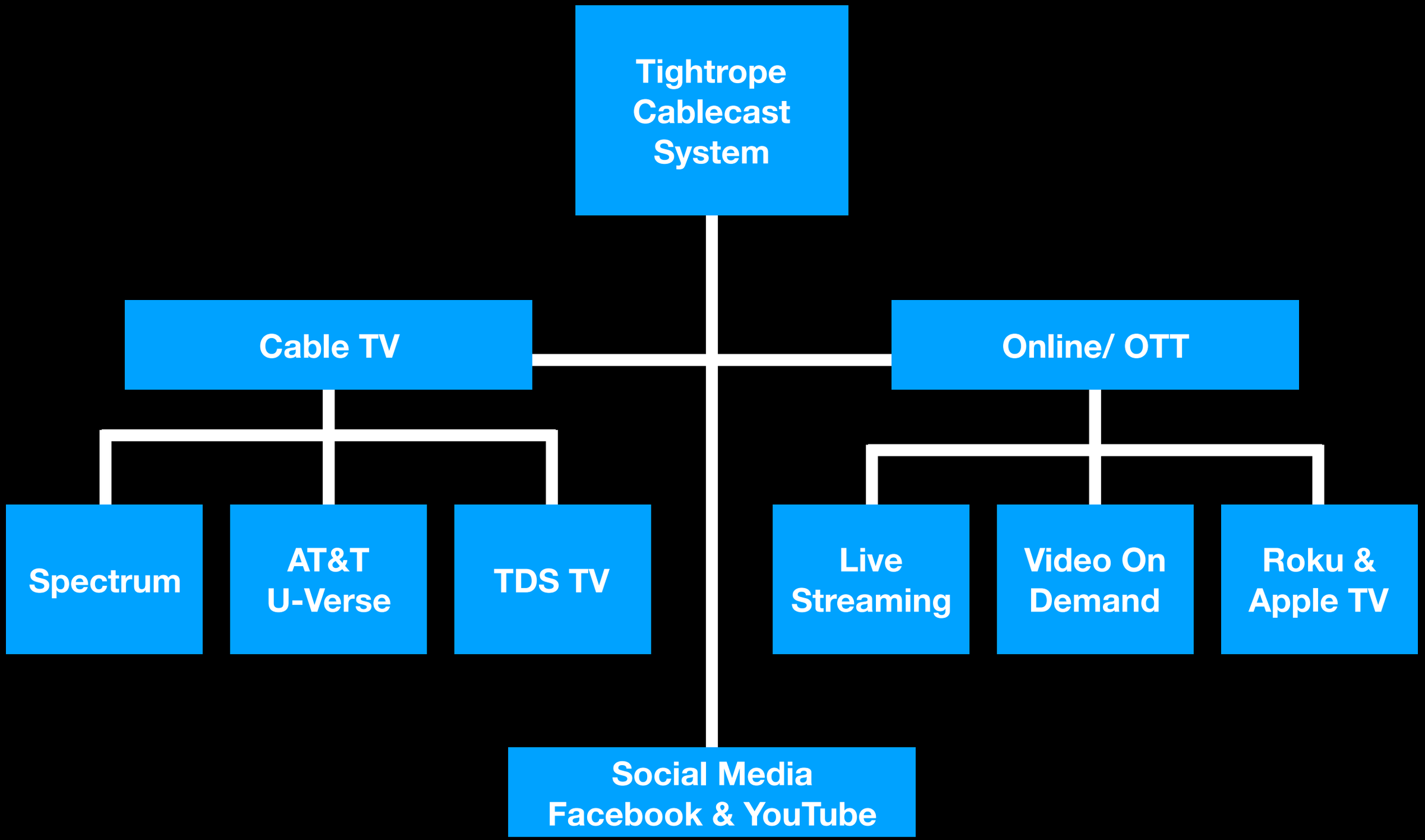
Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	7,500		12,500		80,000						100,000
Total	**7,500**		**12,500**		**80,000**						**100,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Cable Fund (transfer)	7,500		12,500		80,000						100,000
Total	**7,500**		**12,500**		**80,000**						**100,000**

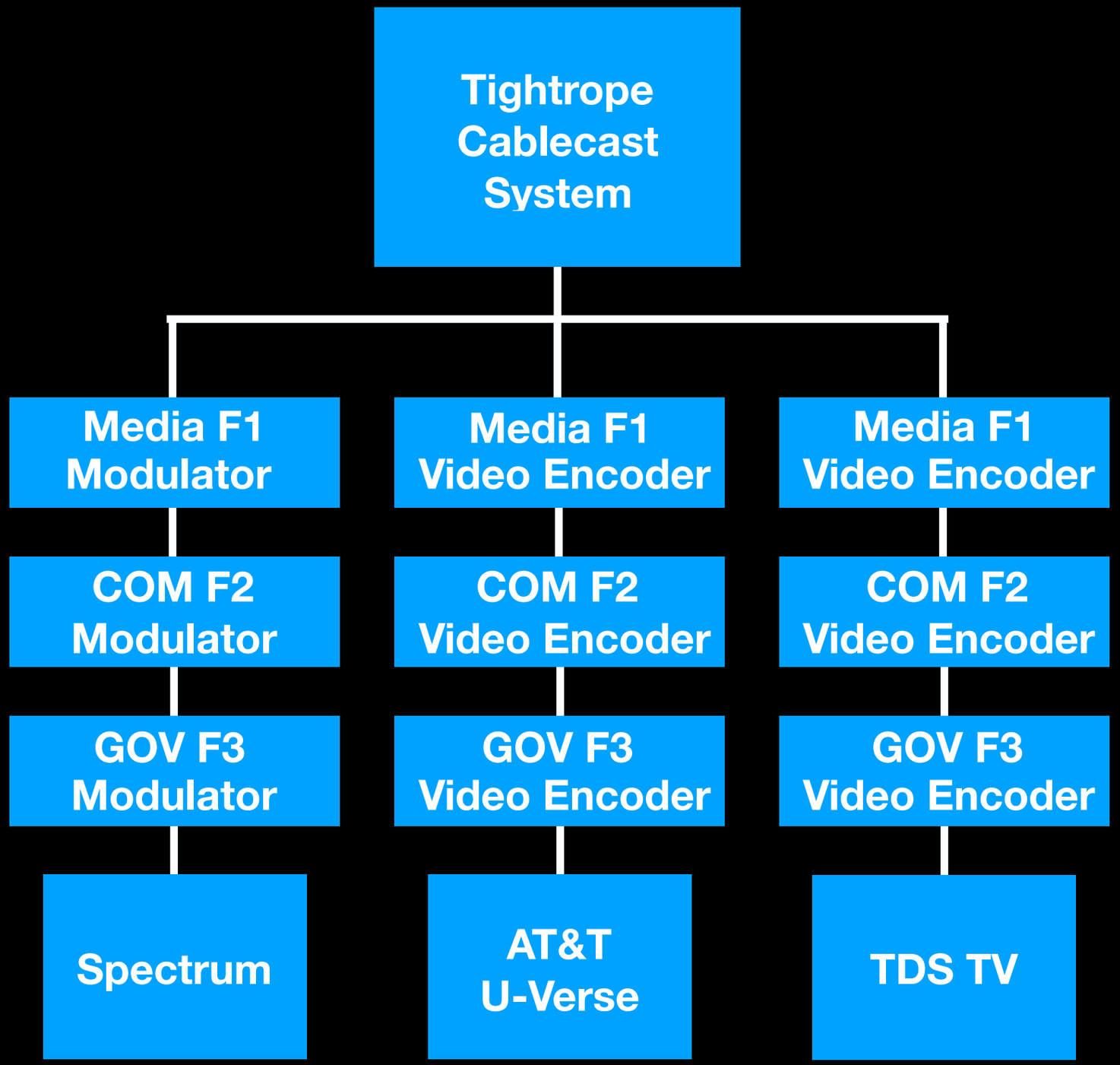
Budget Impact/Other

$1700 is currently budgeted for maintenance costs. Maintenance costs would be an option with the AT&T equipment regardless of the option chosen, though at varying amounts. Charter and TDS equipment does not provide a maintenance agreement option.

Video Delivery System



Video Delivery System- Cable TV





Tightrope Cablecast System

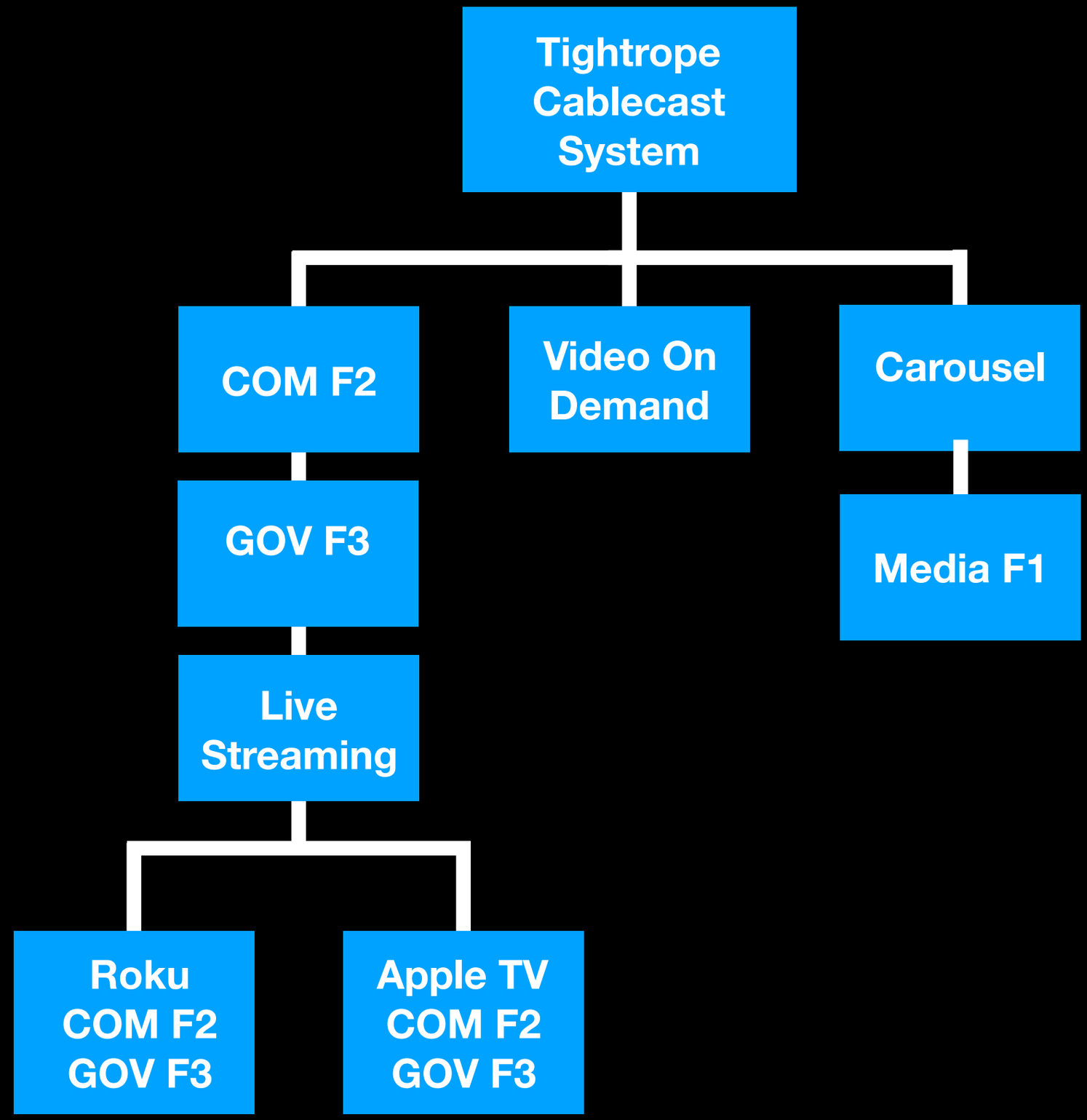


Modulators



Video Encoders

Video Delivery System- Online/ OTT





Tightrope Cablecast System

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1712

Project Name FACTv Fleet Vehicle Replacement Fund

Department Admin - FACTv (cable)
Contact FACTv Manager
Type Equipment
Useful Life 10 years
Category Apparatus & Equipment
Priority 3 Important

Description

Replacement of our current FACTv vehicle. An equipment replacement fund model is being used for this project beginning in 2018. The replacement vehicle is expected to be purchased in 2022.

Justification

This current vehicle was purchased used from the Fitchburg Police Department to confirm if a fleet vehicle would be as useful for operations as expected. The current vehicle had over 80,000 miles on it when FACTv purchased it in 2016. We expect the costs with the current vehicle in repairs to outweigh the cost of getting a new or used vehicle in the future.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	5,000	5,000	5,000	2,500	2,600	2,700	2,800	2,900	3,000	3,100	34,600
Total	**5,000**	**5,000**	**5,000**	**2,500**	**2,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	**34,600**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Cable Fund (transfer)	5,000	5,000	5,000	2,500	2,600	2,700	2,800	2,900	3,000	3,100	34,600
Total	**5,000**	**5,000**	**5,000**	**2,500**	**2,600**	**2,700**	**2,800**	**2,900**	**3,000**	**3,100**	**34,600**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1713

Project Name Fitchburg Drone Program - New (not funded)

Type Equipment
Useful Life 5 Years
Category Apparatus & Equipment
Department Admin - FACTv (cable)
Contact FACTv Manager
Priority 3 Important



Description

The City of Fitchburg Drone program is a collaborative use of sharing resources and funds to use a drone for various city operations. FACTv, Public Works, Police, and Fire will use the drone for various functions including, but not limited to: aerial video and photography, economic development, public safety, and mapping. Each department that participates will have to obtain and maintain a license to fly the drone, including continuing education and flight hours, through the Fitchburg Drone Program.

2020 Phase 1: Training and licensing (operating budget)
2021 Phase 2: Drone purchase and use (capital budget & operating budget)
Main drone $30,000
Protective case $350
iPad for the drone $500
Other misc equipment/accessories $500

After the intial purchase in 2021, a replacement fund is set-up for replacement every five years.

Funding allocated 25%/department: FACTv, Public Works (of which 25% allocated to stormwater), Police, Fire.

Note: Even those this project is not funded in the Mayor's Proprosed 2020-2029 CIP, the project is left in the document for discussion purposes.

Justification

The drone program would be a shared resource. Be teaming up with the other departments, we can share our resources such as costs, equipment, and training. This helps the city avoid multiple purchases of drones when we can save money and have more control on how drones are used for the city's purposes. Drones have helped in cutting time and resources on different operations for cities and municipalities along with adding new resources that would need to be done by an actual helicopter or plane.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)		0									0
Replacement Fund			0	0	0	0	0	0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy		0	0	0	0	0	0	0	0	0	0

SRF - Cable Fund (transfer)	0	0	0	0	0	0	0	0	0	0
Utility - Rates (stormwater)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Budget Impact/Other

Phase 1 includes training costs such as spare batteries, misc equipment, training and testing, and a secondary drone.

Once the main drone is purchased ongoing costs such as repairs, batteries, and on-going training will be needed.

Drone Use By Department

Fitchburg Access Community Television

•Promotional videos

•Event coverage

•News coverage

•Department videos

•Paid projects

•Support other department's drone operations

Public Works Department

•Stormwater outfall surveys

•Vegetation and tree health management

•Solar panel inspection

•Aerial surveys for projects

•Stormwater ERU calculations for impervious area

Fitchburg Fire Rescue

•Scene size-up and assessments for larger incidents

•Incident safety assessments

•Search and Rescue

•Water Rescue - locating victims

•Arson investigation

•Record and document incidents for future training

Fitchburg Police Department

•Search & rescue

•Area surveillance

•Fugitive apprehension

•Special event monitoring

•Crash investigations

•Training & evaluation

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Admin - Technology												
Information Technology Upgrade/Replace - Revised	1012	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	*865,000*
Capital Property Tax Levy		***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***82,700***	***827,000***
SRF - Refuse and Recycling Fund		***400***	***400***	***400***	***400***	***400***	***400***	***400***	***400***	***400***	***400***	***4,000***
Utility - Rates (stormwater)		***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***1,100***	***11,000***
Utility - Rates (water)		***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***2,300***	***23,000***
Telephone System Replacement - Revised	1016									150,000		*150,000*
Capital Property Tax Levy										***150,000***		***150,000***
Website Upgrades - Revised	1024						60,000					*60,000*
Capital Property Tax Levy							***60,000***					***60,000***
Door Access System Replacement	1025								200,000			*200,000*
Capital Property Tax Levy									***200,000***			***200,000***
Video Security System Upgrade/Replace	1035							125,000				*125,000*
Capital Property Tax Levy								***125,000***				***125,000***
Police Records Mgmt System Replace	2142	70,000										*70,000*
Capital Property Tax Levy		***70,000***										***70,000***
Admin - Technology Total		**156,500**	**86,500**	**86,500**	**86,500**	**86,500**	**146,500**	**211,500**	**286,500**	**236,500**	**86,500**	***1,470,000***
GRAND TOTAL		**156,500**	**86,500**	**86,500**	**86,500**	**86,500**	**146,500**	**211,500**	**286,500**	**236,500**	**86,500**	***1,470,000***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1012

Project Name Information Technology Upgrade/Replace - Revised

Department Admin - Technology
Contact IT Manager
Type Equipment
Useful Life 5 yrs
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

This project provides funding for annual equipment replacement and upgrades. Hardware replacement and upgrades include network-specific hardware such as servers, routers, switches, wireless networking, and other interdepartmental equipment. Annual maintenance costs are included for network equipment when necessary. Beginning in 2011, includes network storage (SAN) devices.

2020 - 2029 CIP Update: The increase is due to the addition of the Lacy Road Fire Station to the I.T. replacement plan. The previous replacement plan assumed that building would be abandoned after the East Fire Station came online. With the City electing to continue to operate that building there is additional technology replacement requirements. Additionally, with the move to depreciation we can better smooth the funding requirements over the 10 year period.

Note: With the 2020 budget, the replacement fund will be funded by depreciation though the department's operating budgets instead of the through the CIP. The CIP project will continue to exist to show the large purchases but will have a different funding source. In order to aid the transition, and not lose track of the levy amount needed for this replacement fund, the CIP project structure is kept as is for this year (though funding sources broken out by fund) and will be changed to 'project fund balance' next year once the transition is complete.

Upcoming projects and estimated timing, all funded by levy:
2021: Network switches, $25,000; Data Storage, $20,000; Wireless system replacement, $20,000; and Video surveillance system server replacement, $20,000.
2022: Firewall, Network Data Storage, Network Switches
2023: Network Data Storage, WiFi System
2024: Virtual Server Host Replacement, Network Data Storage, Backup System
2025: Virtual Server Host Replacement, Firewall, Backup System
2026: Network Switch Replacement, Network Data Storage
2027: Network Data Storage, WiFi System; Network Switch Replacement
2028: Two virtual host servers, the network firewall and security appliance, data backup storage, and network switches

*Note - Schedules can be altered if necessary and do not include large unexpected replacements needed that would also be included in this project

Previous designated funding authorized for projects not yet completed:
None

12/31/18 fund balance: $44,639.79 - used for 2019 purchase

Justification

This continues to provide for the ongoing expense of network hardware replacement and maintenance. This amount increases annually. Although hardware costs continue to decrease, the amount of data we store increases annually at a rate faster than the rate of decreasing hardware costs. More users store more data in increasingly larger file sizes.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	86,500	865,000

(non-hwy, non-util)

Total	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**865,000**

Funding Sources	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**Total**
Capital Property Tax Levy	82,700	82,700	82,700	82,700	82,700	82,700	82,700	82,700	82,700	82,700	827,000
SRF - Refuse and Recycling Fund	400	400	400	400	400	400	400	400	400	400	4,000
Utility - Rates (stormwater)	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	11,000
Utility - Rates (water)	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	23,000
Total	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**86,500**	**865,000**

Budget Impact/Other

There is no anticipated operational impact as this project is used to upgrade and replace existing systems, most of which already have a maintenance/support contract in place, and we estimate those costs will not change significantly.

Annual Depreciation Cost - I.T. Capital Projects

PROJECT NAME	TIME	TOTAL	MAYOR & COUNCIL	ADMIN	HR	FACT	FINANCE	LEGAL	ASSESSING
Prod Data Center	6 Years	$ 18,036.85	$ 68.55	$ 137.10	$ 137.10	$ 5,323.10	$ 195.37	$ 137.10	$ 274.20
Firewall	3 Years	$ 13,333.33	$ 76.19	$ 152.38	$ 152.38	$ 380.95	$ 217.14	$ 152.38	$ 304.76
WiFi	5 Years	$ 5,250.00	$ 8.57	$ 17.14	$ 17.14	$ 42.86	$ 24.43	$ 17.14	$ 34.29
Data Storage	6 Years	$ 14,166.67	$ 23.81	$ 47.62	$ 47.62	$ 119.05	$ 67.86	$ 47.62	$ 95.24
Network Switches	7 Years	$ 21,642.86	$ 76.00	$ 152.00	$ 152.00	$ 594.29	$ 216.60	$ 152.00	$ 304.00
NVR	5 Years	$ 3,000.00	$ 5.51	$ 11.03	$ 11.03	$ 27.57	$ 15.72	$ 11.03	$ 22.06
DR Data Center	6 Years	$ 10,822.11	$ 41.13	$ 82.26	$ 82.26	$ 3,193.86	$ 117.22	$ 82.26	$ 164.52
	Total:	$ 86,252.00	$ 300.00	$ 600.00	$ 600.00	$ 9,682.00	$ 854.00	$ 600.00	$ 1,199.00

PROJECT NAME	TIME	PW	BUILD. MAINT.	BUILD. INSP.	CLERK	COURT	POLICE	FIRE	LIBRARY
Prod Data Center	6 Years	$ 433.92	$ 274.20	$ 222.79	$ 274.20	$ 205.65	$ 5,888.96	$ 1,233.91	$ 1,165.36
Firewall	3 Years	$ 482.29	$ 304.76	$ 247.62	$ 304.76	$ 228.57	$ 5,485.71	$ 1,371.43	$ 1,295.24
WiFi	5 Years	$ 196.68	$ 34.29	$ 27.86	$ 34.29	$ 25.71	$ 1,667.14	$ 2,404.29	$ 145.71
Data Storage	6 Years	$ 150.71	$ 95.24	$ 77.38	$ 95.24	$ 71.43	$ 11,714.29	$ 428.57	$ 404.76
Network Switches	7 Years	$ 734.28	$ 304.00	$ 247.00	$ 304.00	$ 228.00	$ 5,986.29	$ 6,682.29	$ 2,792.00
NVR	5 Years	$ 88.86	$ 22.06	$ 17.92	$ 22.06	$ 16.54	$ 1,056.82	$ 340.91	$ 613.64
DR Data Center	6 Years	$ 260.35	$ 164.52	$ 133.67	$ 164.52	$ 123.39	$ 3,533.38	$ 740.35	$ 699.22
	Total:	$ 2,347.00	$ 1,199.00	$ 974.00	$ 1,199.00	$ 899.00	$ 35,333.00	$ 13,202.00	$ 7,116.00

PROJECT NAME	TIME	PLAN/ZONE	ECON. DEV	SENIOR CEN.	PARKS	RECREATION	WATER	STORMWATEF	RECYCLING	CEDA
Prod Data Center	6 Years	$ 274.20	$ 137.10	$ 479.85	$ 274.20	$ 137.10	$ 490.20	$ 202.05	$ 70.61	$ -
Firewall	3 Years	$ 304.76	$ 152.38	$ 533.33	$ 304.76	$ 152.38	$ 426.10	$ 224.57	$ 78.48	$ -
WiFi	5 Years	$ 34.29	$ 17.14	$ 60.00	$ 124.29	$ 17.14	$ 176.02	$ 91.58	$ 32.00	$ -
Data Storage	6 Years	$ 95.24	$ 47.62	$ 166.67	$ 95.24	$ 47.62	$ 133.15	$ 70.18	$ 24.52	$ -
Network Switches	7 Years	$ 304.00	$ 152.00	$ 532.00	$ 464.00	$ 152.00	$ 652.73	$ 341.91	$ 119.48	$ -
NVR	5 Years	$ 22.06	$ 11.03	$ 38.60	$ 499.33	$ 11.03	$ 79.36	$ 41.38	$ 14.46	$ -
DR Data Center	6 Years	$ 164.52	$ 82.26	$ 287.91	$ 164.52	$ 82.26	$ 294.12	$ 121.23	$ 42.36	
	Total:	$ 1,199.00	$ 600.00	$ 2,098.00	$ 1,926.00	$ 600.00	$ 2,252.00	$ 1,093.00	$ 382.00	$ -

levy	$ 10,576.00	$ 27,374.00
recycling	$ 382.00	
library	$ 7,116.00	
franchise	$ 9,682.00	
utility	$ 3,345.00	
	$ 31,101.00	

Prod Data Center	Servers and storage that house the primary data systems for the city, including all physical and virtual servers and data storage excluding Police video and data backup.
Firewall	City Internet Firewall
WiFi	Wireless network system providing WiFi throughout City buildings
Data Storage	Data storage for city-wide backup; data storage for police squad and body worn camera video systems
Network Switches	Netowrk switches to connect all servers, firewalls, computers, phones, printers, and all other network devices
NVR	Network video recorder which consolidates all city surveillance camera recordings
DR Data Center	This is server and storage equipment at our backup datacenter location to be used in the event of a disaster recovery scenario

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1016

Project Name Telephone System Replacement - Revised

Department Admin - Technology
Contact IT Manager
Type Equipment
Useful Life 10 yrs
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

The current telephone system at City Hall was purchased in 1998. The current phone system has an anticipated useful life of 10+ years. This project will replace the existing telephone systems at City Hall Campus (City Hall, Police, Community Center & Library); Fire Stations #1 & #2; and Maintenance Facility Complex (Maintenance Facility and Evidence Building). A new system will likely be Voice Over IP (VOIP) based, which may require network and/or other infrastructure upgrades. $100,000 was approved in 2015 with system purchase and implementation to be tied to occupancy of the west side fire station. An annual amount of $10,000 is added for system capacity expansion and equipment replacement after the 2016 & 2017 purchases.

2017-2021 CIP Update: This revision removes project funding in 2019 and 2020. It is anticipated that this project will be complete once the East Fire Station is built and occupied, and all future costs will be contained within the operating budget.

2018-2027 CIP Update: This revision increases the amount required in 2018 from $15,000 to $25,000 for East Fire Station phones, based on the final phone plan for the West Fire Station and moves the initial purchase to the CIP project for the building (#2249). This update also adds phone system replacement in 2027 based on an expected 10 year life cycle.

2020-2029 CIP Update: Project delayed one year from 2027 to 2028.

Note: Assumes telephone costs for new public safety facility will be included in the overall facility project budget.

Justification

The telephone system is critical to City Hall, Police and Fire operations, and must be replaced proactively before major problems occur.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)									150,000		150,000
Total									**150,000**		**150,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy									150,000		150,000
Total									**150,000**		**150,000**

Budget Impact/Other

Annual maintenance and support costs for the new system is expected to be a percentage of the original purchase price.

2018-2027 CIP Update: There is no anticipated operational impact as annual maintenance and support is likely to be similar to what we already pay.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1024

Project Name Website Upgrades - Revised

Department Admin - Technology
Contact IT Manager
Type Improvement
Useful Life 5 yrs
Category General Equipment
Priority 3 Important

Description

As more people access the web through mobile devices and especially tablets, having a website that can accommodate them has become imperative. In addition, Fitchburg can integrate easily to other outlets, like Facebook and Twitter without having to have a social media staff person if the site is set up properly. Costs allocated to other funds based on number of users.

2018-2027 CIP Update: A re-design with the current provider is available for no additional charge in 2019 under our current contract. This revision adds funding in 2024 for full website upgrade/ replacement, possibly with a new provider.

2020-2029 CIP Update: Project delayed one year from 2024 to 2025.

Justification

Businesses and residents looking to relocate to our city look online first. If we want to grow in the right ways, we need to use this as a tool to attract the kind of tech and web-savvy business and resident to our city that we put such emphasis on.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Software						60,000					60,000
Total						**60,000**					**60,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy						60,000					60,000
Total						**60,000**					**60,000**

Budget Impact/Other

2018-2027 CIP Update: There is no anticipated operational impact as annual maintenance and support is likely to be similar to what we already pay.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1025

Project Name Door Access System Replacement

Department Admin - Technology
Contact IT Manager
Type Equipment
Useful Life 10 Years
Category Technology
Priority 2 Very Important

Description

This project will replace the door access (swipe card) system in use in all City buildings. The project would include the purchase of an IP-based door access system, controllers, and card readers for each door, ID badges and key fobs for all staff, and all necessary network cabling and switches. Existing door strike plate hardware can be reused. This system would initially replace door access at all city buildings with the exception of the existing fire stations, and would be expandable on a per-door basis to additional buildings and doors as necessary, including the two new fire stations.

2017 Mayor's Proposed Budget Update: Changed funding source from expenditure restraint to borrowing.

2018-2027 CIP Update: This revision adds funding in 2027 for replacement of the existing system based on a 10-year anticipated lifespan of the existing system.

Note: Assumes door access costs for new public safety facility will be included in the overall facility project budget.

Justification

The existing door access system is end of life, and cannot be expanded further. Building maintenance staff are having a difficult time finding parts for the existing system, and the existing system is malfunctioning on a regular basis which results in doors being locked when they should be open, requiring staff to prop doors open. Further, the new Fire Stations will require door access. The proposed system will solve the issues with the existing system and will allow for unlimited future expansion. Additionally, the new system does not require central controllers, which is the largest current issue. The new system can be expanded on a per-door basis, as needed, and will meet the needs of the two new fire stations.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)								200,000			200,000
Total								**200,000**			**200,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy								200,000			200,000
Total								**200,000**			**200,000**

Budget Impact/Other

The door access system will likely require on ongoing maintenance agreement with the software vendor, as well as occasional maintenance and repair. This will increase the operating budget in future years.

2018-2027 CIP Update: There is no anticipated operational impact as annual maintenance and support is likely to be similar to what we already pay.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1035

Project Name Video Security System Upgrade/Replace

Department Admin - Technology
Contact IT Manager
Type Equipment
Useful Life 10 Years
Category Facilities Projects
Priority 2 Very Important

Description

Replace the City Hall campus security cameras and all associated equipment

2018-2027 CIP Update: This revision adds funding in 2026 for replacement of the existing system based on a 10-year anticipated lifespan of the existing system.

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)							125,000				125,000
Total							**125,000**				**125,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy							125,000				125,000
Total							**125,000**				**125,000**

Budget Impact/Other

2018-2027 CIP Update: There is no anticipated operational impact as annual maintenance and support is likely to be similar to what we already pay.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2142

Project Name Police Records Mgmt System Replace

Department Admin - Technology
Contact IT Manager
Type Equipment
Useful Life 15 years
Category Technology
Priority 2 Very Important

Description

The police department, along with those in Middleton, Sun Prairie, Verona, and Monona share a records management system (RMS) to document all police activity. This system is used 24 hours per day by all police staff to document police activity. It is a critical system for police to record calls for service, incident information, data on people and vehicles, and manage property and evidence. The system is also used to provide required Uniform Crime Reporting to the FBI, and provide incident reports to the District Attorney, staff and citizens, as well as provide statistical reports. This project is for Fitchburg's portion of the cost to replace the RMS. Total cost of replacement $500,000; Fitchburg's share $140,000.

Justification

The current RMS system was purchased in 2003, and went live in 2005, making it more than 12 years old. The RMS has been declared end of life by the software vendor, meaning that no additional functionality will be added to the current system. In 2016 the FBI announced that all Law Enforcement agencies must switch to IBR reporting by January 1, 2021. The existing RMS does not provide IBR reporting, but instead uses UCR. Considering that deadline and the end of life announcement by the software vendor, it will become necessary to replace the RMS system no later than 2020.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Software	70,000										70,000
Total	**70,000**										**70,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	70,000										70,000
Total	**70,000**										**70,000**

Budget Impact/Other

We do not anticipate an operational impact. We are currently paying annual maintenance and support for the existing RMS system and believe those costs for the new system will be comparable.

May 17, 2017

Police Records Management System Replacement

From: Matt Prough, IT Manager

Re: Police Records Management System Replacement (CIP#2142)

The Fitchburg Police Department shares a records management system with the Middleton, Sun Prairie, Verona, and Monona Police Departments. The records management system was purchased in 2003 and fully implemented in 2005. Each department uses the system on a daily basis to record all police activities related to calls for service, incidents, citations, motor vehicle crashes, property and evidence, and many other items. The RMS is one of the most heavily utilized information technology systems throughout all five organizations and is critical to the operations of all five agencies.

In 2016 the company that supplies and supports the RMS, Caliber Public Safety, announced that our RMS is end of life and will no longer have product enhancements or new functionality, however it will still be supported for several years in the future. Additionally, also in 2016 the FBI announced that all law enforcement agencies must switch from UCR reporting to IBR reporting no later than January 1, 2021. Our existing RMS does not have IBR functionality, and due to its status as end of life IBR will not be added to our existing product. This necessitates a replacement of the RMS by 2020.

We are anticipating the cost of the new RMS to be approximately $500,000 which will be divided between the five agencies. Our current method of cost allocation is based on population percentage, which results in the following breakdown for each of the agencies:

City	Population	Population %	RMS Share
Middleton	19317	19.41%	$97,042.07
Fitchburg	27635	27.77%	$138,828.88
Sun Prairie	32613	32.77%	$163,836.67
Verona	12100	12.16%	$60,786.30
Monona	7864	7.90%	$39,506.07
Totals:	99529	100.00%	$500,000.00

**Population based on Wisconsin Department of Administration Estimates as of January 1, 2016*

We expect the replacement project to begin in 2019 which will require a portion of the total to be paid, with the remaining balance to be paid in 2020 at the completion of the project.

Failure to replace the RMS by the 1/1/2021 FBI deadline for IBR reporting will leave these five agencies without the ability to submit IBR electronically. They will either have to manually complete IBR, which will be a very staff-intensive process, or not report IBR data, which may leave each agency unable to obtain federal grant funds. There is also significant concern operating a system that has been declared end of life by the vendor for a substantial period of time.

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Senior Center												
Sr. Center Fleet Vehicles	6352	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419	*21,255*
Capital Property Tax Levy		***1,854***	***1,910***	***1,967***	***2,026***	***2,087***	***2,149***	***2,214***	***2,280***	***2,349***	***2,419***	***21,255***
Senior Center Total		**1,854**	**1,910**	**1,967**	**2,026**	**2,087**	**2,149**	**2,214**	**2,280**	**2,349**	**2,419**	***21,255***
GRAND TOTAL		**1,854**	**1,910**	**1,967**	**2,026**	**2,087**	**2,149**	**2,214**	**2,280**	**2,349**	**2,419**	***21,255***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6352

Project Name Sr. Center Fleet Vehicles

Department Senior Center
Contact Senior Center Director
Type Equipment
Useful Life 10 Years
Category General Equipment
Priority 2 Very Important

Description

Project to create a replacement fund for existing Senior Center fleet vehicle purchased in 2018.

Note: A second car is included in the CIP project for the addition of the territory currently in the Town of Madison #1040.

Justification

We have 6 staff at the Senior Center with 2 staff using their vehicles multiple times a day, 2 staff using their vehicles 2-4 times/week and 2 staff several times per month.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement Fund	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419	21,255
Total	**1,854**	**1,910**	**1,967**	**2,026**	**2,087**	**2,149**	**2,214**	**2,280**	**2,349**	**2,419**	**21,255**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419	21,255
Total	**1,854**	**1,910**	**1,967**	**2,026**	**2,087**	**2,149**	**2,214**	**2,280**	**2,349**	**2,419**	**21,255**

Budget Impact/Other

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Clerk												
Electronic Poll Books	1039	80,000							98,000			*178,000*
Capital Property Tax Levy		***80,000***							***98,000***			***178,000***
	Clerk Total	**80,000**							**98,000**			***178,000***
	GRAND TOTAL	**80,000**							**98,000**			***178,000***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1039

Project Name Electronic Poll Books

Department Clerk
Contact City Clerk
Type Equipment
Useful Life 7 Years
Category Apparatus & Equipment
Priority 5 Future Consideration

Description

The State of Wisconsin Elections Commission will be looking at allowing muncipalities the opportunity to implement Electronic pollbooks "E-Poll Books". The system has not currently been approved yet by the State but is on the horizon. Based on the City of Fitchburg's current active voter listing, we would require at a minimum 25 units.

2019-2028 CIP Update: Since the original submission of this item, the State of Wisconsin Election Commission has worked on implementation of E-Poll Books, now called "Badger Book". "Badger Book" is the program written by the Election Commission. Five pilot test sites were selected for the Spring 2018 Election to test the new "Badge Book" program. These pilot sites will be gathering data from the spring election to help determine any software/hardware issues and any modifications need for the "Badger Book" program. After attending the testing/training and learning that these terminals will eliminate our voter registration computers, there is a need to increase the total number of terminals at each location to 10. Therefore the minimum number of terminals for the City should be 40 instead of the original estimate of 25.

Justification

This sytem gives election workers a paperless, simple-to-operate voter check-in device. It would cut down on waiting time for voters, increases the accuracy of voter's personal information and improves the voting experience for both voters and election workers. The system functions on touchscreen tablets using Windows 8 operating system. Though this is not currently approved by the State of WI, we anticipate it to be within the next year or two. We would like to plan for the E-Poll Books so when it does get approved, we have the ability to streamline the voting process and move forward with the new technology.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	80,000							98,000			178,000
Total	**80,000**							**98,000**			**178,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	80,000							98,000			178,000
Total	**80,000**							**98,000**			**178,000**

Budget Impact/Other

No longer need to print paper poll books which will save staff time and paper. Cost not quantified.

2019-2028 CIP Update: While there is a cost for the additional terminals there will also be some additional IT cost savings from no longer requiring the separate registration laptops (staff time and no internet connection needed). The existing laptops can also be repurposed for other City functions. All information will be imported/exported from the WisVote system. The absentee process will be changed drastically saving hours of staff time for each election.

City of Fitchburg, WI

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost	0	0	0	0	0	0	0	0	0		0
Supplies/Materials	0	0	0	0	0	0	0	0	0		0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Library												
Library Outreach Vehicle	5202								60,500			*60,500*
SRF - Fund Balance Applied									***60,500***			***60,500***
Self-Check Machines	5203						85,000					*85,000*
SRF - Fund Balance Applied							***85,000***					***85,000***
Automated Materials Handling System (Sorter)	5204				190,000							*190,000*
SRF - Fund Balance Applied					***190,000***							***190,000***
Library Bldg Improve Replacements	5298	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,605	*304,049*
Capital Property Tax Levy		***26,522***	***27,318***	***28,138***	***28,982***	***29,851***	***30,747***	***31,669***	***32,619***	***33,598***	***34,605***	***304,049***
Library Total		**26,522**	**27,318**	**28,138**	**218,982**	**29,851**	**115,747**	**31,669**	**93,119**	**33,598**	**34,605**	***639,549***
GRAND TOTAL		**26,522**	**27,318**	**28,138**	**218,982**	**29,851**	**115,747**	**31,669**	**93,119**	**33,598**	**34,605**	***639,549***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 5202

Project Name Library Outreach Vehicle

Department Library
Contact Library Director
Type Equipment
Useful Life 10 years
Category General Equipment
Priority 2 Very Important

Description

The library purchased a van used by staff to deliver outreach services around the community. The van was customized so that it could loaded with books and movies to be checked out, computers for classes, or storytime supplies, depending on the services being delivered that day. The outside of the van was wrapped with the library logo for high visibility in the community.

The funding for this equipment would come from the Library's accumulated fund balance for equipment replacement.

Justification

Outreach services are a high priority for the Library Board and the Common Council. The Outreach Librarian position was approved in light of this priority, and the mobile library provides that staff member with a means to take materials, programs, and services to all areas of Fitchburg.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)								60,500			60,500
Total								**60,500**			**60,500**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Fund Balance Applied								60,500			60,500
Total								**60,500**			**60,500**

Budget Impact/Other

No additional costs expected as a result of the replacement.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 5203

Project Name Self-Check Machines

Department Library
Contact Library Director
Type Equipment
Useful Life 7 years
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

The five self-check machines at the library reached end-of-life in 2015. That means they are no longer eligible for software updates, and they have slowed down considerably.

Note: A budget amendment is being proposed to Council to accelarate the purchase of these machines to 2017. In anticipation of that resolution being approved, the 2018 purchase was removed from this CIP.

Justification

Approximately 80% of check out of material through the self-check machines. Without them we would need to double or triple the number of Library Assistant I positions we currently have working at the circulation desk inside the front door.

Fund balance within the Library fund is sufficient to pay for these items in 2018 and has been specifically earmarked by the Board for their purchase.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)						85,000					85,000
Total						**85,000**					**85,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Fund Balance Applied						85,000					85,000
Total						**85,000**					**85,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 5204

Project Name Automated Materials Handling System (Sorter)

Department Library
Contact Library Director
Type Equipment
Useful Life 10 years
Category Equipment Replace/ Resurface Pgm
Priority 3 Important

Description

The projected life span of the current Automated Materials Handling System (sorter) at the library is 10-12 years. The 2023 amount is the cost of the current machine including delivery charges and installation fees and increased that cost by 3% per year.

The funding for this equipment would come from the Library's accumulated fund balance for equipment replacement.

Justification

The library was built on the assumption that we would have an automated materials handling system. Without it we would need to increase the number of shelvers we employ by 5-6 positions. We would also need to renovate the building to accommodate a traditional book drop.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)				190,000							190,000
Total				**190,000**							**190,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
SRF - Fund Balance Applied				190,000							190,000
Total				**190,000**							**190,000**

Budget Impact/Other

None anticipated.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 5298

Project Name Library Bldg Improve Replacements

Department Library
Contact Library Director
Type Improvement
Useful Life varies
Category Facilities Projects
Priority 3 Important

Description

The library was built new in 2010. As the building ages, certain pieces are expected to begin to fail and need replacement. The intention of this CIP project is to have funds available for those large capital building improvement projects (not library specific equipment) when needed, without creating spikes in the property taxes needed to fund these purchases.

The priorities of various projects will be discussed between the Public Works Director, Building and Grounds Supervisor, and the Library Director. The control of this CIP project is with the Council, not the Library Board, and the funding would be retained in the Capital Projects Fund, not the Library Fund.

Example projects: carpet, garage doors, elevator, compressors, HVAC, etc. The maintenance costs willl remain with the library; this CIP is for the eventual full replacement of these building items.

12/31/18 fund balance: $9,197

Justification

Within each City building is multiple pieces of equipment that can fail and require replacement without much notice. This CIP will accumulate the necessary resources to pay for those items when necessary.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement Fund	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,605	304,049
Total	**26,522**	**27,318**	**28,138**	**28,982**	**29,851**	**30,747**	**31,669**	**32,619**	**33,598**	**34,605**	**304,049**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,605	304,049
Total	**26,522**	**27,318**	**28,138**	**28,982**	**29,851**	**30,747**	**31,669**	**32,619**	**33,598**	**34,605**	**304,049**

Budget Impact/Other

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Econ Dev												
Logo Implementation and Wayfinding - Revised	1030	30,000	0	0	0	0						*30,000*
Capital Property Tax Levy		***30,000***	***0***	***0***	***0***	***0***						***30,000***
	Econ Dev Total	**30,000**	**0**	**0**	**0**	**0**						***30,000***
	GRAND TOTAL	**30,000**	**0**	**0**	**0**	**0**						***30,000***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1030

Project Name Logo Implementation and Wayfinding - Revised

Department Econ Dev
Contact Economic Dev Director
Type Equipment
Useful Life 5 yrs
Category General Equipment
Priority 5 Future Consideration

Description

Funding for updates to current monument signs, additional monument signs at Civic Campus, wayfinding throughout the City, snowflake and banner replacement and possible expansion to new developments, supplies for banners and snowflakes and additional cost of branding of items as needed.

Amended in 2015 to increase costs as follows:
2016: $10,000 to $60,000
2017-2020: new costs

2016 Budget: Council amendment #61 reduced project by $30,000

2017-2021 CIP Update: Adding an additional year
2018-2027 CIP Update: Adding additional years
2019-2028 CIP Update: Additional funding of $40,000 needed to complete wayfinding project (total cost $101,000). Additional amount paid by CEDA
2020-2029 CIP Update: Removed property tax funding for years 2021 through 2024.

12/31/18 fund balance: $74,920

Justification

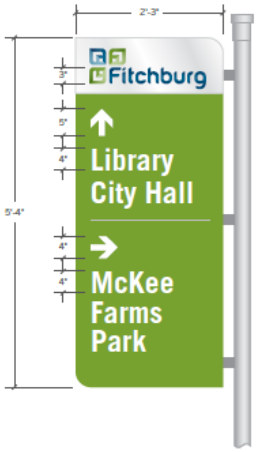
Implementation of logo is an important component of the Forward Fitchburg, marketing and economic development strategic plan completed by the City and the Fitchburg Chamber Visitor and Business Bureau. As usage increases in the many state bike paths and other corridors throughout the City, it is important to provide a uniform signage system that will continue to identify the City as an important destination. Signs would provide directions for City Campus trail users and historical landmarks. As we replace vehicles, the new logo will begin to be more prominent.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	30,000	0	0	0	0						30,000
Total	**30,000**	**0**	**0**	**0**	**0**						**30,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	30,000	0	0	0	0						30,000
Total	**30,000**	**0**	**0**	**0**	**0**						**30,000**

Budget Impact/Other





VD.1 Vehicle Directionals
Primary Directional

OBJECTIVE
Guide motorists to individual destinations.
Reinforce the city brand and identity.

RATIONALE
Wayfinding directionals display the city brand and color consistent with the wayfinding signage family. The white type on darker background provides clear, easily readable information to drivers. A 4" letter height for messaging meets standard visibility guidelines for traffic signage. The city equity color of green is a consistently used background throughout the signage family.

LOCATION
Primary vehicle wayfinding signs should be placed a minimum of 100 feet in advance of a decision point where vehicles may need to turn.
See the map on page ?? for preliminary locations.

MATERIAL
Painted sign panel with vinyl applied graphics and reflective type. Mounted to metal post.





City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
EMS												
EMS Vehicle Replacement - Revised	2302	63,200	0	0	0	0	0	0	0	0	0	*63,200*
Capital Property Tax Levy		***31,600***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***31,600***
Contribution from Other Entities		***31,600***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***31,600***
Sale/Trade In (non-hwy, non-util)			***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
EMS Fleet Replacement - New	2399	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	*1,116,586*
Capital Property Tax Levy		***97,400***	***100,322***	***103,332***	***106,432***	***109,625***	***112,914***	***116,301***	***119,790***	***123,384***	***127,086***	***1,116,586***
	EMS Total	**160,600**	**100,322**	**103,332**	**106,432**	**109,625**	**112,914**	**116,301**	**119,790**	**123,384**	**127,086**	***1,179,786***
	GRAND TOTAL	**160,600**	**100,322**	**103,332**	**106,432**	**109,625**	**112,914**	**116,301**	**119,790**	**123,384**	**127,086**	***1,179,786***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2302

Project Name EMS Vehicle Replacement - Revised

Department EMS
Contact EMS Chief
Type Equipment
Useful Life varies
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

Amounts will vary each year based on Fitchburg's share of Fitchrona costs, which is based on proportionate share of equalized values of all the municipalities in the district.

2017-2021 CIP Update: The 2017 and 2021 ambulance includes auto load units which reduces potenial injury to the patient and/or EMT's . The 2019 ambulance includes an auto load unit and a diesel exhaust elimination unit. The 2018 Command Vehicle include a mobile radio, light bar, siren, MTD computer, jump bags, decal wrap, and organizer. Third ambulance moved to new CIP project.

2017-2021 CIP Amendment: Change funding source for ambulances from borrowing to levy.

2018-2027 CIP Update: 2017 and 2019 ambulances include the new box. The 2021 ambulance will utilize an exsisting box from the unit going out of service. The third front line ambulance was postponed to 2018 and moved to a separate CIP project #2309.

2018: increased cost to include all necessary equipment package in Car 16 (total added cost $49,786) and a reduction of $761 due to EV allocation; new command car delayed to 2019 to align with expected opening of new fire station. (added cost 3% or $1,442)
2019 and beyond: Ambulance pricing will include equipment tied to that ambulance for 10 years. While this will increase costs in this project catagory, it will reduce costs overall by extending the life time of most major items from 6-8 years to 10 years. Items like Cardiac Monitors, Power cots, autoLoaders, CO Monitors, and Stair Chairs and communications equipment.
2021: purchase a chassis and box and the rechassising of ambulances will begin in 2023.While reporting the CIP last year for 2021 we thought the rechassising would begin in 2021. All ambulance pricing now includes AutoLoad and Power Cot technology which reduces potential injury to patient and/or EMT.

2019-2028 CIP Update: Fleet increased from four to five ambulances (see CIP #2309) and from one to two support vehicles. Future replacement of the fifth ambulance is included in this CIP project. One replacement every two years for a 10 year life (6 years as front-line and 4 years as back-line). The additional support vehicle will be used for outreach and will not require much equipment. The life of the support vehicles extended from 8 to 15 years.

New EMS Chief re-evaluated rechassis concept and determined the upfront savings by keeping the boxes is overshadowed by the additional maintenance. As a result, all of the future projects propose full replacement.

Project updated to show total cost with contributions from the other entities. Also used a 50% cost share for all future years, which will change during the operating budget process as EV allocations are known.

2019 Costs: Ambulance $325,000 (Vehicle $285,000 + Durable Goods $60,000); Support Vehicle (Vehicle w/ light, radio, MDT, equipment box $62,000 + Cardiac Monitor $32,000)

2019 Budget: Command car delayed from 2019 to 2020 per Council amendment.

2020-2029 CIP Update: Added 2% increase to cost of 2020 replacement to account for inflation of year delay. Purchases for 2019 and 2020 (delayed from 2019) retained in this project. All replacements for 2021 and beyond moved to CIP #2399.

Upcoming Projects:
2020: Command car replacement total cost $63,200 (Fitchburg cost $31,600) - old car retained to add another command car to the fleet (increased from $62,000 to $63,200 for inflation)

Previously authorized funding:
2017: Ambulance replacement $128,227 ERP
2019: Ambulance replacement total cost $345,000 (Fitchburg cost $172,500)

Justification

Replacements are necessary in order to provide safe and reliable transport. Ambulance replacements take place at 120,000 miles and last approximately 10 years. Ambulance chassis is being upgraded to a Medium Duty. The "box" of the 2019 ambulance will be re-mounted onto a new chassis. Support Vehicles have a life of 15 years.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	63,200	0	0	0	0	0	0	0	0	0	63,200
Total	**63,200**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**63,200**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	31,600	0	0	0	0	0	0	0	0	0	31,600
Contribution from Other Entities	31,600	0	0	0	0	0	0	0	0	0	31,600
Sale/Trade In (non-hwy, non-util)		0	0	0	0	0	0	0	0	0	0
Total	**63,200**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**63,200**

Budget Impact/Other

2020-2029 CIP Update: There will be additional fuel, repairs, and software licensure for the data terminal of the additional command car in the fleet but the impact will be a minimal increase.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Supplies/Materials	500	515	530	546	563	580	597	615	633	652	5,731
Total	**500**	**515**	**530**	**546**	**563**	**580**	**597**	**615**	**633**	**652**	**5,731**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2399

Project Name EMS Fleet Replacement - New

Department EMS
Contact EMS Chief
Type Equipment
Useful Life varies
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

Fitchrona EMS has a fleet of command cars and ambulances. A listing of all the vehicles is attached that includes replacement cost, trade-in value, net cost, useful life, and annualized cost. Timely replacement of these vehicles is necessary in order to have reliable vehicles for department use.

The City of Fitchburg's share of the replacement is based on the proportionate share of equalized values amoung the participating municipalities. To avoid recalculating the amount each year, a consistent 50% is used for all years.

Note: The 2019 ambulance replacement and 2020 command car replacement (delayed from 2019) are included in CIP #2302. This project is to account for replacements in 2021 and beyond, utilzing the replacement fund strategy incorporated with fleets in other departments.

Justification

Beginning in 2020, a replacement fund concept is recommended for EMS fleet vehicles, similar to other departments. This strategy will allow the City to better plan for replacements while evening the spikes and valleys in the property tax levy needed for these cyclical replacements. An assumed inflation cost is used for budgeting purposes. Trade-in value is incorporated into the annualized cost but is not listed separately below. Cash flow has been analyzed to verify resources are expected to be available when purchases are made.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	1,116,586
Total	**97,400**	**100,322**	**103,332**	**106,432**	**109,625**	**112,914**	**116,301**	**119,790**	**123,384**	**127,086**	**1,116,586**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	97,400	100,322	103,332	106,432	109,625	112,914	116,301	119,790	123,384	127,086	1,116,586
Total	**97,400**	**100,322**	**103,332**	**106,432**	**109,625**	**112,914**	**116,301**	**119,790**	**123,384**	**127,086**	**1,116,586**

Budget Impact/Other

City of Fitchburg
EMS Fleet Replacement Fund Supporting Document
Created: 4/12/19

Vehicle Name	Vehicle #	Replacement Cost (a),(b)	Trade-in Value (a)	Net Cost (a)	Useful Life	Annual Cost
FitchRona Car 15 (d)	FRC15	$ 94,000	$ 1,000	$ 93,000	5	$ 18,600
FitchRona Car 17	FRC17	$ 94,000	$ 1,000	$ 93,000	15	$ 6,200
FitchRona Medic 43	FRM43	$ 345,000	$ 5,000	$ 340,000	10	$ 34,000
FitchRona Medic 44	FRM44	$ 345,000	$ 5,000	$ 340,000	10	$ 34,000
FitchRona Medic 45	FRM45	$ 345,000	$ 5,000	$ 340,000	10	$ 34,000
FitchRona Medic 46	FRM46	$ 345,000	$ 5,000	$ 340,000	10	$ 34,000
FitchRona Medic 47	FRM47	$ 345,000	$ 5,000	$ 340,000	10	$ 34,000
				$ 1,886,000		$ 194,800
Fitchburg Share				50%		50%
				$ 943,000		$ 97,400

Inflation assumption	3%	(c)	
2020 allocated cost		$	97,400
2021 allocated cost		$	100,322
2022 allocated cost		$	103,332
2023 allocated cost		$	106,432
2024 allocated cost		$	109,625
2025 allocated cost		$	112,914
2026 allocated cost		$	116,301
2027 allocated cost		$	119,790
2028 allocated cost		$	123,384
2029 allocated cost		$	127,086
2030 allocated cost		$	130,899
2031 allocated cost		$	134,826
2032 allocated cost		$	138,871
2033 allocated cost		$	143,037

(a) - All dollar values are based on 2019, when the replacement fund concept is initiated. These costs will be updated each year for major changes and thoroughly reviewed every five years.
(b) - Replacement cost includes the cost of the vehicle, along with equipment and change-over costs.
(c) - Inflation estimate is based on the typical annual increase experienced with fleet
(d) - Plan to keep old car 15 in 2020 to add an additional command car to the fleet. That leaves a shorter time to fund the future replacement in 2025. The 2019 ambulance replacement and 2020 command car replacement done under the prior strategy is still included in CIP #2302. This new CIP project is for future fleet replacements.

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Police Department												
Police Radio Replacements - Revised	2125	131,440	175,310	300,000	100,000	110,802	114,126	117,550	121,076	124,709	128,450	*1,423,463*
Capital Property Tax Levy		***131,440***	***175,310***	***300,000***	***100,000***	***110,802***	***114,126***	***117,550***	***121,076***	***124,709***	***128,450***	***1,423,463***
Police Body Cameras - Revised	2140				173,900	39,168	40,343	41,553	42,800	44,084	45,406	*427,254*
Capital Property Tax Levy					***173,900***	***39,168***	***40,343***	***41,553***	***42,800***	***44,084***	***45,406***	***427,254***
Police Station Addition	2141	1,600,000	0	0		6,400,000						*8,000,000*
Borrowing (non-util, GO debt)		***1,600,000***	***0***	***0***		***6,400,000***						***8,000,000***
Capital Property Tax Levy		***0***										***0***
Police Equipment - Revised	2198		16,400	23,700	33,000					38,000		*111,100*
Capital Property Tax Levy			***16,400***	***23,700***	***33,000***					***38,000***		***111,100***
Police Fleet Vehicles - Revised	2199	73,564	208,383	214,634	221,073	227,705	234,536	241,572	248,819	256,284	263,973	*2,190,543*
Capital Property Tax Levy		***73,564***	***208,383***	***214,634***	***221,073***	***227,705***	***234,536***	***241,572***	***248,819***	***256,284***	***263,973***	***2,190,543***
Police Department Total		**1,805,004**	**400,093**	**538,334**	**527,973**	**6,777,675**	**389,005**	**400,675**	**412,695**	**463,077**	**437,829**	***12,152,360***
GRAND TOTAL		**1,805,004**	**400,093**	**538,334**	**527,973**	**6,777,675**	**389,005**	**400,675**	**412,695**	**463,077**	**437,829**	***12,152,360***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2125

Project Name Police Radio Replacements - Revised

Department Police Department
Contact Police Chief
Type Equipment
Useful Life 10 years
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

Replacement of mobile and portable radios based on original purchase date. Cost includes programming and installation.

2020-2029 CIP Update: Added 5 mobile radios to 2021. Phased-in funding of radios between 2020-2022. Retained replacement fund implementation in 2024 once large projects completed, but updated replacement costs based on current pricing and the number of years from 2024 to scheduled replacement. See revised inventory attached.

Upcoming replacements and estimated timing, all funded by levy:
2020: 12 mobile radios
2022: 2 mobile radios
2022: 65 portable radios - funding split between 2020, 2021 & 2022 (increased by 5 radios)
2023: 12 motible radios

Justification

Due to safety and reliability, we will replace our radios when they expire every 10 years as well as add additional radios to our inventory.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	131,440	175,310	300,000	100,000							706,750
Replacement Fund					110,802	114,126	117,550	121,076	124,709	128,450	716,713
Total	**131,440**	**175,310**	**300,000**	**100,000**	**110,802**	**114,126**	**117,550**	**121,076**	**124,709**	**128,450**	**1,423,463**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	131,440	175,310	300,000	100,000	110,802	114,126	117,550	121,076	124,709	128,450	1,423,463
Total	**131,440**	**175,310**	**300,000**	**100,000**	**110,802**	**114,126**	**117,550**	**121,076**	**124,709**	**128,450**	**1,423,463**

Budget Impact/Other

City of Fitchburg
Police Radio Replacement
Created: March 2019
Last Revised: April 2019

Vehicle Name	Quantity	Replacement Cost (a),(b)	Trade-in Value (a)	Net Cost (a)	Useful Life (d)	Annual Cost (a)
Mobile Radios	12	$ 8,350	$ -	$ 100,200	6	$ 16,700
Mobile Radios	2	$ 8,350	$ -	$ 16,700	8	$ 2,088
Portable Radios	22	$ 7,750	$ -	$ 170,500	7	$ 24,357
Portable Radios	38	$ 7,750	$ -	$ 294,500	8	$ 36,813
Mobile Radios	12	$ 8,350	$ -	$ 100,200	8	$ 12,525
Mobile Radios (new)	5	$ 8,350	$ -	$ 41,750	7	$ 5,964
				$ 723,850		$ 98,446
Inflation assumption	3%	(c)				
2020 allocated cost		$ 98,446	$ (98,446)	$ -	(d)	
2021 allocated cost		$ 101,400	$ (101,400)	$ -	(d)	
2022 allocated cost		$ 104,442	$ (104,442)	$ -	(d)	
2023 allocated cost		$ 107,575	$ (107,575)	$ -	(d)	
2024 allocated cost		$ 110,802	$ -	$ 110,802		
2025 allocated cost		$ 114,126	$ -	$ 114,126		
2026 allocated cost		$ 117,550	$ -	$ 117,550		
2027 allocated cost		$ 121,077	$ -	$ 121,077		
2028 allocated cost		$ 124,709	$ -	$ 124,709		
2029 allocated cost		$ 128,450	$ -	$ 128,450		
2030 allocated cost		$ 132,304	$ -	$ 132,304		
2031 allocated cost		$ 136,273	$ -	$ 136,273		
2032 allocated cost		$ 140,361	$ -	$ 140,361		
2033 allocated cost		$ 144,572	$ -	$ 144,572		
2034 allocated cost		$ 148,909	$ -	$ 148,909		

(a) - All dollar values are based on 2019, when the replacement fund concept is initiated. These costs will be updated each year for major changes and thoroughly reviewed every five years.
(b) - Replacement cost includes the cost of installation and programming.
(c) - Inflation estimate is consistent with the standard inflation factor used for other CIP projects.
(d) - To better phase-in new replacement fund, changed useful lifes from actual 10 year life to the number of years between when the replacement fund can start in 2024 and when the items are scheduled for replacement. Also removed the replacement fund for 2020 - 2023 when the large recent projects are scheduled to occur. When next replacement occurs in 2029 - 2031, change the useful lives back to 10 years.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2140

Project Name Police Body Cameras - Revised

Department Police Department
Contact Police Chief
Type Equipment
Useful Life 5 Years
Category Apparatus & Equipment
Priority 2 Very Important

Description

The police department has 48 police body cameras. These carmeras record the officers contacts during calls for service.

2019-2028 CIP Update: The police department has 48 body cameras and a server to store the video. The replacement of the server, which also has a five year life expectancy, was added to the project.

2020-2029 CIP Update: Update the cost to implement a replacement fund in 2024 based on inventory of existing body cameras.

Justification

The cameras and server have a 5-year life expectancy. In order to keep our cameras current and reliable, we will need to maintain a 5-year replacement schedule. We are starting the 5-year count down in 2018 with the first replacement year as 2023 because the cameras will not be in full use until the last quarter of 2017.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)				173,900							173,900
Replacement Fund					39,168	40,343	41,553	42,800	44,084	45,406	253,354
Total				**173,900**	**39,168**	**40,343**	**41,553**	**42,800**	**44,084**	**45,406**	**427,254**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy				173,900	39,168	40,343	41,553	42,800	44,084	45,406	427,254
Total				**173,900**	**39,168**	**40,343**	**41,553**	**42,800**	**44,084**	**45,406**	**427,254**

Budget Impact/Other

City of Fitchburg
Body Camera Replacement
Created: March 2019
Last Revised: April 2019

Vehicle Name	Quantity	Replacement Cost (a),(b)	Trade-in Value (a)	Net Cost (a)	Useful Life	Annual Cost (a)
Body Cameras	52	$ 2,000	$ -	$ 104,000	5	$ 20,800
Server	2	$ 35,000	$ -	$ 70,000	5	$ 14,000
				$ 174,000		$ 34,800
Inflation assumption	2.5%	(c)				
2020 allocated cost		$ 34,800	$ (34,800)	$ -	(d)	
2021 allocated cost		$ 35,670	$ (35,670)	$ -	(d)	
2022 allocated cost		$ 36,562	$ (36,562)	$ -	(d)	
2023 allocated cost		$ 37,476	$ (37,476)	$ -	(d)	
2024 allocated cost		$ 38,413	$ -	$ 38,413		
2025 allocated cost		$ 39,373	$ -	$ 39,373		
2026 allocated cost		$ 40,357	$ -	$ 40,357		
2027 allocated cost		$ 41,366	$ -	$ 41,366		
2028 allocated cost		$ 42,400	$ -	$ 42,400		
2029 allocated cost		$ 43,460	$ -	$ 43,460		
2030 allocated cost		$ 44,547	$ -	$ 44,547		
2031 allocated cost		$ 45,661	$ -	$ 45,661		
2032 allocated cost		$ 46,803	$ -	$ 46,803		
2033 allocated cost		$ 47,973	$ -	$ 47,973		

(a) - All dollar values are based on 2019, when the replacement fund concept is initiated. These costs will be updated each year for major changes and thoroughly reviewed every five years.
(b) - Replacement cost includes the cost of installation and programming.
(c) - Inflation estimate is consistent with the standard inflation factor used for other CIP projects.
(d) - Replacement fund not started until after the next replacement in 2023.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2141

Project Name Police Station Addition

Department Police Department
Contact Police Chief
Type Improvement
Useful Life
Category General Equipment
Priority 2 Very Important

Description

In 2014, a Space Needs Analysis and Project Building Program study was completed on the City Hall Campus by Dimension - Madison Design Group. The report was presented with recommendations on February 9, 2015. On February 17, 2015, a presentation was made before the Committee of the Whole. The estimate provided is for a stand alone facility. Land acquisition costs are not included. A minimum of 4 acres will be needed. A new off-site police facility would mitigate the need for City Hall and the Community/Senior Center expansion via abandoned space remodeling. Furniture and fixtures are included in the requested amount.

2016-2020 CIP Amendment: Project postponed to a future CIP.

2017-2021 CIP Update: On April 21, 2014 the City Hall Expansion Oversight Committee accepted the Space needs report. Land acquisition costs still not included.

2017-2021 CIP Amendment: Delayed to 2022 or later. Keep some interim funding paid by property tax levy.

2018-2027 CIP Update: Title changed from Police Facility/City Hall Remodel to Public Safety Facility. The details of the project will be determined in the next few years. Reinstated the dollar amounts from the Mayor's proposed 2017-2021 CIP but delayed to construction in 2022/2023

2018 Budget Update: F100 Fund Balance (in lieu of ERP aid) used to fund 2018 cost.

2019-2028 CIP Update: The public safety facility are being moved up one year to facilitate occupancy in 2022 (site determination 2019, design 2020, construction 2021/2022). The police department has existing space needs in the evidence storage room, evidence lab, armory, squad room, and meeting spaces that all currently need to be addressed. An increase in police department staffing is anticipated in the next five years and is likely to be significant due to the growth in Fitchburg and the absorption of the Town of Madison. Additionally, funds have been budgeted in this account to address short-term needs in 2017 and 2018. Moving the project up may reduce these expenditures to address short-term needs due to the occupying a larger facility earlier.

2019-2028 CIP Council Amendment: Add $300,000 for land acquisition in 2020 as a result of change from standalone facility to addition on new facility. Change project title from "Public Safety Facility" to "Police Station Addition". Split project into two phases: Phase I $6.4 million in 2024 and Phase II $10 million in 2030.

Note: Assumes costs for telephone system and door access will be included in this project as an item within the overall facility budget.

Previously authorized funding:
2017: Planning/Design/Engineering short-term remodel ($25,000 levy)
2018: Maintenance of Existing Facility short-term remodel ($100,000 F100 FB in lieu ERP)

12/31/18 fund balance: $112,035

Justification

As described in the Space Needs Analysis and Project Building Program study.

City of Fitchburg, WI

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	1,300,000	0	0		0						1,300,000
Land Acquisition	300,000										300,000
Construction of New Facilities/Additions		0	0		6,400,000						6,400,000
Maint of Existing Facilities (non-hwy, non-util)	0										0
Total	**1,600,000**	**0**	**0**		**6,400,000**						**8,000,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)	1,600,000	0	0		6,400,000						8,000,000
Capital Property Tax Levy	0										0
Total	**1,600,000**	**0**	**0**		**6,400,000**						**8,000,000**

Budget Impact/Other

Space Needs Study: Sewer and Water: $200--$300/mo. Natural gas: $.50/sq ft /year at 78,874 sq ft (new police bldg.)=$39,437. Electric: $1.25/sqft/year =$98,593

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance	0	0	0	0	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Other (Insurance, Utilities)	0	0	0	0	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Total	**0**	**0**	**0**	**0**	**85,000**	**85,000**	**85,000**	**85,000**	**85,000**	**85,000**	**510,000**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2198

Project Name Police Equipment - Revised

Type Equipment
Useful Life varies
Category Apparatus & Equipment
Department Police Department
Contact Police Chief
Priority 3 Important



Description

This project is used to consolidate the miscellaneous large equipment needs within the Department. Miscellaneous small items are included in either the operating budget or as a separate CIP project (if one-time costs are significant).

2020-2029 CIP Update: The 2021 and 2022 amounts approved in the prior CIP was based on 2018 quotes and did not include an inflation factor. Increased amounts by 3%/year to account for the inflation. Also updated the 2023 and 2028 future replacement costs based on 2018 actual costs of new equipment.

Upcoming projects and estimated timing, all funded by levy:
2021: speed trailer (21 years old in 2021)
2022: evidence drying cabinet (20 years old in 2022)
2023: 2 portable cameras (5 years old in 2023) - original purchase CIP #2143 (reduced from $40,500 to $33,000)
2028: 2 portable cameras (5 years old in 2028) - original purchase CIP #2143 (reduced from $47,000 to $38,000)

Justification

Regular equipment replacement is important in order to have accurage nad functioning equipment for Department use.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)		16,400	23,700	33,000					38,000		111,100
Total		**16,400**	**23,700**	**33,000**					**38,000**		**111,100**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy		16,400	23,700	33,000					38,000		111,100
Total		**16,400**	**23,700**	**33,000**					**38,000**		**111,100**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2199

Project Name Police Fleet Vehicles - Revised

Department Police Department
Contact Police Chief
Type Equipment
Useful Life varies
Category Apparatus & Equipment
Priority 2 Very Important

Description

The Police Department has a variety of fleet of cars that are used for patrol, training, investigations, court, etc. A listing of all of the vehicles is attached that includes replacement cost, trade-in value, net cost, useful life, and annualized cost. Timely replacement of these vehicles is necessary in order to have reliable vehicles for department use.

Note: Squads had not been included in this CIP project in 2019 and earlier because they had a life of 3 years. To qualify as capital, the life must be five years or more.

2019 - 2028 CIP Update: Added the replacement of the motorcycle ($2,600/year). Added another fleet vehicle in 2021 (net of $17,500 added in 2021 plus $2,500/year for replacement). Reduced life on K9 vehicle from 10 years to 7 years. Reduced life on on-duty CSU from 6 years to 5. Increased life on crime scene trailer from 20 years to 25 years.

2020-2029 CIP Update: We have added all department vehicles as purchases. When our leases run out on our patrol squads, we recommend purchasing these vehicles and all department vehicles moving forward. We will keep our patrol squads for 5-years instead of the current 3-years. Other changes: Revised the cost of the K9 vehicle from $50,000 to $75,500, Sergeant/Crime Scene Unit vehicle from $50,000 to $67,500, Fleet # 1709, 1708, 1701, and the new 2019 vehicle each from $25,000 to $30,000, and Crime Scene Trailer from $30,000 to $50,000. Added new additional fleet vehicles to 2020 & 2021 (not replacements) for $30,000 each. Increased the trade-in value of #1006 (van) from $3,000 to $5,000 and reduced the useful life from 15 to 10 years. Reduced the useful life of the Crime Scene Trailer from 25 years to 20 years and increased trade-in value from $2,000 to $5,000.

12/31/18 fund balance: $42,211 (accumulating resources for future vehicle replacements)

Justification

Beginning in 2018, a replacement fund concept is recommended for Police Department fleet vehicles. This strategy will allow the City to better plan for replacements while evening the spikes and valleys in the property tax levy needed for these cyclical replacements. An assumed inflation cost is used for budgeting purposes. Trade-in value is incorporated into the annualized cost but is not listed separately below. Cash flow has been analyzed to verify resources are expected to be available when purchases are made.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement Fund	73,564	208,383	214,634	221,073	227,705	234,536	241,572	248,819	256,284	263,973	2,190,543
Total	**73,564**	**208,383**	**214,634**	**221,073**	**227,705**	**234,536**	**241,572**	**248,819**	**256,284**	**263,973**	**2,190,543**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	73,564	208,383	214,634	221,073	227,705	234,536	241,572	248,819	256,284	263,973	2,190,543
Total	**73,564**	**208,383**	**214,634**	**221,073**	**227,705**	**234,536**	**241,572**	**248,819**	**256,284**	**263,973**	**2,190,543**

Budget Impact/Other

Operating costs for the additional fleet vehicle added in 2021 includes maintenance, fuel, insurance, etc.

City of Fitchburg, WI

2020-2029 CIP Update: Operating costs for the additional fleet vehicles added in 2020 and 2021 includes maintenance, fuel, insurance, etc.

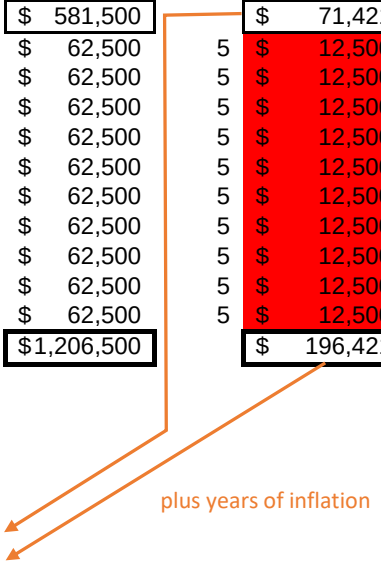
For the transition from leased to purchased squads, none of the operating accounts will be affected in 2020. In 2021, there will be an increase due to the leases of 6 vehicles not ending until the end of 2021 and needing to buy them out of the lease at the end of 2021. That is nearly a full year of lease payments plus the buyout. In 2022, the operating costs drop significantly as we will will only have 4 vehicles still on lease through the end of the year and then we will buy them out. After 2022, the operating cost for leased vehicles will be zero from there on out. There will be additional savings in 100-5210-355, as we are budgeting all equipment with the purchase of the vehicles in the CIP, therefore we will be removing the equipment from operating. See attached spreadsheet for more details.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Supplies/Materials		-6,000	-6,000								-12,000
Maintenance	2,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	70,000
Other (Insurance, Utilities)		-6,884	-89,712	-113,184	-113,184	-113,184	-113,184	-113,184	-113,184	-113,184	-888,884
Contractual Services - General Fund		-30,000	-20,000								-50,000
Small Equipment		49,020	10,180	-27,500	-27,500	-27,500	-27,500	-27,500	-27,500	-27,500	-133,300
Total	**2,500**	**13,636**	**-98,032**	**-133,184**	**-133,184**	**-133,184**	**-133,184**	**-133,184**	**-133,184**	**-133,184**	**-1,014,184**

City of Fitchburg
Police Fleet Replacement Fund Supporting Document
Created: May 2017
Last Revised: May 2019

Vehicle Name	Vehicle #	Replacement Cost (a),(b)	Trade-in Value (a)	Net Cost (a)	Useful Life	Annual Cost (a)	
K9 Squad	57	$ 72,500	$ 2,000	$ 70,500	7	$ 10,071	(e)
Community Service Employee	1304	$ 35,000	$ 2,000	$ 33,000	10	$ 3,300	
Fleet	1402	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	
Fleet	1503	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	
On-Duty Sgt./Crime Scene Unit	1710	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(e), (f)
Fleet	1709	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	(e)
Fleet	1708	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	(e)
Fleet Van	1006	$ 30,000	$ 5,000	$ 25,000	10	$ 2,500	(f), (g)
Animal Control Truck	1705	$ 40,000	$ 7,000	$ 33,000	10	$ 3,300	
Fleet	1701	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	(e)
Crime Scene Trailer	0	$ 50,000	$ 5,000	$ 45,000	20	$ 2,250	(e), (g)
Motorcycle	60	$ 30,000	$ 4,000	$ 26,000	10	$ 2,600	(d)
Fleet Vehicle	New	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	(d), (e)
Patrol Squad	1619	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(h)
Fleet Vehicle	New	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	(i)
Fleet Vehicle	New	$ 30,000	$ 2,000	$ 28,000	10	$ 2,800	(i)
2020 COST				$ 581,500		$ 71,421	
Patrol Squad	1712	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1713	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1814	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1815	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1816	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1817	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1918	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1920	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1921	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
Patrol Squad	1922	$ 67,500	$ 5,000	$ 62,500	5	$ 12,500	(j)
2021 AND BEYOND COST				$1,206,500		$ 196,421	

Inflation assumption	3.0%	(c)	
2018 allocated cost	actual		$ 34,950
2019 allocated cost	actual (d)		$ 44,761
2020 allocated cost	(e), (f), (g), (h), (i)		$ 73,564
2021 allocated cost	(j)		$208,383
2022 allocated cost			$214,634
2023 allocated cost			$221,073
2024 allocated cost			$227,705
2025 allocated cost			$234,536
2026 allocated cost			$241,572
2027 allocated cost			$248,819
2028 allocated cost			$256,284
2029 allocated cost			$263,973



highlighted changes from adopted CIP

(a) - All dollar values are based on 2018, when the replacement fund concept is initiated. These costs will be updated each year for major changes and thoroughly reviewed every five years.
(b) - Replacement cost includes the cost of the vehicle, along with equipment and change-over
(c) - Inflation estimate is consistent with the standard inflation factor used for other CIP projects.
(d) - New fleet added in 2019-2028 CIP process
(e) - Revised vehicle cost for 2019 estimates.
(f) - Increased trade-in value
(g) - Reduced useful life
(h) - New fleet added in 2019 via budget amendment
(i) - New fleet added in 2020-2029 CIP process
(j) - Proposed with the 2020-2029 CIP to transition from leased to purchased squads.

To: Misty Dodge

From: Chad Brecklin

Ref: Police Vehicles CIP Project

Date: May 16, 2019

The purpose of this memo is to provide background and information related to the Police Vehicles CIP project. As you know, over the last year I have spent considerable time examining the police department's current and future vehicle needs as well as the financial considerations relating to leasing or purchasing patrol vehicles. I intend to provide background on what the department is currently doing regarding acquisition of the vehicles in our fleet, identify whether leasing or buying vehicles is best for the City from a financial perspective, identify current and existing vehicle needs for the department, and identify the costs associated with this CIP project.

Leasing vs. Buying Vehicles

The police department currently uses a "hybrid" model of both leasing and purchasing to acquire the vehicles in our fleet. We have two categories of vehicles, patrol and fleet. A few vehicles do not necessarily fit either of these categories, such as specialty vehicles like the K9 vehicle and Critical Incident trailer. Historically, the department has always purchased fleet vehicles and leased patrol vehicles. Fleet vehicles are those vehicles typically used by investigative and command staff and by staff to attend training and court, if available. Patrol vehicles are the vehicles, both marked and unmarked, typically used by patrol officers and sergeants to carry out our patrol duties and responsibilities.

When we acquire fleet vehicles, we use State of Wisconsin contract pricing and purchase vehicles "off the lot", much like any consumer. Fleet vehicles are not designed for, nor do we use them for, the rigors of patrol functions. We usually keep fleet vehicles for ten years. Our fleet vehicles used by investigative and command staff often differ from the majority of police departments. Most police departments use patrol vehicles for investigative and command staff. Patrol vehicles are more expensive than the fleet vehicles we use. Additionally, most departments also replace these vehicles sooner than ten years.

When we acquire patrol vehicles, we lease the vast majority of these vehicles. We advertise each year that we are soliciting bids to lease a certain number of vehicles for a specified period. Historically, we have received only one qualified bidder. The patrol vehicles are usually leased for a three-year period.

In my evaluation of leasing versus buying, it appears as though buying all of our vehicles, including patrol vehicles, is a better financial decision for the City. There appear to be many disadvantages of leasing. These disadvantages include:

1) Staff time to request and evaluate bids and processing monthly lease invoices.
2) According to our City's insurance provider, the insurance payout for a totaled leased vehicle is less than the payout for an owned vehicle (additionally our City's insurance provider indicates we are their only client leasing vehicles).
3) The cumulative cost of the lease payments equals the approximate cost to buy the vehicles, yet we do not receive any residual cash value for the vehicle when the lease ends.

Buying all vehicles appears to offer advantages for the City. When we purchase a vehicle, we use previously negotiated State of Wisconsin contract pricing for the vehicles we wish to purchase. Using contract pricing does not necessitate requesting and evaluating bids since the State has already done so. Additionally, the City is processing one payment for the vehicle at the time of purchase instead of multiple payments over the course of the lease. According to our City's insurance provider, our insurance payout for a totaled vehicle will be higher for owned vehicles (the department had two totaled vehicles in 2018). Additionally, when the vehicle reaches its end of service the City will receive some cash residual value for the vehicle and/or equipment that could be used to offset the purchase price of the replacement vehicle.

When examining these factors relating to leasing versus buying, buying all of the department's vehicles is the most efficient use of staff time, better protects the City's investment from loss, and the overall cost of the vehicle, when residual cash value is considered, is less when the vehicle is purchased.

Additional Vehicles Proposed

The varied operational needs of the department can make it difficult to have the necessary number of vehicles to respond to the public safety needs of our community. A number of factors contribute to the department's vehicle needs. These factors include the number of personnel on patrol, critical-incidents, special events, investigative functions, command staff functions, court appearances, and training. Additionally, vehicles need regular maintenance, periodic mechanical repairs, and repair of crash damage making them unavailable at times due to the nature of the repair and length of time necessary to make the needed repair. It can be very challenging at times to have the necessary vehicles available to meet all of our operational needs.

I have evaluated the department's current and future needs for police vehicles using the factors listed above and the department's experience. The department has a current need for two vehicles. The department has a future need for three vehicles; however, those vehicles are not included in this current proposal. In addition, the department has an underutilized large van. As part of this plan, I am requesting approval to replace this van with a more useful and efficient seven or eight-passenger vehicle.

Financial Impact

In order to identify the costs associated with implementing this requested plan, I utilized the Police Fleet Replacement Fund Supporting Document provided by the Finance Department. The department's current purchasing plan for vehicles is already included in this document from last year's approved CIP process. The current number of leased patrol vehicles was added into this document as purchased vehicles, as well as the requested new purchases to meet current and future vehicle needs. Additionally, the cost of emergency lighting, the vast majority of necessary equipment inside the vehicles, and the teardown, installation, and set-up of the vehicles was included in the cost estimates. Including these costs also places the vehicle equipment on a replacement schedule that provides a consistent annual budget cost and minimizes occurrences of varying budget cost annually.

In addition to requesting to purchase a more useful vehicle to replace the large van, other adjustments were made to minimize the financial impact of this plan. The most notable change proposed under this plan is to increase the service life of patrol vehicles from three years to five years. In evaluating the

length of service for patrol vehicles, I believe it is reasonable to extend the service life by two years in order to better maximize the value of the vehicle and the equipment.

Proposed Phase-In Approach

Under this proposed plan of purchasing all department vehicles, I also am requesting to purchase our patrol vehicles as their lease ends. Purchasing vehicles as their lease ends is significantly less expensive than buying a new patrol vehicle. The service life of the vehicle and the equipment in/on the vehicle is extended as well. The estimated cost of buying an equipped patrol vehicle at the end of its lease is approximately $8,200 versus buying a new patrol vehicle and related equipment at approximately $67,500.

One challenge associated with this requested plan is the operational budget savings are not realized until 2022 due to the structure of the lease agreements. We will need to continue to budget for the lease payments for the next three operational budget years, although those lease payments will decline from approximately $113,000 in 2020 and 2021 to approximately $50,000 in 2022 and to zero in 2023. There will also be cost savings in the operational budget due to the reduction in changeover and equipment costs. There will be increases necessary in the operating budget to purchase the cars at the end of their lease and for the operating costs (gas, oil changes, tires, etc.) of the vehicles added to our fleet. Overall, I estimate the operating budget impacts as follows: 2020 - an increase of $2,500 for new vehicle operating costs, 2021 – an overall increase of $20,500 for the cost of purchasing vehicles ending their lease and new vehicle operating costs (partially offset by one less lease payment on the six vehicles being purchased), and 2022 – an overall decrease of $98,000 due to a significant number of vehicles no longer on lease.

In summary, I have shared the results of the evaluation conducted on the police department's fleet needs and the costs associated with acquiring and equipping our vehicles. Based upon this evaluation, I also believe purchasing all department vehicles to meet our needs is a better option for the taxpayers of Fitchburg. While costs increase in the short term to implement this plan, the forecast of estimated costs demonstrate projected savings as the years go on. If you have any questions in advance of the CIP budget meetings, please feel free to contact me.

Operating Costs (CIP #2199 - Police Fleet Replacement Fund)

2020

	1712	1713	1814	1815	1816	1817	1918	1919	1920	1921	Total	
Lease costs - 260	$ 9,648	$ 9,648	$ 11,736	$ 11,736	$ 11,736	$ 11,736	$ 11,736	$ 11,736	$ 11,736	$ 11,736	$ 113,184	$ -
Expenses for new 2020 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
												$ 2,500
												$ 2,500

2021

	1712	1713	1814	1815	1816	1817	1918	1919	1920	1921	Total	
Lease costs - 260	$ 8,844	$ 8,844	$ 10,417	$ 10,417	$ 10,417	$ 10,417	$ 11,736	$ 11,736	$ 11,736	$ 11,736	$ 106,300	$ (6,884)
Buyouts - 335 on 12/1/21	$ 8,170	$ 8,170	$ 8,170	$ 8,170	$ 8,170	$ 8,170					$ 49,020	
Changeover savings - 335	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)					$ (30,000)	
Graphics savings - 355	unmarked	unmarked	$ (1,500)	$ (1,500)	$ (1,500)	$ (1,500)					$ (6,000)	
Expenses for new 2020 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
Expenses for new 2021 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
Expenses for new 2021 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	$ 20,520
												$ 13,636

2022

	1712	1713	1814	1815	1816	1817	1918	1919	1920	1921	Total	
Lease costs - 260	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,868	$ 5,868	$ 5,868	$ 5,868	$ 23,472	$ (89,712)
Buyouts - 335 on 7/1/22							$ 8,170	$ 8,170	$ 8,170	$ 8,170	$ 32,680	
Changeover savings - 335							$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)	$ (20,000)	
Graphics savings - 355							$ (1,500)	$ (1,500)	$ (1,500)	$ (1,500)	$ (6,000)	
Equipment savings - 355											$ (22,500)	
Expenses for new 2020 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
Expenses for new 2021 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
Expenses for new 2021 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	$ (8,320)
												$ (98,032)

2023 & beyond

	1712	1713	1814	1815	1816	1817	1918	1919	1920	1921	Total	
Lease costs - 260	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (113,184)
Equipment savings - 355											$ (27,500)	
Expenses for new 2020 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
Expenses for new 2021 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	
Expenses for new 2021 Fleet Vehicle (gas, oil changes, tires, tire changes, car washes, insurance)											$ 2,500	$ (20,000)
												$ (133,184)

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Fire Department												
Air/Light/Rehab Vehicle Replacement - Revised	2229							482,000				*482,000*
Capital Property Tax Levy								***432,000***				***432,000***
Sale/Trade In (non-hwy, non-util)								***50,000***				***50,000***
Replace Water Tenders (T1 & T2)	2233			701,000								*701,000*
Borrowing (non-util, GO debt)				***601,000***								***601,000***
Sale/Trade In (non-hwy, non-util)				***100,000***								***100,000***
Command Unit Replacement - Revised	2239								334,000			*334,000*
Capital Property Tax Levy									***284,000***			***284,000***
Sale/Trade In (non-hwy, non-util)									***50,000***			***50,000***
Fire Engine Replacement	2250					1,645,000						*1,645,000*
Borrowing (non-util, GO debt)						***1,230,000***						***1,230,000***
Sale/Trade In (non-hwy, non-util)						***415,000***						***415,000***
Replacement of SCBA & Related Equipment - Revised	2254						136,000			468,000		*604,000*
Capital Property Tax Levy							***136,000***			***468,000***		***604,000***
Replacement of Extrication Equip	2256								75,000			*75,000*
Capital Property Tax Levy									***75,000***			***75,000***
Replacement of Fire Department Squad - Revised	2260	609,000	39,000									*648,000*
Borrowing (non-util, GO debt)		***604,000***										***604,000***
Capital Property Tax Levy			***39,000***									***39,000***
Sale/Trade In (non-hwy, non-util)		***5,000***										***5,000***
Portable/Mobile Radio Upgrade	2265		526,500									*526,500*
Borrowing (non-util, GO debt)			***526,500***									***526,500***
Fire Dept Fleet Replacement - Revised	2299	32,056	33,018	34,009	35,029	36,080	37,162	38,277	39,425	40,608	41,826	*367,490*
Capital Property Tax Levy		***32,056***	***33,018***	***34,009***	***35,029***	***36,080***	***37,162***	***38,277***	***39,425***	***40,608***	***41,826***	***367,490***
Fire Department Total		**641,056**	**598,518**	**735,009**	**35,029**	**1,681,080**	**173,162**	**520,277**	**448,425**	**508,608**	**41,826**	***5,382,990***
GRAND TOTAL		**641,056**	**598,518**	**735,009**	**35,029**	**1,681,080**	**173,162**	**520,277**	**448,425**	**508,608**	**41,826**	***5,382,990***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2229

Project Name Air/Light/Rehab Vehicle Replacement - Revised

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 20 Years
Category Apparatus & Equipment
Priority 3 Important

Description

Replace the Air/Light/Rehab vehicle.

2020-2029 CIP Update: Project delayed one year from 2025 to 2026.

Justification

The Air/Light/Rehab vehicle is assigned to all major alarms to provide scene lighting, SCBA bottle recharging, and personnel rehabilitation (rehab provides incident managers an opportunity to evaluate the condition of firefighters before they are re-committed into a high threat environment). This vehicle is also during incident overhaul and fire investigation.

Typically, this type of vehicle can serve its purpose for a 20 year period. Mechanical reliability starts effecting our maintenance budget as we keep a vehicles in service past their useful life. In 2025, this vehicle will be 21 years old.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)							482,000				482,000
Total							**482,000**				**482,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy							432,000				432,000
Sale/Trade In (non-hwy, non-util)							50,000				50,000
Total							**482,000**				**482,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2233

Project Name Replace Water Tenders (T1 & T2)

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 15 years
Category Apparatus & Equipment
Priority 3 Important

Description

Replacement of Water Tender Vehicles at both stations. (Total of two vehicles)

Previously authorized funding:
2006/2007: $315,500 Tanker 80 & 81 ($307,500 borrowing; $8,000 sale)

Justification

Water Tenders are used to shuttle water in non-hydranted areas. Typically, these vehicles carry over 2000 gallons of water (each). The Fitchburg Fire Department uses its Tenders on all rural fires, car fires (when hydrants are not available), brush fires, and homes with long driveways. Tenders are also used when hydrant pressure is too low to sustain a firefighting effort. In 2022, our Tenders will be 17 years old- This CIP request is intended to address the need for replacement due to vehicle age and reliability.

Purchasing vehicles together, provides the Fitchburg Fire Department with an opportunity to specify vehicles in a way that reduces the potential of operator error- due to uniform training on like equipment. It also provides the City with an opportunity to save money due to a common specification.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)			701,000								701,000
Total			**701,000**								**701,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)			601,000								601,000
Sale/Trade In (non-hwy, non-util)			100,000								100,000
Total			**701,000**								**701,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2239

Project Name Command Unit Replacement - Revised

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 15 years
Category Apparatus & Equipment
Priority 3 Important

Description

The Command Unit is deployed on large scale incidents that require a command presence for an extended period of time. This vehicle has been used during major fires, explosions, crime scene investigation, fire investigation, missing person searches, natural disasters, and large scale event standby. Fitchburg's Command Unit has be requested throughout the County to serve as a unified command post.

The Fire Department intends on working with the Police Department and Fitchburg Emergency Management to design and fund a vehicle that will serve multiple Fitchburg departments during a variety of incidents/events.

2020-2029 CIP Update: Project delayed one year from 2026 to 2027

Justification

In 2026, the current Command Unit will be 16 years old. Radio technology and the development of a formalized command process will drive the necessity of replacement.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)								334,000			334,000
Total								**334,000**			**334,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy								284,000			284,000
Sale/Trade In (non-hwy, non-util)								50,000			50,000
Total								**334,000**			**334,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2250

Project Name Fire Engine Replacement

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 10 years
Category Apparatus & Equipment
Priority 2 Very Important

Description

Periodic replacement of the Fire Department's two reserve triple-combination pumpers ("engines"), two Rosenbauer engines (Engines 06a and 06b) purchased in 2005. The Department has been using a 5-year primary and 5-year reserve rotation for its engines, but based on the improved performance and reduced maintenance costs associated with the two Pierce Engines that these two engines will be replacing as primary, the Department is recommending the replacement schedule be adjusted to 7-Year primary and 7-Year reserve. Current vehicles (Engines 11a and 11b) will be kept as the reserve apparatus. The current reserve vehicles (Engines 06a and 06b) will be sold upon delivery of the new vehicles, and proceeds from the sale will be used towards funding for the new vehicles. Proceeds from the sale of the used vehicles is estimated at $50,000 each.

Average costs for new fire apparatus are anticipated to increase approximately 3% year over year from current costs, and also need to compensate for an estimated $35,000 per vehicle impact of new emission standards.

2014 Update: Estimated costs for new fire engines were updated. Average costs for new fire apparatus are anticipated to increase approximately 5% year over year from current costs. The annual anticipated increase is to buffer items like EPA and NFPA costs that are unknown at this time.

2014 Update: Moved from 2017 to 2018

2015 Update: Estimated costs for new fire engines were updated. Average costs for new fire apparatus are anticipated to increase approximately 5% year over year from current costs. The annual anticipated increase is to buffer items like EPA and NFPA costs that are unknown at this time.

2017-2021 CIP Update: Expenditures adjusted to reflect an estimated 4% annual increase from the year of project introduction. Next set of engines would be purchased in 2023 with 5 year life.

2018-2027 CIP Update: Engine replacement costs have come in lower than initial estimates. Also, propose reducing the number of engines in the fleet from four to three by selling one additional engine in 2018. Going forward will buy two and sell two but sale proceeds should be higher because one of the two will be a newer engine.

In 2024 purchase two new fire engines ($776,500.00 ea). Replace a 13 year old engine and a 6 year old engine.

Prior funding authorized:
2005: $775,000 (borrowing) - CIP #2218 & #2219
2010: $900,000 ($850,000 borrowing; $50,000 sale) - CIP #2239

Justification

The current reserve apparatus will be 12-years old, and consistent with activity levels of cities similar to the City of Fitchburg and the performance and maintenance history of the Department's current Pierce Engines, the Department is recommending moving from a 10-year life expectancy to a 14-year expectancy; 7-years as a primary response apparatus and 7-years as a reserve apparatus.

The Department replaces its engines in pairs for the following reasons:

- Saving significant amounts of staff time by only having to manage one procurement process (spec writing, bidding, bid evaluation, contract negotiations, factory visits, and construction management).
- Cost savings for the purchase of two similar vehicles at the same time.
- Significant operational value, especially for a part-volunteer type department, of having both front-line engines (Stations 1 and 2) built and operate the same way. This cuts down tremendously on training having to only train personnel on one engine, and then being able to move personnel and apparatus between stations without having to worry about who is trained on which vehicle.

2018-2027 CIP Update: Purchasing two engines at a time allows us to maintain a common specification for both stations. It reduces training variables and improves performance through a standardized approach. By selling two engines, we will maintain three engines in the inventory (two primary and one back-up). Selling one of our six year old engines will provide us with the ability to earn a higher return on used equipment while maintaining the other six year old engine (selecting the engine that provides the most promise for limited mechanical issues). Further, it reduces our exposure to the expense of equipment maintenance.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)					1,645,000						1,645,000
Total					**1,645,000**						**1,645,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)					1,230,000						1,230,000
Sale/Trade In (non-hwy, non-util)					415,000						415,000
Total					**1,645,000**						**1,645,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2254

Project Name Replacement of SCBA & Related Equipment - Revised

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 10 Years
Category Apparatus & Equipment
Priority 3 Important

Description

Replacement of the Fire Department's Self Contained Breathing Apparatus (SCBAs) and breathing air bottles worn by firefighters who are entering a hazard zone. The current SCBAs and breathing air bottles have a 7-10 year primary service life for a Department with Fitchburg's level of activity.

The SCBA Air Compressor is used to fill the bottles that firefighters wear into a fire. It provides clean air that has been filtered from air borne particles that could cause damage to the firefighters respiratory system (if inhaled). Useful life of the compressors is 20 years.

2020-2029 CIP Update: SCBA compressor delayed one year from 2024 to 2025 and added ~4% to account for inflation

Upcoming projects and timing:
2025: SCBA compressor $136,000 (levy) - delayed one year, previously $131,000
2028: 38 SCBA packs and cyclinders $468,000 (levy)

Prior funding authorized:
2007: $210,240 debt (CIP#2243)
2018: $338,000 - 38 packs, 96 air bottles, 81 facepieces, 81 voice amplifiers (debt/sale)

Justification

Self Contained Breathing Apparatus (SCBA) is arguably one of the most important pieces of personal protective equipment. SCBA is worn daily and required in every IDLH (Immediately Dangerous to Life and Health) environment. Dependability is important to predictable outcomes- SCBA Units are inspected regularly and maticulously maintained; however, regular use takes its toll and we expect a 10 year life span on equipment that is exposed to extreme enviornments. It is also likely that, over 10 years, safety standards will change and equipment will have to adapt to unforseen changes in equipment specification.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)						136,000			468,000		604,000
Total						**136,000**			**468,000**		**604,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy						136,000			468,000		604,000
Total						**136,000**			**468,000**		**604,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2256

Project Name Replacement of Extrication Equip

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 10 years
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

Replacement of Extrication Tools for extraction and rescue

Prior funding authorized:
2015: $123,500 ($108,500 borrowing; $15,000 sale)

Justification

The Fire Department regularly uses extrication tools to extricate patients from vehicle collisions, farm accidents, machinery entrapments, structural collapse, and other rescue events where spreading and cutting tools are needed. As vehicles and building components become stronger and more resistant to force, it's imperative to address the requirements of the rescue and the capabilities of the tools needed for that rescue. Tools designed and manufactured today may not be strong enough to address the needs of future rescues. Tools have improved over the past decade and continue to improve to meet the demands of the evolving rescue environment. The intent of this CIP is to set a place for future specification requirements.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)								75,000			75,000
Total								**75,000**			**75,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy								75,000			75,000
Total								**75,000**			**75,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2260

Project Name Replacement of Fire Department Squad - Revised

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 15 years
Category Apparatus & Equipment
Priority 3 Important

Description

This project involves the replacement of the fire department's 2000 Spartan chassis (with a 2000 Saulsbury custom-built squad body) with another custom built chassis. The squad body layout is still ideal for the operations of the department, but would need to be refurbished and placed on the new chassis. Refurbished items would consist of: new electrical wiring, reconditioning of internal compartments, new roll-up doors, new LED internal and external lighting.

2017-2021 CIP Update: Expenditures adjusted to reflect an estimated 4% annual increase from the year of project introduction. Also includes new Hurst extrication equipment ($39,000) for the year following the purchase of the squad, due to the one year build-out timeline.

2020-2029 CIP Update: Total cost of the equipment remains the same but the resale value of old equipment has decreased from $30,000 to $5,000.

Justification

By purchasing this vehicle, the fire department will be able to provide the vital functions of a Squad Company, which are: Vehicle Extrication; Search and Rescue; Ventilation; Overhaul; Salvage; and Firefighter Rescue Operations. The replacement of the chassis would enable the department to comply with current applicable safety standards of the National Fire Protection Association Standard 1901, Standard for automotive fire apparatus. This standard has required increased safety for the firefighters in the cab. The squad is also designed to provide on-scene power and area lighting to public safety scenes (fires, traffic crashes, law enforcement assistance). The squad also will have an on-board self-contained breathing apparatus (SCBA) breathing air cascade system with spare SCBA bottles. This provides on-scene breathing air that the firefighters use when operating in oxygen deficient areas.

2017-2021 CIP Update: With Squad 2 chasis replacement and squad box refurbishment, the on-board extrication systems would need to be removed and remounted. Instead of mounting old equipment that would require permanent placement, the fire department has identified efficiencies with battery powered equipment. The equipment would be compatible with equipment currently in Ladder 1, Engine 1, and Engine 2's inventory.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	609,000	39,000									648,000
Total	**609,000**	**39,000**									**648,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)	604,000										604,000
Capital Property Tax Levy		39,000									39,000
Sale/Trade In (non-hwy, non-util)	5,000										5,000
Total	**609,000**	**39,000**									**648,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2265

Project Name Portable/Mobile Radio Upgrade

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life 10 years
Category Equipment Replace/ Resurface Pgm
Priority 3 Important

Description

Improve emergency communication capacity through technological advances. Replace existing/outdated equipment. The Fire Department will upgrade portable and mobile radios to reflect advances in communication equipment.

Justification

In order to address the advances in technology, the Fitchburg Fire Department will evaluate radio inventory every 10 years. 10 years is the typical lifespan for portable/mobile radio equipment. Maintenance, servicability, and reliability will be evaluated when addressing the need for replacement. The current radio inventory was purchased in 2011.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)		526,500									526,500
Total		**526,500**									**526,500**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)		526,500									526,500
Total		**526,500**									**526,500**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2299

Project Name Fire Dept Fleet Replacement - Revised

Department Fire Department
Contact Fire Chief
Type Equipment
Useful Life varies
Category Apparatus & Equipment
Priority 2 Very Important

Description

The Fire Department has a variety of fleet of cars that are used for training, inspections, and emergency response. A listing of all of the vehicles is attached that includes replacement cost, trade-in value, net cost, useful life, and annualized cost. Timely replacement of these vehicles is necessary in order to maintain a fleet that is mechanically sound for emergency readiness.

2020-2029 CIP Update: Decreased cost of one car from $48,000 to $38,000.

Justification

Beginning in 2018, a replacement fund concept is recommended for Fire Department fleet vehicles. This strategy will allow the City to better plan for replacements while evening the spikes and valleys in the property tax levy needed for these cyclical replacements. An assumed inflation cost is used for budgeting purposes. Trade-in value is incorporated into the annualized cost but is not listed separately below. Cash flow has been analyzed to verify resources are expected to be available when purchases are made.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	32,056	33,018	34,009	35,029	36,080	37,162	38,277	39,425	40,608	41,826	367,490
Total	**32,056**	**33,018**	**34,009**	**35,029**	**36,080**	**37,162**	**38,277**	**39,425**	**40,608**	**41,826**	**367,490**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	32,056	33,018	34,009	35,029	36,080	37,162	38,277	39,425	40,608	41,826	367,490
Total	**32,056**	**33,018**	**34,009**	**35,029**	**36,080**	**37,162**	**38,277**	**39,425**	**40,608**	**41,826**	**367,490**

Budget Impact/Other

City of Fitchburg
Fleet Replacement Fund Supporting Document
Created: 5/24/17

Vehicle Name	Vehicle #	Replacement Cost (a),(b)	Trade-in Value (a)	Net Cost (a)	Useful Life	Annual Cost
Station #1 Staff Car	C21	$ 66,078	$ 2,000	$ 64,078	10	$ 6,408
Pick-Up	C22	$ 43,000	$ 3,000	$ 40,000	10	$ 4,000
Fire Chief	C23	$ 38,000	$ 2,000	$ 36,000	10	$ 3,600
Dep Chief Car	C24	$ 48,000	$ 2,000	$ 46,000	10	$ 4,600
Station #2 Staff Car	C25	$ 66,078	$ 2,000	$ 64,078	10	$ 6,408
Brush Truck	B1	$ 55,000	$ 3,000	$ 52,000	10	$ 5,200
				$ 302,156		$ 30,216
Inflation assumption	3.0%	(c)				
2018 allocated cost	actual	$ 31,216				
2019 allocated cost	actual	$ 32,152				
2020 allocated cost		$ 32,056				
2021 allocated cost		$ 33,018				
2022 allocated cost		$ 34,009				
2023 allocated cost		$ 35,029				
2024 allocated cost		$ 36,080				
2025 allocated cost		$ 37,162				
2026 allocated cost		$ 38,277				
2027 allocated cost		$ 39,425				
2028 allocated cost		$ 40,608				
2029 allocated cost		$ 41,826				
2030 allocated cost		$ 43,081				
2031 allocated cost		$ 44,373				
2032 allocated cost		$ 45,704				
2033 allocated cost		$ 47,075				



highlighted changes from adopted CIP

(a) - All dollar values are based on 2018, when the replacement fund concept is initiated. These costs will be updated each year for major changes and thoroughly reviewed every five years.
(b) - Replacement cost includes the cost of the vehicle, along with equipment and change-over costs.
(c) - Inflation estimate is based on the typical annual increase experienced with fleet purchases.

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Public Works - B&G												
Oak Hall AV - Revised	1720								25,000			*25,000*
Capital Property Tax Levy									***25,000***			***25,000***
Early Warning Sirens	2238					29,705						*29,705*
Capital Property Tax Levy						***29,705***						***29,705***
Parking Lot Resurfacing - Revised	6262	57,330	75,197	78,207	66,367	69,686	73,170	76,828	80,670	84,704	88,939	*751,098*
Capital Property Tax Levy		***57,330***	***75,197***	***78,207***	***66,367***	***69,686***	***73,170***	***76,828***	***80,670***	***84,704***	***88,939***	***751,098***
City Campus Building Systems Replacement - Revised	6302	79,568	81,955	84,413	86,946	89,554	92,241	95,008	197,858	175,794	103,818	*1,087,155*
Capital Property Tax Levy		***79,568***	***81,955***	***84,413***	***86,946***	***89,554***	***92,241***	***95,008***	***197,858***	***175,794***	***103,818***	***1,087,155***
Maintenance Facility Bldg Sys Replace	6304	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606	*304,050*
Capital Property Tax Levy		***26,522***	***27,318***	***28,138***	***28,982***	***29,851***	***30,747***	***31,669***	***32,619***	***33,598***	***34,606***	***304,050***
Public Works - B&G Total		**163,420**	**184,470**	**190,758**	**182,295**	**218,796**	**196,158**	**203,505**	**336,147**	**294,096**	**227,363**	***2,197,008***
Public Works - General												
GIS System - Revised	2014	10,000			15,000	20,000	23,000	10,000			10,000	*88,000*
Capital Property Tax Levy		***2,000***			***3,000***	***4,000***	***4,600***	***2,000***			***2,000***	***17,600***
Utility - Rates (sewer)		***250***			***375***	***6,000***	***575***	***250***			***250***	***7,700***
Utility - Rates (stormwater)		***7,500***			***11,250***	***4,000***	***17,250***	***7,500***			***7,500***	***55,000***
Utility - Rates (water)		***250***			***375***	***6,000***	***575***	***250***			***250***	***7,700***
Public Works Equipment Replace - Revised	3101	195,000	109,000	501,500	364,500	335,000	449,800	596,000	404,200	367,720	279,000	*3,601,720*
Capital Property Tax Levy		***131,000***	***79,500***	***255,000***	***272,000***	***247,500***	***400,300***	***511,000***	***318,000***	***192,500***	***268,000***	***2,674,800***
Sale/Trade In (hwy)		***0***	***3,500***	***12,000***	***24,000***	***17,000***	***19,500***	***43,000***	***30,000***	***25,500***	***7,000***	***181,500***
Sale/Trade In (non-hwy, non-util)		***5,000***	***1,000***	***8,000***	***21,000***	***31,500***	***17,200***	***12,000***	***13,000***	***5,000***	***4,000***	***117,700***
Utility - Rates (stormwater)		***14,500***		***185,000***								***199,500***
Utility - Rates (water)		***43,000***	***23,000***	***1,000***	***35,000***	***36,000***	***12,300***	***30,000***	***38,200***	***130,220***		***348,720***
Utility - Sale/Trade In (storm)		***500***		***40,000***								***40,500***
Utility - Sale/Trade In (W&S)		***1,000***	***2,000***	***500***	***12,500***	***3,000***	***500***	***0***	***5,000***	***14,500***		***39,000***
Plow Fleet Replacement - New	3199	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	*2,559,456*
Capital Property Tax Levy		***204,500***	***210,635***	***241,143***	***248,377***	***255,828***	***263,503***	***271,408***	***279,550***	***287,937***	***296,575***	***2,559,456***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Public Works - General Total		**409,500**	**319,635**	**742,643**	**627,877**	**610,828**	**736,303**	**877,408**	**683,750**	**655,657**	**585,575**	***6,249,176***
Public Works - Parks												
Bike Roundabout Repairs - New	4716		200,000									*200,000*
Capital Property Tax Levy			***50,000***									***50,000***
Utility - Rates (stormwater)			***150,000***									***150,000***
Public Works - Parks Total			**200,000**									***200,000***
Public Works - Sewer												
Syene Interceptor Extension	4638	200,000							1,000,000			*1,200,000*
Utility - Assessed (sewer)		***200,000***							***1,000,000***			***1,200,000***
Public Works - Sewer Total		**200,000**							**1,000,000**			***1,200,000***
Public Works - Storm												
Stormwater Pond Dredging and Retrofits - Revised	4702	650,000	375,000	366,000	305,000	118,000	123,000	128,000	133,000	138,000	143,000	*2,479,000*
Utility - Rates (stormwater)		***650,000***	***375,000***	***366,000***	***305,000***	***118,000***	***123,000***	***128,000***	***133,000***	***138,000***	***143,000***	***2,479,000***
Uptown Wet Pond - Revised	4705	35,000	350,000	37,000	25,000	10,000						*457,000*
Utility - Assessed (storm)		***35,000***	***350,000***	***37,000***	***25,000***	***10,000***						***457,000***
Greenway Restoration & Pond Enlargement - Revised	4708	10,000										*10,000*
Utility - Rates (stormwater)		***10,000***										***10,000***
Traceway Drive Storm Sewer Reroute - Revised	4711				34,000	225,000	15,000	10,000	5,000			*289,000*
Utility - Rates (stormwater)					***34,000***	***225,000***	***15,000***	***10,000***	***5,000***			***289,000***
Fitchrona Road Stormwater Improvements - Revised	4713	55,000	169,500									*224,500*
Contribution from Other Entities		***10,000***	***56,500***									***66,500***
Grants/Donations (non-util)		***10,000***	***56,500***									***66,500***
Utility - Rates (stormwater)		***35,000***	***56,500***									***91,500***
Drainage and Flooding Improvements	4714	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	*413,274*
Utility - Rates (stormwater)		***36,050***	***37,132***	***38,245***	***39,393***	***40,575***	***41,792***	***43,046***	***44,337***	***45,667***	***47,037***	***413,274***
Curry Court Flooding - New	4717				40,000	45,000	560,000					*645,000*
Capital Property Tax Levy							***50,000***					***50,000***
Utility - Assessed (storm)							***110,000***					***110,000***
Utility - Rates (stormwater)					***40,000***	***45,000***	***400,000***					***485,000***
Lake Barney Watershed - New	4718	60,000	60,000	60,000	350,000	900,000						*1,430,000*
Utility - Borrowing (storm)					***300,000***	***900,000***						***1,200,000***
Utility - Rates (stormwater)		***60,000***	***60,000***	***60,000***	***50,000***							***230,000***
Upsize Schumann Drive Storm Sewer - New	4719						800,000					*800,000*
Utility - Borrowing (storm)							***800,000***					***800,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Seminole Glen Park Pond - New	4720	12,000										*12,000*
Utility - Rates (stormwater)		***12,000***										***12,000***
Stormwater Pump - New	4721	100,000										*100,000*
Utility - Rates (stormwater)		***100,000***										***100,000***
TMDL Modeling - New	4722	130,000										*130,000*
Utility - Grants/Donations		***65,000***										***65,000***
Utility - Rates (stormwater)		***65,000***										***65,000***
Lacy/Seminole Regional Stormwater - New	4723	300,000		3,190,100								*3,490,100*
TIF #9		***225,000***		***2,393,000***								***2,618,000***
Utility - Borrowing (storm)				***797,100***								***797,100***
Utility - Rates (stormwater)		***75,000***										***75,000***
Lacy/Seminole Storm Ponds for Roads - New	4724	157,350	891,650									*1,049,000*
TIF #9		***157,350***	***891,650***									***1,049,000***
Public Works - Storm Total		**1,545,400**	**1,883,282**	**3,691,345**	**793,393**	**1,338,575**	**1,539,792**	**181,046**	**182,337**	**183,667**	**190,037**	***11,528,874***
Public Works - Streets												
Intersection Signalization - Revised	3103	350,000										*350,000*
Capital Property Tax Levy		***175,000***										***175,000***
Contribution from Other Entities		***175,000***										***175,000***
Street Resurfacing Program - Revised	3319	1,084,050	1,071,082	1,938,434	1,577,147	1,187,182	1,303,217	1,287,254	1,404,291	1,387,330	1,483,370	*13,723,357*
Assessed (non-util, non-debt)		***36,050***	***36,082***	***36,114***	***36,147***	***36,182***	***36,217***	***36,254***	***36,291***	***36,330***	***36,370***	***362,037***
Borrowing (non-util, GO debt)		***100,000***	***75,000***	***50,000***	***25,000***							***250,000***
Capital Property Tax Levy		***788,000***	***858,000***	***928,000***	***998,000***	***1,068,000***	***1,113,000***	***1,158,000***	***1,203,000***	***1,248,000***	***1,272,000***	***10,634,000***
Grants/Donations (non-util)			***65,000***		***66,000***		***66,000***		***67,000***		***67,000***	***331,000***
Other (describe)		***15,000***	***20,000***	***25,000***	***30,000***	***35,000***	***40,000***	***45,000***	***50,000***	***55,000***	***60,000***	***375,000***
Utility - Rates (sewer)		***68,500***	***6,000***	***241,660***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***463,160***
Utility - Rates (stormwater)		***8,000***	***5,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***6,000***	***61,000***
Utility - Rates (water)		***68,500***	***6,000***	***651,660***	***395,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***21,000***	***1,247,160***
Herman Road Realignment/Extension - Deleted	3365						0					*0*
Borrowing (non-util assess)							***0***					***0***
Capital Property Tax Levy							***0***					***0***
Syene Road - McCoy Road N to City limit - Rev	3367					90,000	700,000					*790,000*
Capital Property Tax Levy						***90,000***	***350,000***					***440,000***
Grants/Donations (non-util)							***350,000***					***350,000***
S. Syene-McCoy to Lacy Rd	3368	580,000	6,440,000									*7,020,000*
Borrowing (non-util, GO debt)		***580,000***	***5,640,000***									***6,220,000***
TIF #4			***800,000***									***800,000***
Traffic Calming Program - Revised	3450	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	*210,000*
Capital Property Tax Levy		***30,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***20,000***	***210,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Lacy-MM Intersection Improve and Signal - Revised	3469	245,000										*245,000*
Capital Property Tax Levy		***88,125***										***88,125***
Contribution from Other Entities		***68,750***										***68,750***
Other (describe)		***88,125***										***88,125***
Fish Hatchery Road Left Turn Lane - Revised	3474	47,700										*47,700*
Capital Property Tax Levy		***11,925***										***11,925***
TIF #4		***35,775***										***35,775***
Update Street Lighting - New	3479	8,150	26,000	26,000	26,000							*86,150*
Capital Property Tax Levy		***8,150***	***26,000***	***26,000***	***26,000***							***86,150***
McKee Road Reconstruction Phase II - Revised	3481	8,600,000										*8,600,000*
Assessed (non-util, non-debt)		***0***										***0***
Borrowing (non-util, GO debt)		***2,000,000***										***2,000,000***
Contribution from Other Entities		***550,000***										***550,000***
Grants/Donations (non-util)		***3,485,000***										***3,485,000***
TIF #6		***2,449,000***										***2,449,000***
Utility - Rates (sewer)		***42,000***										***42,000***
Utility - Rates (water)		***74,000***										***74,000***
Sidewalk and Path Maint/Improve - Revised	3486	96,000	98,510	101,035	103,576	106,134	108,708	111,299	113,908	116,535	119,181	*1,074,886*
Assessed (non-util, non-debt)		***30,000***	***30,300***	***30,609***	***30,927***	***31,255***	***31,593***	***31,941***	***32,299***	***32,668***	***33,048***	***314,640***
Capital Property Tax Levy		***66,000***	***68,210***	***70,426***	***72,649***	***74,879***	***77,115***	***79,358***	***81,609***	***83,867***	***86,133***	***760,246***
Fish Hatchery Road Resurfacing - Revised	3488	4,521,825	210,000									*4,731,825*
Borrowing (non-util, GO debt)		***18,194***										***18,194***
Capital Property Tax Levy			***210,000***									***210,000***
Contribution from Other Entities		***8,237,072***										***8,237,072***
TIF borrowing		***-2,787,141***										***-2,787,141***
Utility - Rates (sewer)		***-775,000***										***-775,000***
Utility - Rates (stormwater)		***-121,300***										***-121,300***
Utility - Rates (water)		***-50,000***										***-50,000***
Seminole Highway (Lacy - Schumann) - Deleted	3490						0	0	0			*0*
Borrowing (non-util, GO debt)							***0***	***0***	***0***			***0***
TIF #9							***0***	***0***	***0***			***0***
Fitchrona Rd (Lacy to Nesbitt) - New	3492		150,000	130,000	900,000							*1,180,000*
Assessed (non-util, non-debt)					***33,000***							***33,000***
Borrowing (non-util, GO debt)			***75,000***	***130,000***	***547,000***							***752,000***
Contribution from Other Entities			***75,000***		***320,000***							***395,000***
Fitchrona Rd (Whalen to Lacy) - New	3493				540,000							*540,000*
Capital Property Tax Levy					***270,000***							***270,000***
Contribution from Other Entities					***270,000***							***270,000***
Lacy Rd (Fitchrona to Seminole) - New	3494	806,900	4,572,400									*5,379,300*
Borrowing (non-util, GO debt)			***813,600***									***813,600***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
TIF #9		***806,900***	***3,037,200***									***3,844,100***
Utility - Impact Fees			***7,500***									***7,500***
Utility - Rates (sewer)			***138,200***									***138,200***
Utility - Rates (stormwater)			***353,100***									***353,100***
Utility - Rates (water)			***222,800***									***222,800***
Lacy/Seminole Intersect, Lacy E, Seminole N - New	3495				920,385	5,215,510						*6,135,895*
Borrowing (non-util, GO debt)						***679,900***						***679,900***
TIF #9					***920,385***	***3,704,620***						***4,625,005***
Utility - Rates (sewer)						***151,089***						***151,089***
Utility - Rates (stormwater)						***377,723***						***377,723***
Utility - Rates (water)						***302,178***						***302,178***
Quarry Vista Extension to Subzero Pkwy - New	3496									115,650	655,350	*771,000*
TIF #9										***115,650***	***655,350***	***771,000***
Maintenance of Arterials - New	3497	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	*655,172*
Capital Property Tax Levy		***39,000***	***40,170***	***64,775***	***66,718***	***68,720***	***70,782***	***72,905***	***75,092***	***77,345***	***79,665***	***655,172***
Public Works - Streets Total		**16,408,625**	**12,628,162**	**2,280,244**	**4,153,826**	**6,687,546**	**2,202,707**	**1,491,458**	**1,613,291**	**1,716,860**	**2,357,566**	***51,540,285***
Public Works - Water												
Well 13 and Pump House	4519								150,000	180,000	1,800,000	*2,130,000*
Utility - Impact Fees									***150,000***	***180,000***	***1,800,000***	***2,130,000***
SCADA Upgrade - Revised	4522					30,000					30,000	*60,000*
Utility - Rates (water)						***30,000***					***30,000***	***60,000***
Greenfield Watermain Extension - Revised	4524	130,000	1,170,000									*1,300,000*
Utility - Assessed (water)			***445,300***									***445,300***
Utility - Impact Fees		***130,000***	***724,700***									***854,700***
Water Tower Repainting	4525						20,000	230,000				*250,000*
Utility - Rates (water)							***20,000***	***230,000***				***250,000***
Water Tower D	4532							2,125,000				*2,125,000*
Utility - Impact Fees								***2,125,000***				***2,125,000***
Verona Rd Utility Relocations & Related	4630	30,000	25,000									*55,000*
Capital Property Tax Levy		***30,000***	***25,000***									***55,000***
North Water Main Loop to NE Neighborhood - Revised	4631	600,000										*600,000*
Utility - Assessed (water)		***180,000***										***180,000***
Utility - Impact Fees		***420,000***										***420,000***
Main Oversize/Service Insulat/Hydrant Replace	4632	82,400	84,872	87,418	90,040	92,742	95,524	98,390	101,342	104,382	107,513	*944,623*
Utility - Impact Fees		***41,200***	***42,436***	***43,709***	***45,020***	***46,371***	***47,762***	***49,195***	***50,671***	***52,191***	***53,756***	***472,311***
Utility - Rates (water)		***41,200***	***42,436***	***43,709***	***45,020***	***46,371***	***47,762***	***49,195***	***50,671***	***52,191***	***53,757***	***472,312***
Well Maintenance - Revised	4633	240,000		0		80,000	200,000	160,000				*680,000*
Utility - Rates (water)		***240,000***		***0***		***80,000***	***200,000***	***160,000***				***680,000***

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Public Works - Water Total		1,082,400	1,279,872	87,418	90,040	202,742	315,524	2,613,390	251,342	284,382	1,937,513	*8,144,623*
GRAND TOTAL		19,809,345	16,495,421	6,992,408	5,847,431	9,058,487	4,990,484	5,366,807	4,066,867	3,134,662	5,298,054	*81,059,966*

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1720

Project Name Oak Hall AV - Revised

Department Public Works - B&G
Contact PW Director/City Engineer
Type Equipment
Useful Life 15 years
Category Facilities Projects
Priority 5 Future Consideration

Description

This project would include updating the audio systems, video system, speaker system, and adding a mounted projector to the celling of the Oak Hall room. There would also need to be a control panel put in along with additional inputs added to the wall and floor.

2019-2028 CIP Update: Project delayed one year.

2020-2029 CIP Update: Project delayed from 2022 to 2027.

Justification

The Recreation Department rents the room out to community users for many different purposes. The Senior Center uses the room for many different activities that utilize the AV system frequently as well. Finally our staff use this space to hold meetings, events, and other uses that would utilize the AV system. Currently, staff have to roll in an AV cart with a projector and sound system on it. This causes a tripping hazard and the issue of not being able to plug into the sound system all the times. The current AV equipment is starting to fail and will need replacement. Finally, community members are able to access the AV equipment and make adjustments which has caused issues in the past. By adding in this new system we would be able offer both Rec. and the Senior Center users more features for this space. This would help increase revenue for the room with having a system in place.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)								25,000			25,000
Total								**25,000**			**25,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy								25,000			25,000
Total								**25,000**			**25,000**

Budget Impact/Other

It is expected that this room will be rented more often with updated AV equipment. However, the amount is not quanitfied.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2238

Project Name Early Warning Sirens

Department Public Works - B&G
Contact PW Director/City Engineer
Type Equipment
Useful Life 10-20 years
Category General Equipment
Priority 3 Important

Description

Expand early warning coverage to new neighborhoods by installing 1 new siren in the Nine Springs neighborhood in 2018.

2017-2021 CIP Update: Dane County Emergency Management will no longer bid contracts for new siren installation. Pricing is expected to rise due to the smaller quantity and mobilization.

2018-2027 CIP Update: Add Siren on Seminole Highway/Whalen in 2023. Project fund balance spent in 2016 on Quarry Vista so changed the 2018 funding source to levy.

2019-2028 CIP Update: Seminole/Whalen siren delayed one year from 2023 to 2024

Justification

Provide early warning coverage for newly populated areas of the City.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)					29,705						29,705
Total					**29,705**						**29,705**

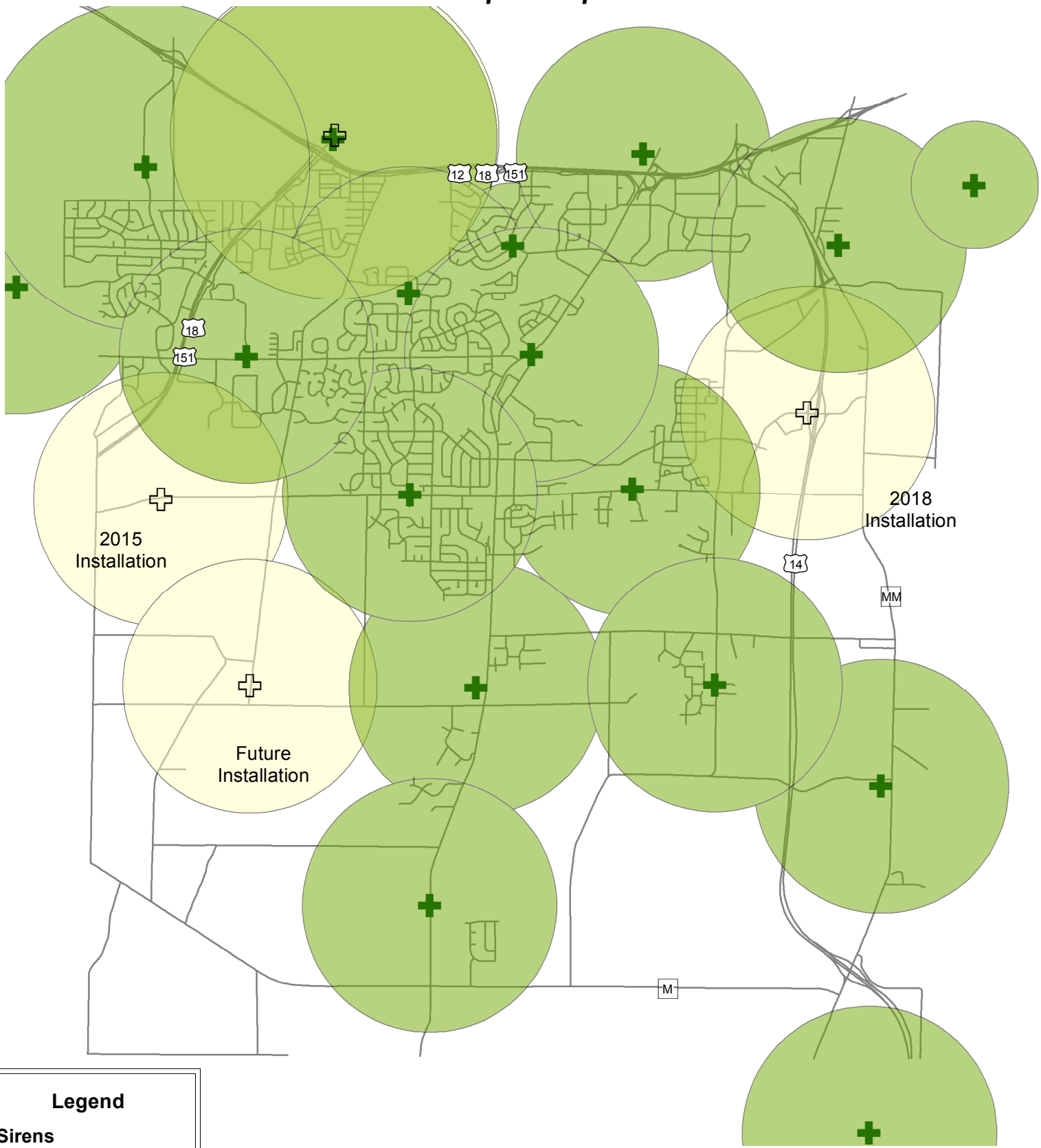
Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy					29,705						29,705
Total					**29,705**						**29,705**

Budget Impact/Other

Batteries will need to be changed every three years for emergency purposes. Electric cost $300 / year for each new siren.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Supplies/Materials								1,000			1,000
Other (Insurance, Utilities)					300	300	300	300	300	300	1,800
Total					**300**	**300**	**300**	**1,300**	**300**	**300**	**2,800**

Fitchburg Warning Sirens
2016-2020 Capital Improvements



Legend

Sirens

STATUS

- Active
- Proposed
- Active Coverage
- Proposed Coverage
- Streets

N

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Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6262

Project Name Parking Lot Resurfacing - Revised

Department Public Works - B&G
Contact PW Director/City Engineer
Type Improvement
Useful Life 30 Years
Category Equipment Replace/ Resurface Pgm
Priority 3 Important

Description

Parking lot maintenance

2018-2027 CIP Update: Increased budget by 5% per year to account for price increases and to allow for some additional parking lot resurfacing.

2020-2029 CIP Update: Increased funding in 2021 and 2022 by $15,000 each year due to the higher cost of parking lot resurfacing at the McKee Farms Park Main Shelter schedules for 2022.

Project fund balance as of 12/31/18: $62,653

Justification

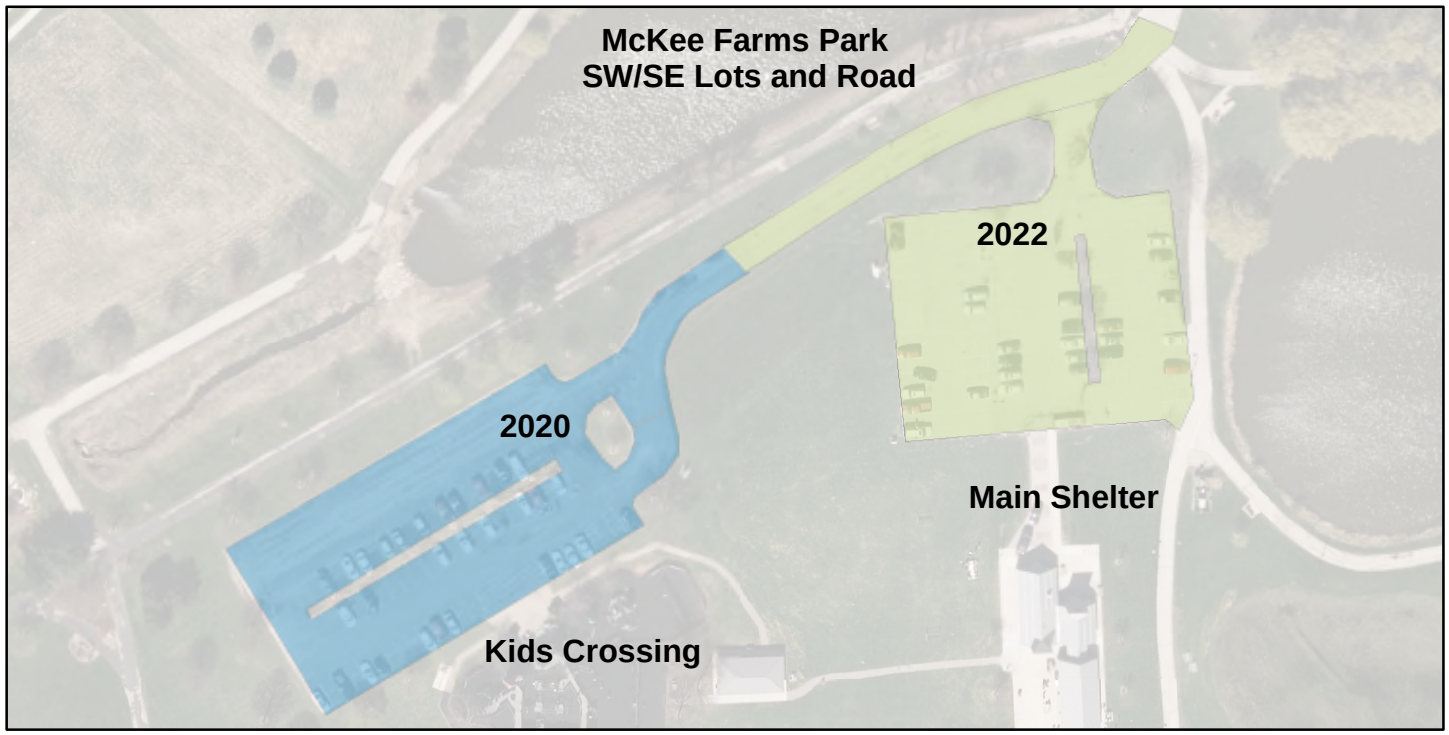
With the city parking lots aging the need to do periodic maintenance is realized. These city parking lots include City Hall campus, Public Works facility and parking lots in parks - Greenfield, McKee, and McGaw Park.

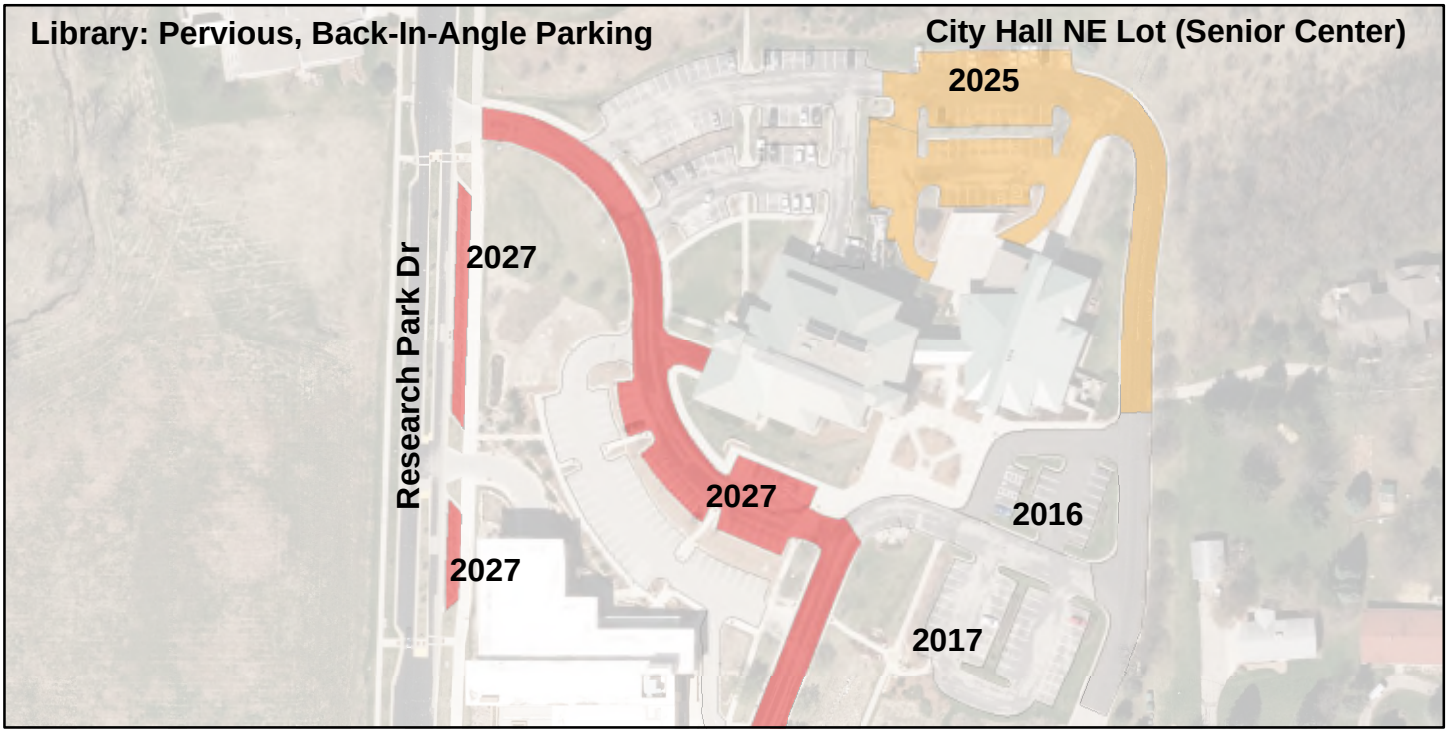
Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	57,330	75,197	78,207	66,367	69,686	73,170	76,828	80,670	84,704	88,939	751,098
Total	**57,330**	**75,197**	**78,207**	**66,367**	**69,686**	**73,170**	**76,828**	**80,670**	**84,704**	**88,939**	**751,098**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	57,330	75,197	78,207	66,367	69,686	73,170	76,828	80,670	84,704	88,939	751,098
Total	**57,330**	**75,197**	**78,207**	**66,367**	**69,686**	**73,170**	**76,828**	**80,670**	**84,704**	**88,939**	**751,098**

Budget Impact/Other

Project 6262: Parking Lot Resurfacing





Legend

Parking_Lots

Proposed_Construction_Year

- 2020
- 2022
- 2025
- 2027

	2018 (Remainder)	2019	2020	2021	2022	2023	2024	2025	2026	2027
Existing Budget (2018)	$ 44,000.00	$ 54,600	$ 57,330	$ 60,197	$ 63,207	$ 66,367	$ 69,686	$ 73,170	$ 76,828	$ 80,670
Total	$ 44,000	$ 98,600	$155,930	$216,127	$279,334	$345,701	$415,387	$488,557	$565,385	$646,055
Proposed Budget	$ 44,000.00	$ 54,600	$ 57,330	$ 75,197	$ 78,207	$ 66,367	$ 69,686	$ 73,170	$ 76,828	$ 80,670
Total	$ 44,000	$ 98,600	$155,930	$231,127	$309,334	$375,701	$445,387	$518,557	$595,385	$676,055
Estimated Construction Costs			$137,489		$159,673			$165,722	-	$164,207
Total		$ -	$137,489	$ -	$297,162	$ -	$ -	$462,884	-	$627,091

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6302

Project Name City Campus Building Systems Replacement - Revised

Department Public Works - B&G
Contact PW Director/City Engineer
Type Improvement
Useful Life 10 years
Category Facilities Projects
Priority 2 Very Important

Description

This fund was created in 2006 to plan for the replacements of building systems and to set aside funds on an annual basis for system replacements . As the City campus buildings continue to age, it is necessary to plan for replacement of large scale projects.

2020-2029 CIP Update: City Hall chiller failure in 2018 caused reallocation of future projects and spend-down of the full accumulated fund balance for a project under contract for 2019. The $350,000 project was previously budgeted for 2024. Also delayed the Oak Hall flooring from 2022 to 2027.

Upcoming projects and estimated timing (not including unexpected repairs), all funded by levy:

2020: Countertops at Senior Center/Community Center Kitchen $14,000 (new)
2020: City Hall water softener and heaters $15,000 (estimated price increase from $10,000 to $15,000)
2020: Two furnaces/two condensers for Fitchburg Room and Fitchburg Room Production $35,000 (new)
2020: CC exterior door $18,000 (previously authorized in 2017 but funding re-allocated for chiller repairs)
2021: gutters/roof repairs/soffits $75,000 (previously authorized in 2016 but funding re-allocated for chiller repairs)
2022: City Hall air make-up unit $25,000 (cost increased from $25,000 to $26,500)
2022: FACTv air conditioning $30,000 (previously authorized in 2018 but funding re-allocated for chiller repairs)
2022: City Hall garage door replacement $20,000 (accellarated from 2024 to 2022)
2023: Dispatch air conditioning units $35,000
2024: 3rd floor CH carpet/paint $75,000 (previously authorized in 2017 but funding re-allocated for chiller repairs)
2025: Replace carpet and paint 2nd floor City Hall $75,000 (delayed from 2020 to 2025)
2026: Replace carpet and paint 1st floor City Hall $75,000 (delayed from 2021 to 2026)
2027: Community Center flooring $100,000 levy (in addition to annual allocation) - delayed from 2022 to 2027
2028: City Hall windows $75,000 (in addition to annual allocation)
* Note - Schedules can be altered if necessary and do not include large unexpected repairs needed to the buildings that would also be included in this project.

Previous designated funding authorized for projects not yet completed:
Prior: Condenser and 2 air handlers Oak Hall $107,000 (levy) - scheduled for 2019
2016: gutters/roof repairs/soffits $75,000 (levy) - delayed to 2021
2017: 3rd floor CH carpet/paint $75,000 (levy) - delayed to 2022
2017: CC exterior door $18,000 (levy) - delayed to 2020
2018: FACTv air conditioning $30,000 (levy) - delayed to 2022

12/31/18 fund balance: $441,250.95 (accumulating resources for future mechanical failures) - full amount expected to be spent on chiller replacement in 2019.

City of Fitchburg, WI

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)					0			100,000	75,000		175,000
Replacement Fund	79,568	81,955	84,413	86,946	89,554	92,241	95,008	97,858	100,794	103,818	912,155
Total	**79,568**	**81,955**	**84,413**	**86,946**	**89,554**	**92,241**	**95,008**	**197,858**	**175,794**	**103,818**	**1,087,155**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	79,568	81,955	84,413	86,946	89,554	92,241	95,008	197,858	175,794	103,818	1,087,155
Total	**79,568**	**81,955**	**84,413**	**86,946**	**89,554**	**92,241**	**95,008**	**197,858**	**175,794**	**103,818**	**1,087,155**

Budget Impact/Other

Replacing items when beginning to fail will be weighed against on-going maintenance costs.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 6304

Project Name Maintenance Facility Bldg Sys Replace

Department Public Works - B&G
Contact PW Director/City Engineer
Type Equipment
Useful Life 10 years
Category Facilities Projects
Priority 3 Important

Description

A separate CIP project is being established in 2018 to fund future building system repairs that will be needed as the building ages.

Upcoming projects and estimated timing, all funded by levy:
2020: Back-up generator $50,000

12/31/18 fund balance: $25,000

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement Fund	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606	304,050
Total	**26,522**	**27,318**	**28,138**	**28,982**	**29,851**	**30,747**	**31,669**	**32,619**	**33,598**	**34,606**	**304,050**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	26,522	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606	304,050
Total	**26,522**	**27,318**	**28,138**	**28,982**	**29,851**	**30,747**	**31,669**	**32,619**	**33,598**	**34,606**	**304,050**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 2014

Project Name GIS System - Revised

Department Public Works - General
Contact PW Director/City Engineer
Type Equipment
Useful Life 5 yrs
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

Continued operation of the GIS system to assist Public Works, Planning, Assessing, Building Inspection, Police, Fire, Clerks, Economic Development, and Finance Departments with decision making and day to day operation. This project includes, but is not limited to application development, and software programming. In 2017 the aerial imagery and terrain model (1' contours) will be updated. In 2018 the large format plotter and scanner will be replaced. In 2020 the aerial imagery will be updated.

2015 Update: funding sources split with utilities; included in 2016 the replacement of fund balance for $78,500 for three years of operating costs that were paid out of this project but not budgeted in either capital nor operating.

2017-2021 CIP Update: Funding source split updated to 20% general fund, 75% utility stormwater rates, 2.5% utility water rates and 2.5% utility sanitary rates. Remove operating expenses from CIP. In 2021, terrain model (~1' contours) will be updated for the urban half of the City. Operating expenses for ESRI software were moved in 2015.

2018-2027 CIP Update: Fly Dane provides flights every three years to update aerial images and 1' contours for Dane County municipalities. The last collection flight for Fly Dane was 2017. The next flights will be in 2020, 2023 and 2026 with even years to provide Lidar (1' contours) for the north half of the City and odd years (2023) for a 1' terrain model for the entire City. The large format plotter and scanner is scheduled for replacement every five years in 2018 and 2023. In 2018, the plotter currently in use by Public Works and Planning/Zoning will go to the Fire Department to replace a 14 year old plotter. The survey grade GPS unit purchased in 2015 is scheduled for replacement in 2020 and 2025 to provide survey equipment for use in new developments and City construction projects.

2020-2029 CIP Update: Aerial images are collected on three year intervals. Dane County will now provide 6" imagery at no cost to the city. 3" is available at a cost and the numbers reflect that buy in cost. We may choose to opt out of the buy in if the rates are too high. LiDAR will be collected on a as funded basis of roughly 8 years (2025). The large format plotter was pushed from 2018 to 2020 for replacement (not re-budgeted). It will be evaluated on a five year basis for replacement. The GPS unit and data collector devices are in good working order with the data collector being replaced in 2018. These devices will now start a five year cycle of evaluation and replacement.

Funding split:
* survey equipment 20% general - 20% storm 30% water - 30% sewer
* all else 20% general - 75% storm 2.5% water - 2.5% sewer

Non-Utility Fund Balance as of 12/31/18: $26,282.90

Justification

With the drop in the cost of aerial photography and the rate of growth in Dane County, Fly Dane has decided to go to a three year collection cycle. The last collection flight for Fly Dane was in 2014. In 2017 the terrain model which is needed for the accuracy of the aerial imagery will also need to be updated. The large format plotter and scanner was purchased in 2011, and the old 2004 plotter went to the Fire Department. In 2018 the plotter currently in use in city hall will go the Fire Department and the plotter currently in use at the Fire Department will be 14 years old and will be disposed of.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	10,000			15,000		10,000	10,000			10,000	55,000

Equip/Vehicles/Furnishings (non-hwy, non-util)	0			0	20,000	13,000				33,000
Total	**10,000**			**15,000**	**20,000**	**23,000**	**10,000**			**10,000**	**88,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	2,000			3,000	4,000	4,600	2,000			2,000	17,600
Utility - Rates (stormwater)	7,500			11,250	4,000	17,250	7,500			7,500	55,000
Utility - Rates (water)	250			375	6,000	575	250			250	7,700
Utility - Rates (sewer)	250			375	6,000	575	250			250	7,700
Total	**10,000**			**15,000**	**20,000**	**23,000**	**10,000**			**10,000**	**88,000**

Budget Impact/Other

The GIS Enterprise license costs will be shifted to the operating budget in 2016 and beyond, which will result in budget increases.

2017-2021 CIP Update: Moved operating expenses of $13,000 per year to include maintenance items such as scanning building plans, consulting, Intranet GIS system, and unassigned projects. In 2017 and 2020 allocate $2,500 for aerial image udpates.

2018-2027 CIP Update: The Fly Dane aerial imagery and Lidar does not have operational impacts. Minor maintenance and software support will be purchased for the GPS.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Software Maintenance/Support	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10,000
Total	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**10,000**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3101

Project Name Public Works Equipment Replace - Revised

Department Public Works - General
Contact PW Director/City Engineer
Type Equipment
Useful Life varies
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

The Public Works Department follows a replacement schedule that allows a yearly budget amount for replacement of street and parks operations equipment. Utility operations equipment replacement follows a similar schedule, but not an even amount due to the limited amount of equipment. This replacement schedule was started in 1996 for streets. Originally, $145,000 a year was budgeted for street operations equipment. The dollar amount needs to be increased to keep up with the replacement schedule and increased equipment costs. Plow trucks have increased in cost over $45,000 in the last 5 years. This CIP item now includes parks equipment to reflect the joint operations (formerly Project 6210). An additional plow truck is scheduled beyond the annual amount in 2016. This truck is needed to accommodate the plowing of McKee Road and other newer developed roads such as Orchard Pointe and Uptown that have divided 4 lane roadways.

2015 Update: projects updated and new items added - see supporting spreadsheet for details.

2016 Budget - postpone plow truck replacement ($160,000) from 2016 to 2017.

2017-2021 CIP Update: Combined CIP #2408 (building inspection vehicle) into this project. Adjusted replacement year to balance costs and to more accurately reflect replacement year. Added additional plow in 2018 for maintenance of Town of Madison.

2017-2021 CIP Amendment: Shifted funding source between levy and ERP to account for amendments within other projects.

2017 Mayor's Proposed Budget Update: Shifted funding source between levy and ERP to account for amendments within other projects.

2018-2027 CIP Update:
Streets - Added V plow, shoulder reclaimer, hot patcher, snow blower, fork lift, mini backhoe, sign board. Note: Additional plows also added to separate CIP projects for the Town of Madison (#1040) and the jurisdictional transfer of Fish Hatchery Road (#3488)
Utility - Added pickup, valve exerciser, trench box/trailer.
Stormwater - Added mechanical sweeper, mini backhoe.
Parks- Added ATV, forestry mower, top dresser, skidloader attachments, roller.

2018 Budget Update: F100 Fund Balance (in lieu of ERP aid) used to fund $285,000 of 2018 cost.

2019-2028 CIP Update: Moved building inspection vehicles to separate CIP #2407.

2019 Budget: Delayed tractor purchase from 2019 to 2020 ($50,000 taxes; $10,000 sale)

2020-2029 CIP Update: Updated desired equipment purchase timing, updated timing for vehicles budgeted in the past but not purchased. Plows moved to separate replacement fund CIP #3199.

Note: Particular pieces of equipment may be moved as needed to meet immediate needs. See attached inventory listing.

City of Fitchburg, WI

Justification

It is important that a yearly replacement plan is followed to avoid having large future fiscal impacts because of replacement backlogs. This reduces the maintenance and repair account funds needed on a yearly basis. By having the necessary equipment, we are able to respond with our own crews to snowstorm events, repair water main breaks faster and eliminate the need to call in outside resources.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	136,000	5,500	215,000	123,000	137,000	121,000	151,000	141,000	68,000	190,000	1,287,500
Equip/Vehicles/Furnishings (highway)	0	78,500	60,000	194,000	159,000	316,000	415,000	220,000	155,000	89,000	1,686,500
Equip/Vehicles/Furnishings (water utilities)	44,000	25,000	1,500	47,500	39,000	12,800	30,000	43,200	144,720		387,720
Equip/Vehicles/Furnishings (stormwater utility)	15,000		225,000								240,000
Total	**195,000**	**109,000**	**501,500**	**364,500**	**335,000**	**449,800**	**596,000**	**404,200**	**367,720**	**279,000**	**3,601,720**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	131,000	79,500	255,000	272,000	247,500	400,300	511,000	318,000	192,500	268,000	2,674,800
Sale/Trade In (non-hwy, non-util)	5,000	1,000	8,000	21,000	31,500	17,200	12,000	13,000	5,000	4,000	117,700
Sale/Trade In (hwy)	0	3,500	12,000	24,000	17,000	19,500	43,000	30,000	25,500	7,000	181,500
Utility - Sale/Trade In (storm)	500		40,000								40,500
Utility - Sale/Trade In (W&S)	1,000	2,000	500	12,500	3,000	500	0	5,000	14,500		39,000
Utility - Rates (stormwater)	14,500		185,000								199,500
Utility - Rates (water)	43,000	23,000	1,000	35,000	36,000	12,300	30,000	38,200	130,220		348,720
Total	**195,000**	**109,000**	**501,500**	**364,500**	**335,000**	**449,800**	**596,000**	**404,200**	**367,720**	**279,000**	**3,601,720**

Budget Impact/Other

2019 Public Works Equipment Inventory- Engineering & Streets

VEHICLE NUMBER	DESCRIPTION	MANUFACTURER	MODEL	MODEL YEAR	ACQUIRED YEAR	REPLACE YEAR	CURRENT VALUE	CIP TRADE VALUE	COST OF REPLACE	NET COST	Vehicle Type
	ENGINEERING DIVISION										
1	Utility Vehicle 4X4	Jeep	Cherokee	2013	2012	2025	$20,000	$8,000	$36,000	$28,000	
3	1/2 Ton Pickup Truck extended cab	Chevrolet	Colorado	2012	2012	2024	$15,000	$5,000	$35,000	$30,000	
4	3/4 Ton Pickup Truck	GMC	2500	2002	2002	2021	$1,500	$500	$36,000	$29,000	
11	3/4 Ton Pickup Truck	GMC	2500	2011	2011	2023	$10,000	$4,000	$35,000	$31,000	
12	3/4 Ton Pickup Truck	GMC	2500	2008	2008	2021	$5,000	$3,000	$36,000	$33,000	
13	1 Ton Truck w/platform & dump box	Ford	F550	2012	2012	2026	$35,000	$10,000	$85,000	$75,000	
10	1 ton Ford F550	Ford	F550	2017	2017	2028	$75,000	$20,000	$100,000	$80,000	
15	Aerial Basket-38' reach	GMC	3500	1999	1999	2025	$5,000	$5,000	$160,000	$155,000	
16	17 Yard dump truck	International	7600	2008	2011	2027	$65,000	$30,000	$220,000	$190,000	
17	Aerial Basket-75' reach	GMC	C8500	2000	2011	2019	$45,000	$25,000	$175,000	$150,000	
	TRUCKS										
32	Tractor Crawler	John Deere	550	2005	2017	2029	$6,000	$6,000	$80,000	$74,000	
33	Loader	Case	821G	2017	2017	2030	$200,000	$25,000	$250,000	$225,000	
34	4 Wheel Drive Excavator	Volvo	EW 180B	2005	2005	2026	$50,000	$30,000	$275,000	$245,000	
35	Skidsteer Loader	Case	1840	2005	2005	2023	$5,000	$5,000	$55,000	$50,000	
36	Road Grader (W/Wing&Plow)	John Deere	676 GP	2017	2017	2030	$260,000	$20,000	$300,000	$280,000	
NEW	Tractor plow (for Cat 429 replacement)					2019	$0	$0	$25,000	$25,000	
	ROLLERS/TRACTORS										
42	Roller	Wacker		1996	1996	2025	$5,000	$1,000	$20,000	$19,000	
43	Tractor	Farmall	75C	2012	2012	2024	$20,000	$5,000	$40,000	$35,000	
44	Tractor and broom	Farmall	75C	2012	2012	2024	$20,000	$5,000	$50,000	$45,000	
45	Tractor	John Deere	6430	2008	2011	2030	$40,000	$7,000	$70,000	$63,000	
46	Tractor	Case IH	125	2009	2009	2023	$45,000	$10,000	$60,000	$50,000	
48	Tractor Loader Backhoe w/cab	Caterpillar	426C	1997	1999	2019	$15,000	$10,000	$65,000	$55,000	
	ATTACHMENTS										
50	Mower	Alamo Tiger	Side Arm	2011	2011	2030	$20,000	$5,000	$70,000	$65,000	
51	Mower	Landpride	6 foot	2013	2013	2019	$4,000	$250	$6,000	$5,750	
52	Mower	Landpride	6 foot	2013	2013	2019	$4,000	$250	$6,000	$5,750	
52a	Mower	Landpride	10 foot	2013	2013	2019	$11,000	$500	$12,000	$11,500	
53	Pre-treater	Varitech	4L300-TFK-6V	2011	2011	2028	$5,000	$1,000	$12,000	$11,000	
54	Brush Chipper	Vermeer	BC 1500	2015	2015	2022	$40,000	$12,000	$60,000	$48,000	
55	Machine Shouldering	Wausau	SM2	1967	1967	2025	$3,000	$2,000	$25,000	$23,000	
56	Front End Loader w/front grapple on 125	Westendorff	TA29	2011	2011	2023	$12,000	$4,000	$14,000	$10,000	
57	Trailer-12 Ton	Miller		1979	1983	2023	$3,000	$1,000	$15,000	$14,000	
58	Trailer-Sign trailer	Gator		2004	2004	2025	$2,500	$500	$10,000	$9,500	
59	Trailer Skidsteer	Olympic	14	2009	2009	2029	$5,000	$1,000	$9,000	$8,000	
	Accessory Equipment										
60	Indoor sweeper	Advance	Captor	2008	2008	2025	$25,000	$3,000	$50,000	$47,000	
60a	Indoor sweeper	American Lincoln	114 ES	1999	1999						
61	Air Compressor	Ingersoll Rand		1996	1996	2028	$5,000	$2,000	$20,000	$18,000	
62	Card & Roll system for pumps		K800	1992	1992	2030	$1,000	$1,000	$7,000	$6,000	
63	Diesel Pump	Gil Barco	625-5	1992	1992	2021	$500	$0	$6,500	$6,500	
64	Gas Pump (double)	Gil Barco	655-1	1992	1992	2019	$500	$0	$7,500	$7,500	
	Shoulder reclaimer			2018	2018	2028	$15,000	$500	$15,000	$14,500	
NEW	Hot Patcher			2019	2019	2019	$0	$0	$20,000	$20,000	
New	Mini Attachement				2023	2023		$0	$15,000	$15,000	
65	Steamer	M1-T-M Corp.		1990	1990	2026	$1,000	$1,000	$20,000	$19,000	
66	Striper			2018	2018	2028	$4,000	$2,000	$8,000	$6,000	
67	Sign Board #1	SMC	mini 4000	2014	2014	2024	$11,500	$1,000	$17,000	$16,000	
68	Sign Board #2	SMC	mini 4000	2014	2014	2024	$11,500	$1,000	$17,000	$16,000	
NEW	Forklift			2021	2021	2025	$0	$0	$15,000	$15,000	
71	Mini Backhoe 1/2 Streets 1/2 Storm			2018	2018	2030	$33,750	$5,000	$42,500	$37,500	
72	Sign Board #3	SMC	mini 4000	2016	2016	2026	$12,000	$1,000	$17,500	$16,500	
73	Sign Board #4	SMC	mini 4000	2016	2016	2026	$12,000	$1,000	$17,500	$16,500	
NEW	Strip Hot Mix Paver			2020	2020	2019	$0	$0	$30,000	$30,000	
	STREET TOTALS						**$1,184,750**	**$280,500**	**$2,772,500**	**$2,485,500**	

STREETS

Year	Trade value	Cost	Net
2020	$0	$0	$0
2021	$3,500	$78,500	$75,000
2022	$12,000	$60,000	$48,000
2023	$24,000	$194,000	$170,000
2024	$17,000	$159,000	$142,000
2025	$19,500	$316,000	$296,500
2026	$43,000	$415,000	$372,000
2027	$30,000	$220,000	$190,000
2028	$25,500	$155,000	$129,500
2029	$7,000	$89,000	$82,000
Total	**$181,500**	**$1,686,500**	**$1,505,000**

****U stands for equipment purchased used. 1. Vehicle rotates into the Rec Vehicle Rotation**

2019 Public Works Equipment Inventory-Utility

VEHICLE NUMBER	DESCRIPTION	MANUFACTURER	MODEL	MODEL YEAR	ACQUIRED YEAR	REPLACE YEAR	CURRENT VALUE	CIP TRADE VALUE	COST OF REPLACE	NET COST
	UTILITY DIVISION									
101	Sewer Vacuum Cleaner	International	7500	2016	2016	2030	$310,000	$50,000	$450,000	$400,000
120	**Light Duty Trucks**									
120	3/4 Ton Utility Van	Chevrolet	2500	2015	2015	2027	$30,000	$5,000	$43,200	$38,200
	3/4 Ton 4X4 Pickup Truck	Chevrolet	2500	2016	2016	2028	$27,000	$5,000	$48,000	$43,000
121	3/4 Ton Pickup Truck w/utility box	GMC	2500	2008	2008	2019	$5,000	$2,500	$30,000	$27,500
122	3/4 Ton 4X4 Pickup Truck	GMC	2500	2016	2016	2028	$5,000	$2,000	$30,000	$28,000
123	3/4 Ton Pickup Truck w/utility box	GMC	Sierra	2016	2016	2028	$2,000	$2,500	$30,000	$27,500
125	1/2 Ton Pickup 4door 4x4	Chevrolet	1500	2016	2016	2028	$27,000	$5,000	$36,720	$31,720
124	3/4 Ton Pickup Truck w/utility box	Chev	Silverado	2012	2012	2024	$15,000	$3,000	$39,000	$36,000
125	1/2Ton Pickup Truck	Dodge	Dakota	2003	2003	2016	$4,000	$2,000	$30,000	$28,000
NEW	3/4 Ton 4X4 Pickup Truck			2019	2019	2019	$0	$0	$32,700	$32,700
NEW	1/2Ton Pickup Truck - Tracy			2020	2020	2020	$0	$0	$30,000	$30,000
161	Portable Welder	Miller	40	1976	1976	2023	$2,000	$2,000	$5,000	$3,000
163	Generator Inland Diesel	Kohler	300RZDD1	1992	1992	2023	$8,000	$8,000	$40,000	$32,000
	Trench box trailer	unknown	7'x12'	1986	1986	2022	$500	$500	$1,500	$1,000
	Water main break trailer	Olympic	8'x14'	2006	2006	2023	$2,500	$2,500	$2,500	$0
	Mower Trailer	Olympic	7'x13'	2005	2005	2030	$1,500	$1,500	$2,000	$500
NEW	Valve Exerciser					2021	$25,000	$2,000	$25,000	$23,000
NEW	Trench box / trailer				2026	2026	$0	$0	$30,000	$30,000
	Scag Mower	Scag	SSV-52	2015	2015	2025	$6,000	$500	$12,800	$12,300
	Tar Kettle	Seal Master	CP-60	2012	2012	2020	$11,000	$1,000	$14,000	$13,000
	UTILITY TOTALS						**$481,500**	**$95,000**	**$932,420**	**$837,420**

UTILITY

Year	Trade value	Cost	Net
2020	$1,000	$44,000	$43,000
2021	$2,000	$25,000	$23,000
2022	$500	$1,500	$1,000
2023	$12,500	$47,500	$35,000
2024	$3,000	$39,000	$36,000
2025	$500	$12,800	$12,300
2026	$0	$30,000	$30,000
2027	$5,000	$43,200	$38,200
2028	$14,500	$144,720	$130,220
2029	$0	$0	$0
Total	**$39,000**	**$387,720**	**$348,720**

VEHICLE NUMBER	DESCRIPTION	MANUFACTURER	MODEL	MODEL YEAR	ACQUIRED YEAR	REPLACE YEAR	CURRENT VALUE	CIP TRADE VALUE	COST OF REPLACE	NET COST
	STORMWATER UTILITY DIVISION									
	Hydroseeder	Doolittle		2004	2004	2020	$5,000	$500	$15,000	$14,500
NEW	Mechanical Sweeper USED				2019	2019			$70,000	$70,000
14	Street Sweeper	Schwarze	A9000	2015	2015	2022	$168,000	$40,000	$225,000	$185,000
	Mini Backhoe 1/2 Streets 1/2 Storm			2018	2018	2030	$33,750	$5,000	$42,500	$37,500
	1/2 Ton Pickup	Chevrolet	1500	2016	2016	2030	$25,000	$8,000	$38,000	$30,000
	STORMWATER UTILITY TOTALS						**$231,750**	**$53,500**	**$390,500**	**$337,000**

STORMWATER

Year	Trade value	Cost	Net
2020	$500	$15,000	$14,500
2021	$0	$0	$0
2022	$40,000	$225,000	$185,000
2023	$0	$0	$0
2024	$0	$0	$0
2025	$0	$0	$0
2026	$0	$0	$0
2027	$0	$0	$0
2028	$0	$0	$0
2029	$0	$0	$0
Total	**$40,500**	**$240,000**	**$199,500**

2019 Public Works Equipment Inventory-Parks

VEHICLE NUMBER	DESCRIPTION	MANUFACTURER	MODEL	MODEL YEAR	ACQUIRED YEAR	REPLACE YEAR	CURRENT VALUE	CIP TRADE VALUE	COST OF REPLACE	NET COST
	Parks Division									
250	Forestry 4X4	Ford	F-150	2016	2016	2028	$26,000	$2,000	$30,000	$28,000
250	Forestry 4X4	Dodge	Dakota	2002	2002	2025	$5,000	$2,000	$30,000	$28,000
251	1 ton Pick-up with plow	Ford	F-350	2015	2014	2026	$30,000	$2,000	$40,000	$38,000
252	1 ton dump with plow	Ford	F-350	2008	2008	2020	$15,000	$4,000	$84,000	$80,000
254	3/4 Ton with plow	Ford	F-350	2017	2017	2029	$30,000	$4,000	$40,000	$36,000
256	1 Ton with plow	GMC	3500	2011	2011	2022	$20,000	$5,000	$40,000	$35,000
256	1ton Flat Bed with plow	Ford	F-350	2015	2014	2026	$44,000	$4,000	$45,000	$41,000
257	1 ton dump with chipper box	Ford	F-350	2018	2018	2030	$8,000	$5,000	$80,000	$75,000
258	1/2 Ton Silverado	Chevy	1500	2000	2000	2022	$1,000	$500	$30,000	$29,500
259	4/4 SUV	Ford	Explorer	2003	2003	2022	$1,000	$500	$30,000	$29,500
255	1 Ton with Dump box and salter	Ford	F-550	2016	2016	2027	$59,000	$10,000	$86,000	$76,000
253	Jeep 4x4 with plow	Jeep	Wrangler	2015	2015	2025	$30,000	$10,000	$30,000	$20,000
260	Diamond C Trailer	Diamond C		2018	2018	2030	$8,800	$500	$12,000	$11,500
261	Double D Trailer	Double D		2001	2001	2022	$2,000	$500	$12,000	$11,500
262	Double D Trailer	Double D		2009	2009	2030	$1,500	$500	$2,500	$2,000
271	6' Mower w/cab	John Deere	1585	2016	2016	2026	$20,000	$3,000	$33,000	$30,000
272	6' Mower w/cab	John Deere	1585	2016	2016	2026	$20,000	$3,000	$33,000	$30,000
273	16' wing mowers	Toro	Groundsmaster	2013	2013	2023	$50,000	$20,000	$115,000	$95,000
274	16' wing mowers	Toro	Groundsmaster	2009	2009	2019	$50,000	$20,000	$110,000	$90,000
275	36" Scag	Scag	V-Ride	2013	2013	2025	$3,000	$1,000	$7,000	$6,000
276	60" Zero Trun	Toro	Z master	2014	2014	2025	$5,000	$1,000	$9,000	$8,000
277	6' Mower w/cab	John Deere	1445	2008	2008	Rotation	$5,000	$1,000		
	ATV	John Deere	Gator	2003	2017	2025	$5,000	$3,000	$20,000	$17,000
280	Bobcat Toolcat	Bobcat	5600	2012	2012	2024	$25,000	$15,000	$55,000	$40,000
281	Skidsteer	Bobcat	T770	2017	2017	2030	$63,410	$3,000	$85,000	$82,000
282	Ball Diamond Conditioner	Toro	5040	2006	2011	2020	$5,000	$1,000	$34,000	$33,000
283	Morbark Chipper	Morbark	M15R	2012	2012	2024	$35,000	$15,000	$60,000	$45,000
	Purchase 75c Tractor From Streets	Case	75c	2012	2024	2024			$10,000	$10,000
NEW	Purchase additional Toolcat	Bobcat	5600	2021		2022			$65,000	$65,000
302	Dirt Roller	Stone	SD43	2007	2017	2027	$14,500	$3,000	$55,000	$52,000
NEW	Forestry Backyard Tree lift					2029			$150,000	
	Attachments									
291	Snowblower for JD mower	John Deere		2008	2008	2019	$2,500	$100	$4,000	$3,900
292	Harley Rake	Glenmac	T-8	?	?	2022	$4,000	$1,000	$15,000	$14,000
293	Broom for JD mowers	John Deere		2017	2017	2023	$2,000	$1,000	$8,000	$7,000
294	Pretreater / Sprayer	SnowEx	VSS3000	2010	2010	2021	$5,000	$1,000	$5,500	$4,500
295	Skidsteer Auger	McMillen	X1975	?	?	2030	$2,000	$500	$4,500	$4,000
296	Tractor Seeder	Cosmo	500	?	?	2025	$500	$200	$10,000	$9,800
297	Zamboni	Homemade		2010	2010	2030	$2,500	$500	$3,000	$2,500
298	Toolcat V Plow	Bobcat	72"	2012	2012	2022	$2,500	$500	$3,000	$2,500
299	Toolcat Fork Grapple	Bobcat	66"	2012	2012	2030	$3,000	$500	$3,000	$2,500
300	Snowblower SB240	Bobcat	72"	2014	2014	2024	$5,500	$500	$5,500	$5,000
301	Stump Grinder	Bobcat	SG60	2012	2012	2024	$6,000	$1,000	$6,500	$5,500
	Strawbale Chopper	Goossen	1300	2012	?	2028	$3,000	$1,000	$8,000	$7,000
	Forestry Mower	Bobcat	60"	2018	2018	2028	$20,000	$2,000	$30,000	$28,000
NEW	Top Dresser	NEW			2022	2022	$0	$0	$20,000	$20,000
NEW	Skidloader attachment	NEW	Tiller		2020	2020	$0	$0	$10,000	$10,000
NEW	Skidloader attachment	NEW	Landscape Rake		2019	2019	$0	$0	$7,000	$7,000
NEW	Skidloader attachment	NEW	Trencher		2020	2020	$0	$0	$8,000	$8,000
	Skidloader attachment	NEW	Asphalt Grinder			2025			$15,000	
NEW	Lawn Roller	NEW	Grahl Manuf.	2017	2017	2030	$4,000	$2,000	$6,000	$4,000
	PARKS TOTALS						**$618,710**	**$149,300**	**$1,574,500**	**$1,261,200**

PARKS

	Trade value	Cost	Net
2020	$5,000	$136,000	$131,000
2021	$1,000	$5,500	$4,500
2022	$8,000	$215,000	$207,000
2023	$21,000	$123,000	$102,000
2024	$31,500	$137,000	$105,500
2025	$17,200	$121,000	$103,800
2026	$12,000	$151,000	$139,000
2027	$13,000	$141,000	$128,000
2028	$5,000	$68,000	$63,000
2029	$4,000	$190,000	$186,000
Total	**$117,700**	**$1,287,500**	**$1,169,800**

Total for Parks and Streets

	Trade value	Cost	Net
2019	$57,100	$475,000	$417,900
2020	$5,000	$136,000	$131,000
2021	$4,500	$84,000	$79,500
2022	$20,000	$275,000	$255,000
2023	$45,000	$317,000	$272,000
2024	$48,500	$296,000	$247,500
2025	$36,700	$437,000	$400,300
2026	$55,000	$566,000	$511,000
2027	$43,000	$361,000	$318,000
2028	$30,500	$223,000	$192,500
2029	$11,000	$279,000	$268,000
Total	**$299,200**	**$2,974,000**	**$2,674,800**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3199

Project Name Plow Fleet Replacement - New

Department Public Works - General
Contact PW Director/City Engineer
Type Equipment
Useful Life 10 years
Category Equipment Replace/ Resurface Pgm
Priority 2 Very Important

Description

The Public Works Department has a fleet of plow trucks and equipment that are used for plowing operations across the City. A listing of all of the vehicles is attached that includes replacement cost, trade-in value, net cost, useful life, and annualized cost. Timely replacement of these vehicles is necessary in order to maintain a plow fleet that is mechanically sound for emergency readiness.

An addiitonal plow is needed for Fish Hatchery Road (CIP #3488) in 2021. The initial purchase is included in the CIP project for the overall road project. The annual cost in this replacement fund is included beginning in 2022 for the eventual replacement of that vehicle.

Justification

Beginning in 2020, a replacement fund concept is recommended for Public Works plow fleet. This strategy will allow the City to better plan for replacements while evening the spikes and valleys in the property tax levy needed for these cyclical replacements. An assumed inflation cost is used for budgeting purposes. Trade-in value is incorporated into the annualized cost but is not listed separately below. Cash flow has been analyzed to verify resources are expected to be available when purchases are made.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Replacement Fund	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	2,559,456
Total	**204,500**	**210,635**	**241,143**	**248,377**	**255,828**	**263,503**	**271,408**	**279,550**	**287,937**	**296,575**	**2,559,456**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	204,500	210,635	241,143	248,377	255,828	263,503	271,408	279,550	287,937	296,575	2,559,456
Total	**204,500**	**210,635**	**241,143**	**248,377**	**255,828**	**263,503**	**271,408**	**279,550**	**287,937**	**296,575**	**2,559,456**

Budget Impact/Other

City of Fitchburg
Plow Fleet Replacement Fund Supporting Document
Created: May 2019
Last Revised: May 2019

Vehicle Name	Vehicle #	Replacement Cost (a),(b)	Trade-in Value (a)	Net Cost (a)	Useful Life	Annual Cost (a)	
Plow Truck 20	20	$ 220,000	$ 22,000	$ 198,000	10	$ 19,800	
Plow Truck 21	21	$ 205,000	$ 22,000	$ 183,000	10	$ 18,300	
Plow Truck 22	22	$ 215,000	$ 22,000	$ 193,000	10	$ 19,300	
Plow Truck 25	25	$ 190,000	$ 22,000	$ 168,000	10	$ 16,800	
Plow Truck 24	24	$ 230,000	$ 22,000	$ 208,000	10	$ 20,800	
Plow Truck 29	29	$ 220,000	$ 22,000	$ 198,000	10	$ 19,800	
Plow Truck 26	26	$ 235,000	$ 22,000	$ 213,000	10	$ 21,300	
Plow truck 23	23	$ 240,000	$ 22,000	$ 218,000	10	$ 21,800	
Plow Truck 27	27	$ 220,000	$ 22,000	$ 198,000	10	$ 19,800	
Pretreater - rotation	0	$ -	$ -	$ -	10	$ -	
Plow Truck 28	28	$ 205,000	$ 22,000	$ 183,000	10	$ 18,300	
V Plow	New	$ 25,000	$ -	$ 25,000	10	$ 2,500	
Snow Blower	New	$ 60,000	$ -	$ 60,000	10	$ 6,000	(d)
2020 COST				$ 2,045,000		$ 204,500	
New for Town of Madison	1712	$ -	$ -	$ -	10	$ -	
New for Fish Hatchery	1713	$ 250,000	$ 22,000	$ 228,000	10	$ 22,800	
Future added truck	New	$ 250,000	$ -	$ 250,000	10	$ 25,000	
2022 AND BEYOND COST				$ 2,273,000		$ 227,300	

Inflation assumption 3.0% (c)

2020 allocated cost	$204,500
2021 allocated cost	$210,635
2022 allocated cost	$241,143
2023 allocated cost	$248,377
2024 allocated cost	$255,828
2025 allocated cost	$263,503
2026 allocated cost	$271,408
2027 allocated cost	$279,550
2028 allocated cost	$287,937
2029 allocated cost	$296,575

(a) - All dollar values are based on 2019, when the replacement fund concept is initiated. These costs will be updated each year for major changes and thoroughly reviewed every five years.
(b) - Replacement cost includes the cost of the vehicle, along with equipment and change-over costs.
(c) - Inflation estimate is consistent with the standard inflation factor used for other CIP projects.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4716

Project Name Bike Roundabout Repairs - New

Type Improvement
Useful Life 20 Years
Category Parks &Greenway Improvement
Department Public Works - Parks
Contact PW Director/City Engineer
Priority 2 Very Important



Description

Stormwater improvements / path repairs at the bike roundabout intersection of the Capital City Path/Cannonball Path/Badger State Trail/Southwest Path/Military Ridge Path. Cost anticipated to be shared equally between Fitchburg, Dane County, and City of Madison. Engineering study (separately budgeted, $60,000 total, 1/3 from each party) to be completed in 2019 to determine scope of work needed. Estimated total cost of repairs $600,000 ($200,000 Fitchburg share).

Note: Allocation between stormwater utility and property tax levy will depend on the fix selected. Dane County will be lead on the project and will invoice the City for our share.

Justification

There have been stormwater-related failures of culverts and path blowouts at this location several times during large rain events. Stormwater system is complicated with multiple ponds and storm sewers feeding into the area. Fitchburg stormwater is a major contributor to the problem. The bridge abutment for the Badger State Trail has the potential to be undermined if the issue is not solved.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)		200,000									200,000
Total		**200,000**									**200,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy		50,000									50,000
Utility - Rates (stormwater)		150,000									150,000
Total		**200,000**									**200,000**

Budget Impact/Other

Specific operational impact will not be known until the study/design is completed for the fix. Amount listed is a placeholder.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4638

Project Name Syene Interceptor Extension

Department Public Works - Sewer
Contact PW Director/City Engineer
Type Improvement
Useful Life 100 Years
Category Utility & Urban Services
Priority 3 Important

Description

The Syene Interceptor will need to be extended in phases as development progresses south of Lacy Road.

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	20,000							100,000			120,000
Construction of New Facilities/Additions	180,000							900,000			1,080,000
Total	**200,000**							**1,000,000**			**1,200,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Assessed (sewer)	200,000							1,000,000			1,200,000
Total	**200,000**							**1,000,000**			**1,200,000**

Budget Impact/Other

Additional sewer cleaning will be necessary.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance		300		200	300		200	300			1,300
Total		**300**		**200**	**300**		**200**	**300**			**1,300**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4702

Project Name Stormwater Pond Dredging and Retrofits - Revised

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 30 Years
Category Utility & Urban Services
Priority 2 Very Important

Description

This project consists of dredging and retro fits of existing stormwater facilities to provide water quantity and/or water quality benefits. Anticipated ponds to receive full or partial dredging include the following:

Upcoming Projects (all funded by stormwater rates):
2020: Seminole Village Pond improvements $650,000 (accellerated from 2021 to 2020 and increased cost from $75,000 to $650,000)
2021: Renaissance Pond Repairs $195,000 (new)
2021: Ashbourne Pond Dredging $180,000 (new)
2022: McKee Farms Southwest pond $366,000 (delayed from 2020 to 2022)
2023: McKee Farms Alum Injection $105,000 (delayed from 2021 to 2023)
2023: Longford Terrace Pond Dredging $200,000 (new)

2018-2027 CIP Update: 2022-2027 Pond vegetative management conversion and ongoing dredging of existing ponds. Added pond dredging 2022-2027. Includes vegetation management for the first three years after dredging.

2020-2029 CIP Update: Removed vegetation management from the CIP and will add it to the operating budget. Added Seminole Village Pond dredging to 2020 because it will be less expensive to dredge the pond in conjunction with the McKee Road reconstruction project because we will already need to make modifications to the pond. Added Renaissance Pond to 2021 because the pond was severely damaged due to heavy rainfall over the last few years and needs significant repairs. Added Ashbourne and Longford Terrace ponds because they are the two ponds in most need of being dredged. Pushed other projects back two years. Removed the Seminole Village Pond improvements from future year.

Previously authorized funding (all through stormwater rates)
2016: Lacy Heights pond conversion to bioretention $30,000
2016: Chapel Valley West pond partial dredging $20,000
2016: Vegetation management $25,000
2017: Byrne Pond conversion $150,000
2017: Vegetation management $40,000
2018: Chapel Valley West partial dredging & dredging of other ponds $100,000
2018: Vegetation management $40,000
2019: Triverton Greenway restoration & bioretention facilities $85,000
2019: Vegetation management $45,000

Justification

Stormwater ponds need occasional dredging when excessive sediment builds up. For wet ponds, a minimum of 3' pond depth is necessary to obtain water quality credit for the pond to meet DNR water quality permit requirements. Dry ponds receive no water quality credit from DNR, which is why Fitchburg has historically converted dry ponds into wet ponds. During the Nine Springs Creek Watershed Master Planning process, options for converting dry ponds to bioretention facilities were evaluated. Since bioretention facilities provide stormwater volume control throughinfiltration/recharge, the current recommendations for Lacy Heights Pond and Byrne Pond are to convert them to bioretention facilities.

City of Fitchburg, WI

2017-2021 Update: The Justification is being amended to delete the reference to Lacy Heights Pond (since it will be constructed in 2016) and adds the following: "Vegetation management costs are anticipated to range between $35k and $50k per year and will be distibuted between all the projects foir a minimum of 3 years from final restoration."

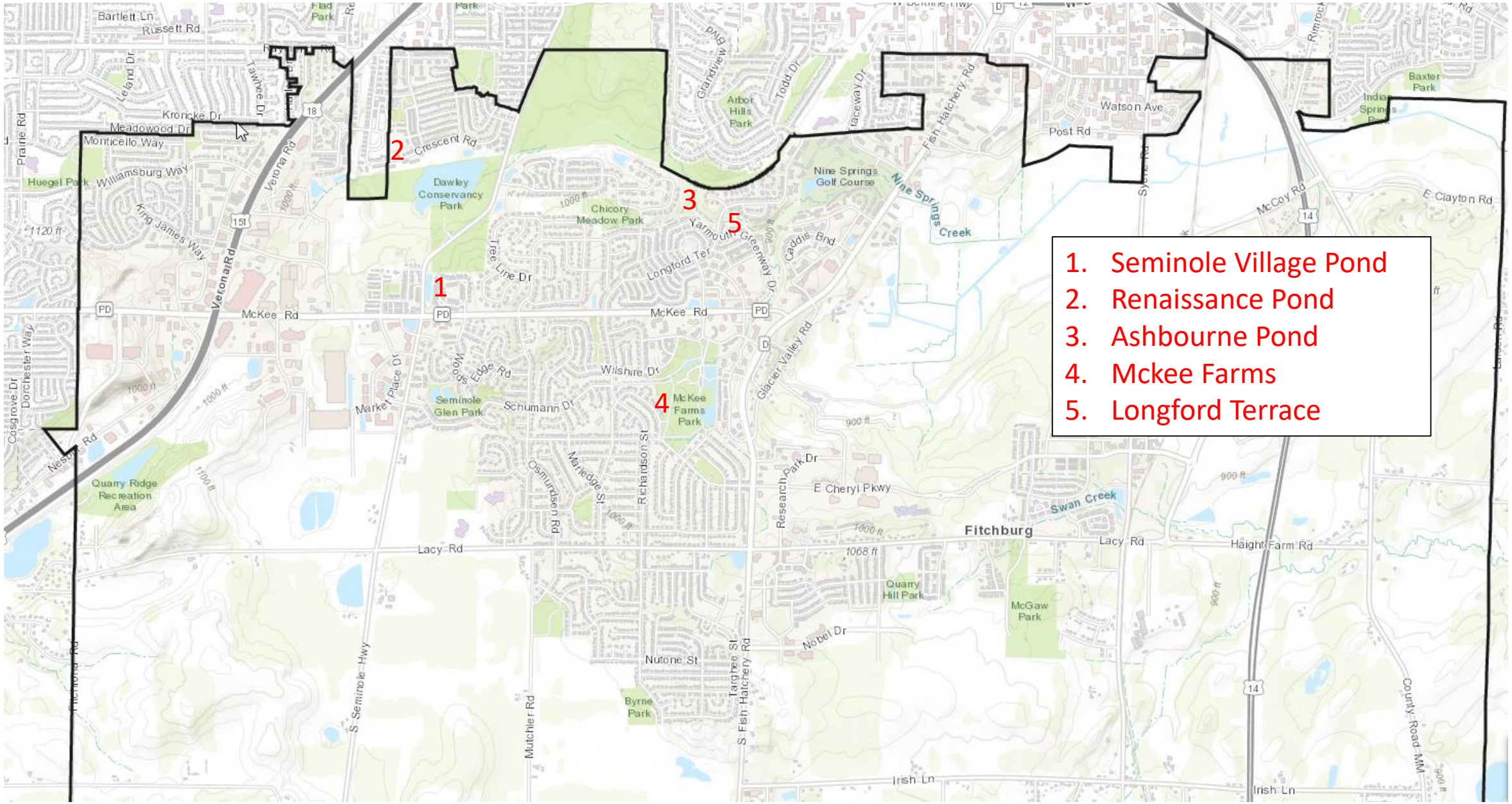
Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	650,000	375,000	366,000	305,000	118,000	123,000	128,000	133,000	138,000	143,000	2,479,000
Total	**650,000**	**375,000**	**366,000**	**305,000**	**118,000**	**123,000**	**128,000**	**133,000**	**138,000**	**143,000**	**2,479,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (stormwater)	650,000	375,000	366,000	305,000	118,000	123,000	128,000	133,000	138,000	143,000	2,479,000
Total	**650,000**	**375,000**	**366,000**	**305,000**	**118,000**	**123,000**	**128,000**	**133,000**	**138,000**	**143,000**	**2,479,000**

Budget Impact/Other

2020-2029 CIP Update: Vegetation management of $50k per year will be moved from the CIP to the operating budget.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**500,000**


1. Seminole Village Pond
2. Renaissance Pond
3. Ashbourne Pond
4. Mckee Farms
5. Longford Terrace
1
2
3
4
5
McKee Rd
Lacy Rd
Fitchburg
Crescent Rd
Dawley Conservancy Park
Chicory Meadow Park
Nine Springs Golf Course
Nine Springs Creek
Arbor Hills Park
Seminole Glen Park
McKee Farms Park
Quarry Ridge Recreation Area
Quarry Hill Park
McGaw Park
Byrne Park
Baxter Park
Huegel Park
Swan Creek
Post Rd
Watson Ave
E Clayton Rd
E Cheryl Pkwy
Wilshire Dr
Schumann Dr
Nobel Dr
Nutone St
Irish Ln
Haight Farm Rd
Tree Line Dr
Longford Ter
Yarmouth Greenway
Caddis Bnd
Glacier Valley Rd
Research Park Dr
Richardson St
Marledge St
Osmundsen Rd
Market Place Dr
Woods Edge Rd
Verona Rd
S Seminole Hwy
S Fish Hatchery Rd
Fish Hatchery Rd
Taywee Dr
Meadowood Dr
Monticello Way
Williamsburg Way
King James Way
Dorchester Way
Cosgrove Dr
Nesbitt Rd
Fitchburg Rd
Mutchler Rd
Todd Dr
Grandview Dr
Raceway Dr
Sycamore Rd
McCoy Rd
County Road MM
Prairie Rd
Leland Dr
Kroncke Dr
Bartlett Ln
Russett Rd
1120 ft
1000 ft
1100 ft
1068 ft
900 ft

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4705

Project Name Uptown Wet Pond - Revised

Type Improvement
Useful Life 20 Years
Category Utility & Urban Services
Department Public Works - Storm
Contact PW Director/City Engineer
Priority 3 Important



Description

This project consists of constructing a new stormwater pond for the Uptown (previously Nine Springs) Neighborhood. This pond would be designed and constructed on sod lands purchased by the City of Fitchburg in 2008 for stormwater detention for the Uptown (previously Nine Springs) Neighborhood. Design is anticipated in 2016 and construction in 2017. Costs for 2018-2020 include anticipated vegetation management to get native vegetation established.

2016-2020 CIP Update: project postponed by one year.

2017-2021 CIP Update: Design, Construction, and Vegetation Management costs are recommended to each be delayed one year. Neighborhood name changed from Nine Springs North to Uptown.

2019-2028 CIP Update: Construction year delayed one year to 2019 (didn't rebudget what was authorized in 2018). Construction Costs increased 10% based on 2018 bids. Land acquisition not previously included and increased 6% based on assessor.

2020-2029 CIP Update: Construction delayed until 2021. Intended pond area is within wetland. Costs below do not reflect wetland mitigation. Development in area may necessitate accelerating construction, or constructing a pond elsewhere outside wetland, by private developer. Cost shown in 2022 and beyond are vegetation maintenance. Because of the lengthly delay, did re-budget the project based on new timing; however, there is not a better estimate of costs because of the uncertainty with the project.

Previously authorized funding - none - all rebudgeted in 2020 and beyond.

Note: A 2007 stormwater charge report notified the property owners about the project and their requirement to pay for the project.

Justification

This project will reduce the negative impacts of stormwater runoff from the proposed Uptown (previously Nine Springs) Neighborhood and will be undertaken when development in the Uptown area warrants these improvements.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	35,000										35,000
Maint of Existing Facilities (util storm)		350,000	37,000	25,000	10,000						422,000
Total	**35,000**	**350,000**	**37,000**	**25,000**	**10,000**						**457,000**

City of Fitchburg, WI

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Assessed (storm)	35,000	350,000	37,000	25,000	10,000						457,000
Total	**35,000**	**350,000**	**37,000**	**25,000**	**10,000**						**457,000**

Budget Impact/Other

A new stormwater pond would be added as part of this project, increasing maintenance costs beginning after 2021 (update to 2022).

2019-2028 CIP Update: Project delayed one year and decreased base year maintenance costs from $3,200 to $2,000.

2020-2029 CIP Update: Project delayed one year and increased base year maintenance costs from $2,000 to $2,500.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4708

Project Name Greenway Restoration & Pond Enlargement - Revised

Type Improvement
Useful Life 20 Years
Category Utility & Urban Services
Department Public Works - Storm
Contact PW Director/City Engineer
Priority 3 Important



Description

This project consists of restoring the Schumann Greenway from the intersection of Schumann Drive and Richardson Street easterly through McKee Farms Park up to and including the McKee Farms Northwest Pond. The Northwest Pond is also planned to be enlarged to include the existing greenway area. Excessive sediment built up in the greenway will also be removed and eroded ruts will be stabilized. Costs for 2017-2019 include anticipated vegetation management to get native vegetation established.

2019-2028 CIP Update: Added $5,000 to both 2019 & 2020.

2020-2029 CIP Update: Added addiitonal $5,000 to 2020.

Previously authorized funding:
2016: $225,000
2017: $15,000
2018: $10,000
2019: $10,000

Justification

Significant erosion and sedimentation has occurred in this existing channel The proposed design will address this erosion and sedimentation and make the greenway easier to maintain. The Northwest Pond enlargement would also significantly improve sediment and nutrient loading heading downstream.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	10,000										10,000
Total	**10,000**										**10,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (stormwater)	10,000										10,000
Total	**10,000**										**10,000**

Budget Impact/Other

New storm sewer will be installed with this project; however, maintenance of this storm sewer is anticipated to be minimal and should be offset by reduced erosion and improved access to maintaining the greenway.

2019-2028 CIP Update: Added maintenance costs based on similar ponds.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4711

Project Name Traceway Drive Storm Sewer Reroute - Revised

Type Improvement
Useful Life 50 - 100 yrs
Category Utility & Urban Services
Department Public Works - Storm
Contact PW Director/City Engineer
Priority 3 Important



Description

Reroute ~1,500 l.f. of 24" and 48" storm sewer from Traceway Drive to the existing stormwater/irrigation pond on the Nine Springs Golf Course property. The proposed route includes the need to obtain a ~305' long by ~20' wide permanent limited easement. Design and easement acquisition are anticipated for 2016, with construction in 2017. The project would include partial dredging at the existing storm pipe at the NW corner of the pond and improvements to the pond release structure. Costs for 2018 to 2020 are included for vegetation management to establish native vegetation.

2017-2021 CIP Update: Design and easement acquisition are recommended to move from 2016 to 2017 due to staff capacity issues (but not rebudgeted). Construction is recommended to move from 2017 to 2019 Vegetation Management Costs are recommended to move to 2020 to 2021

2019-2028 CIP Update: Project delayed one year from construction in 2019 to 2020. Added additional design funding for increased cost.

2020-2029 CIP Update: Project delayed three years so that there won't be conflicts with the S. Fisch Hatchery Road project and to spread-out capital needs. Also rebudgeted entire project due to multiple year delay.

Previously authorized funding: None, all rebudgeted due to lengthly delay in project

Justification

Stormwater from a ~70 acre watershed currently drains into existing storm sewer that discharges directly into Nine Springs Creek with no detention or water quality treatment. During the Nine Springs Creek Watershed Master Planning process, a cost-effective solution to getting detention and treatment was identified as a potential storm sewer reroute from Traceway Drive to the existing large stormwater/irrigation pond on the Nine Springs Golf Course property.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng				24,000							24,000
Land Acquisition				10,000							10,000
Maint of Existing Facilities (util storm)					225,000	15,000	10,000	5,000			255,000
Total				**34,000**	**225,000**	**15,000**	**10,000**	**5,000**			**289,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (stormwater)				34,000	225,000	15,000	10,000	5,000			289,000

Total	34,000	225,000	15,000	10,000	5,000	289,000

Budget Impact/Other

A new stormwater pond would be added as part of this project, increasing maintenance costs.

2019-2028 CIP Update: Project delayed one year.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4713

Project Name Fitchrona Road Stormwater Improvements - Revised

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Utility & Urban Services
Priority 2 Very Important

Description

This project consists of designing and installing a new storm sewer culvert under Fitchrona Road north of Lacy Road upstream of Goose Lake. In 2017, the construction includes installation of a new culvert at ~$20k. Conceptual planning of future improvementsis anticipated to be ~$10k in 2017. In 2018, the planning and final design is anticipated to be ~$30k, to be split between the City of Fitchburg (~1/3), Town of Verona (~1/3) and grant funding (~1/3). Construction would likely take place in 2019, estimated at ~$150k to be split by Fitchburg (~1/3), Town of Verona (~1/3), and grant funding (~1/3).

2018-2027 CIP Update: Revised funding source for the planning/design/engineering to split evenly between the Town of Verona and Fitchburg Stormwater Utility with no grant funding.

2019-2028 CIP Update: Town did not budget for this study and has been delayed for one year. City to begin process in 2018 with the funds allocated by the utility. Construction is moved to 2020 pending grant and Town of Verona funding availability. Construction costs increased 10% for 2019 to reflect current bids and 3% for 2020.

2020-2029 CIP Update: Coordination with the Town of Verona has not been completed due to staffing issues. The following items have been pushed back: culvert installation ~$25k (2020), planning and final design ~$35k (2020), and construction ~$169,500 (2021). Rebudget project due to multi-year delays.

Previously authorized funding: None, all rebudgeted.

Justification

Fitchrona Road floods on a frequent basis (~every other year or so) leading to safety issues for drivers and bikers travelling this route. When the road is closed due to flooding, Fire, police, and EMS services need to choose alternate routes which leads to increased safety issues and risks. The anticipated stormwater improvements would be planned to address the current flooding risks as well as improve water quality of the stormwater heading to Goose Lake.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	30,000										30,000
Construction of New Facilities/Additions	25,000	169,500									194,500
Total	**55,000**	**169,500**									**224,500**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Grants/Donations (non-util)	10,000	56,500									66,500
Contribution from Other Entities	10,000	56,500									66,500
Utility - Rates (stormwater)	35,000	56,500									91,500
Total	**55,000**	**169,500**									**224,500**

Budget Impact/Other

The maintenance of new storm sewer pipe is minimal and should be offset by fewer drainage concerns and reduced clean up costs. The need to set up temporary signage for road closures associated with flooding events should be reduced along with reduced risk of flooding vehicles, and adjacent properties.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4714

Project Name Drainage and Flooding Improvements

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 30 Years
Category Utility & Urban Services
Priority 3 Important

Description

The stormwater utility frequently gets requests to investigate or repair flooding and drainage concerns. This CIP woulld allocate some funding to study public drainage issues and to implement small capital projects in order to improve flooding concerns.

2018-2027 CIP Amendment: Added $180,000 to enlarge the Hillside Heights retention pond. Cost-share with DNR, donated labor by resident with relative experience, and special assessment to benefited property owner will be considered.

2019-2028 CIP Update: Comprehensive drainage studies have been averaging $30,000-$40,000 per project. Solutions to issues range upwards of $100,000. Revised study costs to reflect inflation.

Previously authorized funding:
2018: $180,000 enlarge Hillside Heights pond
2018: $25,000 misc improvements

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (util storm)	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	413,274
Total	**36,050**	**37,132**	**38,245**	**39,393**	**40,575**	**41,792**	**43,046**	**44,337**	**45,667**	**47,037**	**413,274**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (stormwater)	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037	413,274
Total	**36,050**	**37,132**	**38,245**	**39,393**	**40,575**	**41,792**	**43,046**	**44,337**	**45,667**	**47,037**	**413,274**

Budget Impact/Other

2019-2028 CIP Update: Revised operational cost to reflect inflation.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	41,328

Total	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704	41,328

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4717

Project Name Curry Court Flooding - New

Type Improvement
Useful Life 20 Years
Category Utility & Urban Services
Department Public Works - Storm
Contact PW Director/City Engineer
Priority 3 Important



Description

Notes - The purpose of this project would be to analyze the flooding problem at Curry Court, determine alternatives to fix the issue, and provide a price estimate for each alternative. We anticipate that fixing the issue would involve building a pump station to send the water south to Murphy Creek. Any alternative to fix the flooding at Curry Court would be contingent upon first improving the street to include curb, gutter, and storm sewers to collect the water. This would be assessed to the home owners.

2023 - Collect data and model flooding problems, determine alternatives to fix the problem, provide concept-level plans and a cost estimate for each alternative. Select alternative that will be selected for design.
2024 - Develop design plans.
2025 - Improve the road and construct the selected alternative. The cost to improve the road is approximately $160,000, of which approximately $110,000 is assessable. We anticipate that the average lot would be assessed approximately $10,000. The actual cost of the solution to the flooding problem will be determined once it has been designed. The cost to construct the alternative to address the flooding will be determined when it is designed. A placeholder of $400,000 has been included.

Justification

The Curry Court neighborhood was built during a time when stormwater drainage was not always considered and houses were often built using the natural topography of the land. Unfortunately, Curry Court was built on a very flat area with no natural outlet and the neighborhood has dealt with stormwater issues for years. In the past few years, flooding has been worse than normal due to the record-high groundwater throughout the community.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng				40,000	45,000						85,000
Construction of New Facilities/Additions						560,000					560,000
Total				**40,000**	**45,000**	**560,000**					**645,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy						50,000					50,000
Utility - Assessed (storm)						110,000					110,000
Utility - Rates (stormwater)				40,000	45,000	400,000					485,000
Total				**40,000**	**45,000**	**560,000**					**645,000**

Budget Impact/Other

If a lift station is installed to pump water away from Curry Court, there would be cost associated with maintaining the equipment.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4718

Project Name Lake Barney Watershed - New

Type Improvement
Useful Life 50 Years
Category Utility & Urban Services
Department Public Works - Storm
Contact PW Director/City Engineer
Priority 4 Less Important



Description

In the last few years, Fitchburg has experienced large storm events and is seeing record-high groundwater levels. Lake Barney is a glacial kettle with no natural outlet. Under normal circumstances (i.e., as seen over the last 50+ years), water that flows into the lake does not leave and eventually infiltrates/evaporates over time. In 2018, water levels in the lake rose to the point where it overflowed and continued downstream towards the Village of Oregon. One residence located near the lake was required to put up a four foot tall dike and nearby agricultural land is submerged in water.

Justification

Although flooding does not impact City property (and therefore would ordinarily be treated as a private property concern where the property owner is responsible), due to the enormity of this issue, there is public interest in having the City implement a plan to lower the lake levels. In discussions with the DNR, there is precedence for lowering lake levels in a kettle at Crystal Lake and Fish Lake. In the case of Fish Lake, owners formed an association to create a plan for pumping. In the case of Crystal Lake, the Town was involved because one of their roads was being flooded out. In those cases, implementing the solution was over a five-year effort.

2020 - Gather historical data and create model of watershed, perform wetland delineations, prepare concept-level design and cost estimate, work with DNR to get "go" or "no-go" on project, public outreach in Fitchburg, Town of Oregon, Village of Oregon on concept-level design to gather feedback and ideas
2021 - Complete 70% design and update the cost estimate, Continue to work with DNR to address comments on project, public outreach on changes to design and to gather feedback
2022 - Identify discharge location and work with DNR to develop an appropriate discharge plan with the goal of not negatively impacting downstream communities (identify times of year for discharge, rates of discharge, considerations before allowing discharge, etc), public outreach, 100% design plans
2023 - Work on acquiring necessary easements for the areas where storm sewer will need to cross
2024 - Project construction, public outreach

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	60,000	60,000	60,000	50,000							230,000
Land Acquisition				300,000							300,000
Construction of New Facilities/Additions					900,000						900,000
Total	**60,000**	**60,000**	**60,000**	**350,000**	**900,000**						**1,430,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Borrowing (storm)				300,000	900,000						1,200,000
Utility - Rates (stormwater)	60,000	60,000	60,000	50,000							230,000

Total	60,000	60,000	60,000	350,000	900,000	1,430,000

Budget Impact/Other

Specific operational impact will not be known until a study/design is completed for a potential fix. Could be minimal or could be a lot if a pump is involved.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4719

Project Name Upsize Schumann Drive Storm Sewer - New

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 30 Years
Category Utility & Urban Services
Priority 4 Less Important

Description

Upsize the storm sewer between the Seminole Glen kettle and Schumann Greenway in order to reduce the amount of water entering the kettle. Note: design of the project expected to be completed by City staff.

Justification

In the last few years, heavy precipitation has caused up to ~20 feet of water in the Seminole Glen kettle that took months to infiltrate. The neighborhood is concerned that the standing water may kill legacy oaks within the kettle and alter its ecosystem. There is also a safety concern because of the steep banks when there is a large amount of water in the kettle. Currently, we are diverting water from the Stoner Prairie neighborhood from entering the kettle, by pushing it downstream to the Schumann Greenway. However, this is not a good long-term solution because the storm sewer between the kettle and the Schumann Greenway was not designed to take the additional flow, and thus could cause surcharge (i.e., storm manholes popping off) and street flooding.

Note: the project would not be assessed because at the time of development, the solution of discharging into the kettle was approved by the City. Since that time the valve to the kettle was closed as a result of neighbor concerns.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng						0					0
Construction of New Facilities/Additions						800,000					800,000
Total						**800,000**					**800,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Borrowing (storm)						800,000					800,000
Total						**800,000**					**800,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4720

Project Name Seminole Glen Park Pond - New

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Utility & Urban Services
Priority 4 Less Important

Description

This project creates an outlet structure for the Seminole Glen Park pond to increase the capacity of the pond.

Justification

By increasing the capacity of the pond, we will help protect the Seminole Glenn kettle from flooding by reducing the amount of water sent to it.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction of New Facilities/Additions	12,000										12,000
Total	**12,000**										**12,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (stormwater)	12,000										12,000
Total	**12,000**										**12,000**

Budget Impact/Other

We anticipate needing to patch and repair the concrete structure occasionally.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance	50	50	50	50	50	50	50	50	50	50	500
Total	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**500**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4721

Project Name Stormwater Pump - New

Department Public Works - Storm
Contact PW Director/City Engineer
Type Equipment
Useful Life 20 Years
Category Apparatus & Equipment
Priority 2 Very Important

Description

To purchase a pump to be used if flooding occurs and public infrastructure is at stake. Based on the item purchased it may also be useful in an emergency at the lift station.

Justification

Over the last few years, the City has seen extreme rainfall events. As a result, the City has needed to pump several times over the past few years where public infrastructure and property were at stake. We feel it would be prudent for the City to own its own pump, so we don't need to rely on the availability of a pump to rent when flooding occurs. Also, renting a pump costs approximately $700 per day (in the spring of this year, we rented a pump for 7 days and it cost ~$5k).

While financially it may make sense to continue to rent a pump (annualized cost is $5,000, which is the rental cost in an unusual year), during a flood there is a time urgency. If the City relies on renting, there is a risk that another municipality got to the vendor first, and now the pump is not available to rent. The same problem exists with mutual aid. The City could borrow a pump from another municipality but if there's flooding here, there likely is flooding in neighboring communities as well.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (stormwater utility)	100,000										100,000
Total	**100,000**										**100,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (stormwater)	100,000										100,000
Total	**100,000**										**100,000**

Budget Impact/Other

Maintenance costs include tune-ups, minor repairs, and fuel costs.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance	150	300	309	318	328	338	348	358	369	380	3,198
Total	**150**	**300**	**309**	**318**	**328**	**338**	**348**	**358**	**369**	**380**	**3,198**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4722

Project Name TMDL Modeling - New

Department Public Works - Storm
Contact PW Director/City Engineer
Type Plans/Studies
Useful Life 15 years
Category Utility & Urban Services
Priority 3 Important

Description

The scope of this project would include: 1) Review and update the City's 2008 stormwater quality model for the Lake Wingra and Swan Creek watersheds following DNR's Total Maximum Daily Load (TMDL) modeling guidance, 2) Review and update the City's 2014 Nine Springs Creek stormwater quality model adding in new practices installed since the model was created, 3) Develop a report that discusses TMDL requirements, modeling results, an analysis of how these results impact MMSD fees, and an analysis of the most effective path forward to meet TMDL requirements (continued participation in MMSD, compliance during this permit term, or compliance over multiple permit terms).

Note: Potential future capital costs will be considered once the study is completed, but amounts are currently unknown.

Justification

The purpose of this project would be to determine the most cost-effective path forward to meet TMDL requirements, including an analysis of which best management practices will remove the most pollutants per dollar spent.

The City applied for a grant in 2019 that, if awarded, would cover 50% of the cost of the study. There may also be a grant opportunity for future construction costs.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	130,000										130,000
Total	**130,000**										**130,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Grants/Donations	65,000										65,000
Utility - Rates (stormwater)	65,000										65,000
Total	**130,000**										**130,000**

Budget Impact/Other

This project may result in different operating costs but will depend on the results of the modeling. If infrastructure is added, there will be additional operating costs; however it may still result in less cost than using the current conservative (not modeled) estimate and paying MMSD based on those numbers.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4723

Project Name Lacy/Seminole Regional Stormwater - New

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 30 Years
Category Utility & Urban Services
Priority 1 Urgent

Description

Regional stormwater study, design, and construction for the area including TID #9 boundary area near Lacy/Seminole and south of boundaries (Obrien's) . Per North Stoner Prairie Neighborhood Plan (Appendix H, Conceptual Stormwater Management Plan), part of TID 9 north of Lacy has the potential to discharge to Obrien farm to the southwest of Lacy/Seminole, which is part of an enclosed depression. In addition to TID 9, there is a large drainage area (both urbanized and rural) feeding into to this enclosed depression. There is no natural outlet to this area.

2020 - Perform a comprehensive drainage study of the area, with potential recommendations for pumping plans if needed, identification of potential drainage infrastructure, identification of retention areas, identification of low impact development techniques or recommended stormwater ordinance changes, or recommended conditions on development. TID #9 Amendment #2 includes 75% funding ($225,000 of $300,000 total). Remaining 25% to be paid through stormwater utility.

2022 - Following a drainage study of the area, construct recommended drainage infrastructure. Infrastructure could be potentially upstream of enclosed depression, within enclosed depression, or downstream. TID #9 Amendment #2 includes 75% funding ($2,393,000 of $3,190,100 total). Remaining 25% to be paid through stormwater utility.

Justification

As Fitchburg continues to urbanize, comprehensive stormwater manangement strategies will become critical to mitigate and manage flooding. This is a critical area as there is no natural outlet from the area.

While the individual lots within the Stoner Prairie neighborhood will be able to meet the requirements of the City's stormwater ordinance, we are concerned about development because large portions of the neighborhood drain to kettles with no natural outlets. The Stoner Prairie Neighborhood Plan sets forth concept-level ideas for how to deal with stormwater within the neighborhood; however, these ideas need to be developed more fully.

The large kettle located to the south of Sub-Zero Parkway has been full for the past year and water levels continue to increase. The Stoner Prairie Neighborhood Plan indicates that the kettle would provide protection from two back-to-back 100-year storm events; however, this assumes that the kettle is empty. If the kettle is full of water, it does not provide that protection, and there is currently no regional plan for how to deal with water if the kettle were to overflow. There is the potential of flooding public and private facilities within and outside of the watershed.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	300,000										300,000
Construction of New Facilities/Additions			3,190,100								3,190,100
Total	**300,000**		**3,190,100**								**3,490,100**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
TIF #9	225,000		2,393,000								2,618,000
Utility - Borrowing (storm)			797,100								797,100
Utility - Rates (stormwater)	75,000										75,000

Total	**300,000**	**3,190,100**		**3,490,100**

Budget Impact/Other

Maintenance costs are a placeholder and can be better estimated once design is identified.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance			5,000	5,150	5,304	5,464	5,628	5,796	5,970	6,149	44,461
Total			**5,000**	**5,150**	**5,304**	**5,464**	**5,628**	**5,796**	**5,970**	**6,149**	**44,461**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4724

Project Name Lacy/Seminole Storm Ponds for Roads - New

Department Public Works - Storm
Contact PW Director/City Engineer
Type Improvement
Useful Life 30 Years
Category Utility & Urban Services
Priority 3 Important

Description

Stormwater Ponds associated with road construction for TID 9 Amendment 2 (Lacy and Seminole). Stormwater facility locations not yet identified, however, anticipated to be in the vicinity of Fitchrona/Lacy, and in the vicinity of Seminole/Lacy. TID 9 Amendment 2 includes funding for this improvement ($1,049,000)

Justification

Conversion of rural roads to urban cross sections will require compliance with stormwater regulations.

Assumed that exisitng roads have accounted for the needed stormwater and any adjustments now are the result of the TID.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	157,350										157,350
Construction of New Facilities/Additions		891,650									891,650
Total	**157,350**	**891,650**									**1,049,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
TIF #9	157,350	891,650									1,049,000
Total	**157,350**	**891,650**									**1,049,000**

Budget Impact/Other

Future required maintenance includes mowing and other vegetation maintenance. Beyond 2029, future dredging anticipated to remove accumulated sediment.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance			5,000	5,150	5,304	5,464	5,628	5,796	5,970	6,149	44,461
Total			**5,000**	**5,150**	**5,304**	**5,464**	**5,628**	**5,796**	**5,970**	**6,149**	**44,461**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3103

Project Name Intersection Signalization - Revised

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Street Improvements
Priority 3 Important

Description

All intersection signalizations would occur when warrants are met.

2017-2021 CIP Update: Additional funds were added to 2018 to account for the addition of turn lanes at the intersection if needed on Fitchrona/Nesbit.

2018-2027 CIP Update: Added $50,000 in 2022 and $300,000 in 2023 as a placeholder for design and construction for future traffic signal at McCoy Road/CTH MM. Actual construction year will be based on meeting warrants for a signal. County will likely participate in operating costs if warrants are met, but not capital cost.

2019-2028 CIP Update:
Remove 2018 Fitchrona/Nesbitt Construction $325,000 (roundabout selected).
Revise McCoy Road/CTH MM intersection $350,000 to reflect County participation in design and construction improvements and accellerate two years from 2022/23 to 2020/21.

2020-2029 CIP Update: Signal Warrants are met for McCoy Road and MM intersection in 2020. County participation at 50% of total cost expected. Timing to coincide with USH 14 reconstruction.

Upcoming projects:
2020/2021: McCoy Road/CTH MM $350,000 (50/50 County/City) - accellerated one year from 2020/2021 to all in 2020

Previous authorized funding:
2015: Fish Hatchery/Pike future intersection $160,000 (borrowing/TIF 10)
2016: Fish Hatchery/Pike land acquisition $1.1 million & signal $500,000 (assessed/TIF 10)
2017: Fitchrona/Nesbit planning $10,000 (assessed/TIF 6)
2017/2018: Fitchrona/Nesbit construction $325,000 (TIF 6) - removed

Justification

Fish Hatchery/Pike (2016): The redevelopment of 2920 Fish Hatchery Road may require a traffic signal for the intersection of future Pike Drive extended with Fish Hatchery Road. To be funded by TID #10.

Fitchrona/Nesbit (2017/18): The traffic on Fitchrona Road continues to increase. We are anticipating the intersection at Nesbit Road will meet warrants for signals within 5 years. Potentially install in 2018. To be funded by TID #6 in lieu of a roundabout.

McCoy/MM (2020/21): Significant queueing is already occurring on McCoy Road during peak PM hours. With the additional traffic generated by Terravessa and build-out of Uptown areas, the operations at this intersection will continue to deteriorate, resulting in the need for a traffic signal.

City of Fitchburg, WI

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	50,000										50,000
Construction of New Facilities/Additions	300,000										300,000
Total	**350,000**										**350,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	175,000										175,000
Contribution from Other Entities	175,000										175,000
Total	**350,000**										**350,000**

Budget Impact/Other

Electricity and Madison traffic engineering costs for the new signal ($750/year/signal).

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other (Insurance, Utilities)	750	750	750	750	750	750	750	750	750	750	7,500
Total	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**7,500**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3319

Project Name Street Resurfacing Program - Revised

Type Improvement
Useful Life 30 yrs
Category Equipment Replace/ Resurface

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 2 Very Important



Description

This funding is for the annual street resurfacing program. We currently resurface approximately 2.5 to 3.0 miles of roadway per year. Utility non-assessed is for utility work associated with the resurfacing program. This would include manhole adjustments, fire hydrant replacements, water valve adjustments, and necessary storm sewer improvements.

Note: This project is tied to CIP #3427 Pedestrian and Bike System Improvements

2016-2020 CIP Update: project includes $3,476,000 "catch-up" amount to be funded by debt to address all of the roads from 1989 and older. Future annual contributions to this project will be based on a 30 year lifecycle of roads and will be fully paid through rates and tax levy (no longer borrowing). The annual amount of $1,127,000 ($986,000 from levy) is what is needed using 2015 estimated costs and does not include a construction cost inflationary amount.

2016-2020 CIP Amendment: Restored project to funding level and sources included in the 2015-2019 CIP with a similar projection into 2020.

2016 Budget: Council amendment during 2nd round reduced 2016 projects (funded by levy) by $350,000

2017-2021 CIP Update: Allows resurfacing of 2.5 to 3.0 miles per year. The City has 122.26 municipal miles of streets in 2016. LRIP grant funding provides $55K in the odd years. Corrected utility amounts needed to match general street allocation. Corrected borrowing amount in 2020 to continue trend of reducing reliance on borrowing for streets.

Included in "other" is a phase-in of sustainable funding for street maintenance at a $50,000 / year increase. The actual streets to be included in the additional amount have not been determined (and thus are not included on the map). Also, the utility costs that would be required is estimated at 10% and included in "other" funding sources. The estimated 90% funded by capital levy is included in the capital project levy funding source.

2017 Mayor's Proposed Budget Update: Removed 2017 "other" portion of streets projects.

2018-2027 CIP Update: Continued program goals from last CIP and "re-started" additional phase-in at $50,000. 2023-2027 Stormwater and utility charges were averaged from last 5-years. Streets were adjusted due to ratings and streets not included in 2017 project

2019-2028 CIP Update: Updated project expenditure and funding amounts based on intended trends in allocated funding.

2019-2028 CIP Council Amendment (1 of 2): Increase funding based on prior year mileage increase ($21,000 / year for streets added in 2017). Continue calculation for future years.

2019-2028 CIP Council Amendment (2 of 2): Increase funding by $135,000 for Whalen Rd based on 2018 amendment to shift funding to paved shoulders on same road.

2019 Budget: Mayor removed phase II Whalen Road $135,000; restored by Council Amendment.

2020-2029 CIP Update: Updated Grants to align with current LRIP funding levels; inflated assessment amount by 3%/year starting with 2019 adopted amount; added water costs as follows:
2022: $410,000 = Pawnee Pass: Replace 950' of cast iron water main pipe @ $190,000 + Crescent Road: Replace 1,100' of case iron water main pipe @ $220,000
2023: $374,000 = Lyman Lane: Replace 1150' of Asbestos Water Main Pipe @ $230,000 + Jacquel Drive: Replace 720' of Asbestos Water Main Pipe @ $144,000

Added funding based on policy implemented by Council in 2019 budget that increases funding based on prior year mileage increase ($7,000 / year for streets added in 2018).

12/31/18 fund balance: $135,092.10 ($57K encumbered for 2018 projects in process)

Justification

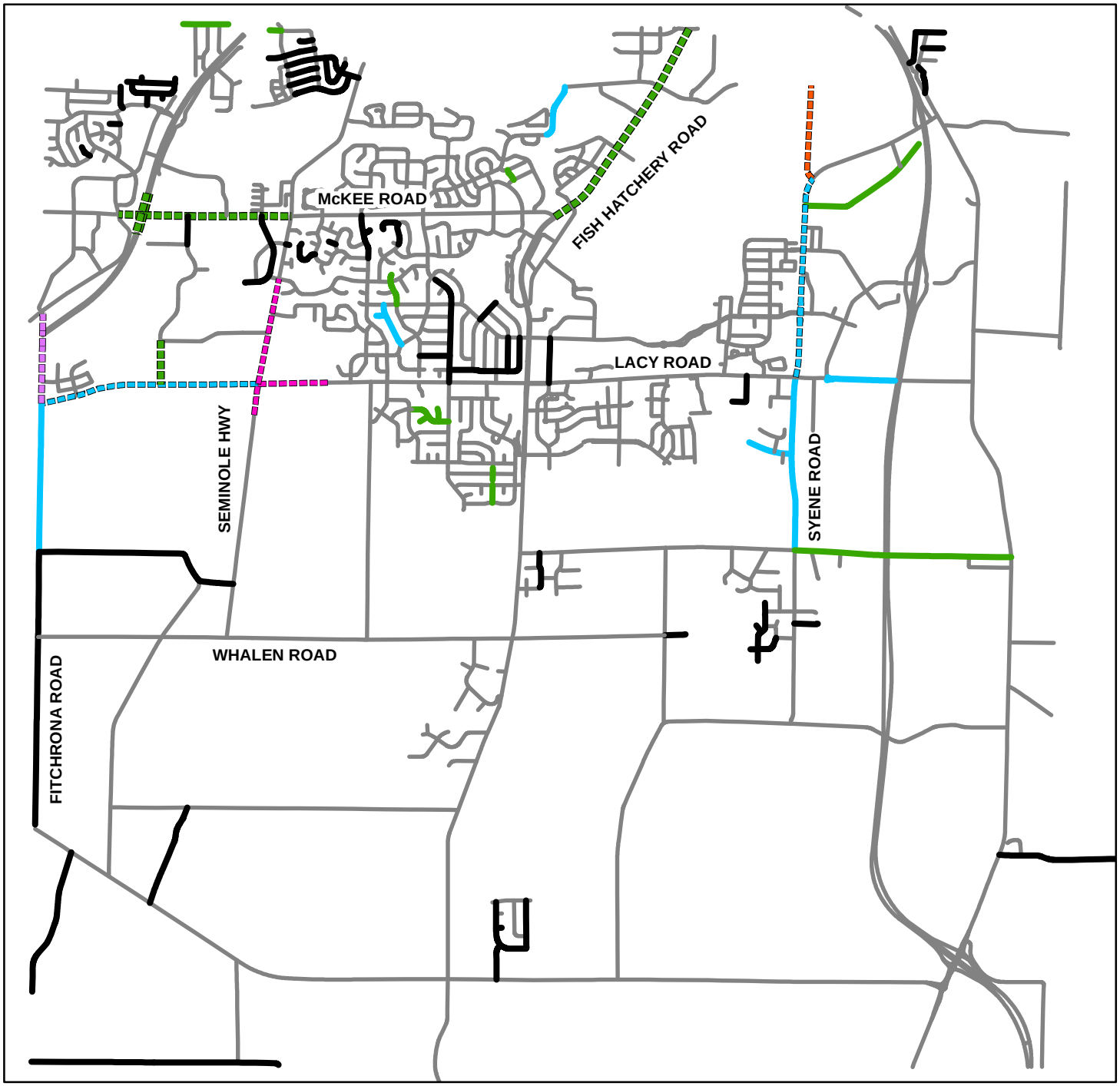
It is important to fund a yearly resurfacing program to avoid an expensive backlog of streets needing work and to reduce future maintenance costs. We had been spending $350,000 since 1990. Our mileage in 1990 was only 80 centerline miles. In 2009, we increased the year's funding to $375,000 and in 2012 to $750,000. The 2013 Budget reduced funding for this program to $700,000. Due to the increased amount of street mileage to resurface and an 8% increase in asphalt costs, the yearly funding needed to be increased. With 120 miles of road in 2014 and a 30 year life cycle, we should be resurfacing 4 miles of roadway per year. This will require additional funds over the next 5 years. Offsetting this is the approximately $1,071,680 in transportation aids from the gas tax for street maintenance and other transportation programs.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	550,000	600,000	3,750,000
Maint of Existing Facilities (highway)	789,050	854,082	789,114	855,147	789,182	855,217	789,254	856,291	789,330	835,370	8,202,037
Maint of Existing Facilities (util storm)	8,000	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	61,000
Maint of Existing Facilities (water)	68,500	6,000	651,660	395,000	21,000	21,000	21,000	21,000	21,000	21,000	1,247,160
Maint of Existing Facilities (sewer)	68,500	6,000	241,660	21,000	21,000	21,000	21,000	21,000	21,000	21,000	463,160
Total	**1,084,050**	**1,071,082**	**1,938,434**	**1,577,147**	**1,187,182**	**1,303,217**	**1,287,254**	**1,404,291**	**1,387,330**	**1,483,370**	**13,723,357**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)	100,000	75,000	50,000	25,000							250,000
Capital Property Tax Levy	788,000	858,000	928,000	998,000	1,068,000	1,113,000	1,158,000	1,203,000	1,248,000	1,272,000	10,634,000
Assessed (non-util, non-debt)	36,050	36,082	36,114	36,147	36,182	36,217	36,254	36,291	36,330	36,370	362,037
Grants/Donations (non-util)		65,000		66,000		66,000		67,000		67,000	331,000
Other (describe)	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000	55,000	60,000	375,000
Utility - Rates (stormwater)	8,000	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	61,000
Utility - Rates (water)	68,500	6,000	651,660	395,000	21,000	21,000	21,000	21,000	21,000	21,000	1,247,160
Utility - Rates (sewer)	68,500	6,000	241,660	21,000	21,000	21,000	21,000	21,000	21,000	21,000	463,160
Total	**1,084,050**	**1,071,082**	**1,938,434**	**1,577,147**	**1,187,182**	**1,303,217**	**1,287,254**	**1,404,291**	**1,387,330**	**1,483,370**	**13,723,357**

Budget Impact/Other

PROJECT 3319 AND OTHER ROADWAY PROJECTS



Legend

Fitchburg.GISOWNER.Street_Maintenance

- <all other values>

Future Maint Year, Future Maint Type

- 2020, OTHER
- 2020, Resurface
- 2021, OTHER
- 2021, Resurface
- 2022, OTHER
- 2023, OTHER
- 2024, OTHER
- Future, Resurface

Subject to Change

0 0.5 1 2 Miles

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3365

Project Name Herman Road Realignment/Extension - Deleted

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 50 yrs
Category Road Improvements
Priority 3 Important

Description

Realign Herman Road to align with proposed road from the Nine Springs Neighborhood. Includes extending Herman Road across city owned property adjacent to the proposed Nine Springs basin. West Clayton Road would be realigned to connect to the new Herman Road.

Amended in 2014 to move project from 2016/17 to 2017/18

2017-2021 CIP Update: Delay project by one year from 2017/18 to 2018/19

2017-2021 CIP Amendment: Delay project from 2018/19 to 2021.

2018-2027 CIP Update: Delay project from 2021 to 2025.

2020-2029 CIP Update: Project removed. An alternate north-south connection is expected to be funded by the developer.

Justification

The connection of Herman Road would provide a secondary ingress and egress to the Nine Springs Neighborhood. The cost of the road could potentially be charged as an area wide assessment to the Nine Springs Neighborhood.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng						0					0
Contingency						0					0
Maint of Existing Facilities (highway)						0					0
Total						**0**					**0**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy						0					0
Borrowing (non-util assess)						0					0
Total						**0**					**0**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3367

Project Name Syene Road - McCoy Road N to City limit - Rev

Type Improvement
Useful Life 20 Years
Category Road Improvements
Department Public Works - Streets
Contact PW Director/City Engineer
Priority 3 Important



Description

From McCoy Road to Post Road, pulverize the existing pavement and add 5' paved shoulders that would be designated as bike lanes. This project could be submitted for a TAP (Transportation Alternatives Program) or PARC (Partners for Area Recreation and Conservation) grant. A TAP grant has been submitted in the past, but has been unsuccessful in being funded. The design could also include an evaluation of the paved shoulders or off-road facility (boardwalk/path) to determine the best solution for accommodation through this area.

2020-2029 CIP Update: Project delayed two years from 2022/23 to 2024/25.

Justification

The 2017 Bicycle and Pedestrian Plan identifies Syene Road as a primary bike route in Fitchburg. This stretch of road lacks accommodation for bicyclists and pedestrians. With the growth that is occurring on the east side of the City, the connectivity to Madison, Post Road, Jenni & Kyle Preserve, and the potential for a Perry Street overpass over the beltline, the addition of paved shoulders on N. Syene Road becomes more critical. The paved shoulders would provide continuity in a bike connection between Fitchburg and Madison, the Capital City Trail, and the Uptown neighborhood.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng					90,000						90,000
Maint of Existing Facilities (highway)						700,000					700,000
Total					**90,000**	**700,000**					**790,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy					90,000	350,000					440,000
Grants/Donations (non-util)						350,000					350,000
Total					**90,000**	**700,000**					**790,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3368

Project Name S. Syene-McCoy to Lacy Rd

Type Improvement
Useful Life 50 yrs
Category Street Improvements

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 3 Important



Description

Total Project Cost: **$7,045,000**

This project includes the reconstruction of S. Syene Road from McCoy Road to south of E. Cheryl Parkway. This would be a rural to urban reconstruct with intersection improvements. A roundabout is planned at E. Cheryl Parkway. This project would also evaluate a potential speed limit reduction on S. Syene Road and be designed based on that lower speed limit.

Note: $800,000 for the railroad crossing at Syene and Lacy moved from CIP #3468 Lacy Road to CIP #3368 S. Syene - McCoy to Lacy. This also changes the timing on the railroad improvements from 2017 to 2021 based on the different project timelines. To be funded by TID #4.

2018-2027 CIP Update: Accelerate planning from 2019 to 2018 and increase from $15,000 to $25,000. In order to be eligible for applying for grant funding we will need sufficient planning completed to know the typical cross section, pedestrian accommodation methods, and have cost estimates prepared based on these factors.

Previously authorized funding:
2018: planning/design/engineering $25,000 (debt)

Justification

With the urban growth occurring adjacent to S. Syene Road, along with the growth in traffic, S. Syene Road should be upgraded to an urban section from Lacy Road to McCoy Road.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	580,000										580,000
Construction of New Facilities/Additions		6,440,000									6,440,000
Total	**580,000**	**6,440,000**									**7,020,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)	580,000	5,640,000									6,220,000
TIF #4		800,000									800,000
Total	**580,000**	**6,440,000**									**7,020,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3450

Project Name Traffic Calming Program - Revised

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life varies
Category Street Improvements
Priority 3 Important

Description

This proposal involves the installation of traffic calming devices at various locations in the City. Engineering criteria is used to determine the location priority and type of devices needed. All projects will follow the Neighborhood Traffic Management Process including neighborhood acceptance.

2016-2020 CIP Amendment: Removed 2016 portion of project.

2017-2021 CIP Amendment: Added $15,000 in 2017 for an electronic speed sign on Lacy to be funded by grant funds.

2018-2027 CIP Update: Increased funding in 2018 for traffic calming project on E. Cheryl Parkway funded by existing project fund balance. Looking to add pedestrian islands at crosswalks/intersections and add a mid-block crosswalk between Research Park Drive and Woods Hollow. Extended annual funding for neighborhood traffic projects. Engineering criteria is used to determine the location priority and type of devices needed. All projects will follow the Neighborhood Traffic Management Process including neighborhood acceptance.

2018-2027 CIP Amendment: Added $5,000 additional funding to each year. 2018 additional funding specifically noted for Mica.

2020-2029 CIP Update: Added $10K in 2020 for bumpouts/traffic calming along Post Road (50% of total cost, Madison pays other 50% and designs/bids). Project will increase safety by Leopold school.

Note: Madison is the lead on this project so only the City's portion is included in this CIP project.

Project Fund Balance as of 12/31/18: $16,804

Justification

There exists a desire by some residents to calm the traffic in their neighborhoods. Projects expected to also increase safety.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (highway)	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	210,000
Total	**30,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**210,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	210,000
Total	**30,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**210,000**

City of Fitchburg, WI

Budget Impact/Other

There have been increased requests by Mayor/Council/residents for traffic/speed studies. Added 4 passive radar speed counters at $4000 each, which would allow analysis of speeds, volume and classification counts, at all times of the year. These units would be more efficient, and yield better data than the tube equipment we currently have. Also, they do not require someone to be in live traffic to set up, which is a great safety improvement for staff.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Small Equipment	16,000										16,000
Total	**16,000**										**16,000**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3469

Project Name Lacy-MM Intersection Improve and Signal - Revised

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Street Improvements
Priority 3 Important

Description

New traffic signal at Lacy Road/CTH MM and reconstruction of the west leg of the intersection to provide turn lanes. The design and construction costs would be shared with the Terravessa Development. The design and construction costs for the traffic signal ($150,000) would be funded 2/3 by the Developer and 1/3 by the City. The full cost of the west leg of Lacy Road ($50,000) would be paid for entirely by the City.

2019-2028 CIP Update: Traffic is not projected to meet the warrants for traffic signals with the first phase of construction opening up in 2019. Design and construction is delayed three years to monitor development progress. Dane County will participate in the design and construction of the traffic signal once it meets warrants for signalization.

Also increased cost of design from $30,000 to $36,000 but shared with the County

2020-2029 CIP Update: Move construction of the traffic signals from 2021/2022 to 2020. A traffic count was completed at the MM/Lacy intersection in 2018. The results from this traffic count indicated that a signalized intersection is warranted now. Dane County (50% eligible items) and Terrevessa (25%) will be participating in their share of the costs for the signalized intersection. Also increased design by $9K and construction by $5K based on current price expectations.

Previous funding authorized:
2018 - design $30,000 ($15,000 levy; $15,000 developer)

Justification

With the Terravessa development and the extension of Lacy Road, east of CTH MM, there is a need to upgrade the intersection of Lacy/CTH MM with a traffic signal and turn lane additions on the west leg of Lacy Road. There is already some delay and queueing at this T-intersection, so some of the demand for the traffic signal is based on existing traffic volumes and background growth that is expected in the area. The cost for the traffic signal will be shared with the developer of Terravessa through their development agreement. However, there is additional road reconstruction work that will be needed on the west side to provide the correct turn lanes.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	15,000										15,000
Construction of New Facilities/Additions	230,000										230,000
Total	**245,000**										**245,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	88,125										88,125
Contribution from Other Entities	68,750										68,750

Other (describe)	88,125										88,125
Total	**245,000**										**245,000**

Budget Impact/Other

Electricity and Madison traffic engineering costs for the new signal.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other (Insurance, Utilities)	750	750	750	750	750	750	750	750	750	750	7,500
Total	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**750**	**7,500**

TRAFFIC SIGNAL ALTERNATIVE 2:
ADED LEFT TURN LANE ON WEST LEG

N

0 50 100

GRAPHIC SCALE. 1"=100'

CTH MM

RADICCHIO DRIVE

LACY ROAD

ENDIVE DRIVE

FRISEE DRIVE

TERRAVESSA
DEVELOPMENT
FITCHBURG, WI

KL Engineering
[A] Better Experience

G:/Traffic Study Projects/Fitchburg Lands/16028 - Northeast Neighborhood Development/Civil 3D/KL Full Signal.dwg

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3474

Project Name Fish Hatchery Road Left Turn Lane - Revised

Type Improvement
Useful Life 50 yrs
Category Equipment Replace/ Resurface
Department Public Works - Streets
Contact PW Director/City Engineer
Priority 3 Important



Description

Improvements to the existing left turn bay on Fish Hatchery Road, in the SB direction, at E. Cheryl Parkway. This project would include extending the turn bay an additional 70 feet. This project will not be undertaken until warranted by traffic volume and turning movements.

2015 Update: Project postponed from 2016 to 2017

2017-2021 CIP Update: Moved from 2017 to 2018

2020-2029 CIP Update: Revised expenditures/cost to add replacement of existing concrete in turn lane as it is in very poor condition and for inflation and cost increases since last estimate was in 2009 and did not include moving light pole. Revised funding to have 75% to TID #4 and 25% property taxes. Amount in 2020 is revised total project cost and includes "re-budgeting" the 2018 funding.

Note: An amendment to TID #4 was completed in January 2018 to allow for this cost outside of the TID boundaries but within 1/2 mile.

Previously authorized funding:
2018: $17,000 (TID #4) - rebudgeted

Justification

As part of the planning process for the McGaw Park Neighborhood Plan, a Traffic Impact Analysis (TIA) was conducted to determine the traffic impacts associated with this development. In the TIA, the existing traffic conditions were analyzed to understand the base conditions for the existing road network. Based on that analysis, a recommendation was made to extend the Fish Hatchery Road southbound left-turn lane.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Contingency	2,700										2,700
Maint of Existing Facilities (highway)	45,000										45,000
Total	**47,700**										**47,700**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	11,925										11,925
TIF #4	35,775										35,775

Total	47,700	47,700

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3479

Project Name Update Street Lighting - New

Type Improvement
Useful Life 20 yrs
Category Equipment Replace/ Resurface

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 3 Important



Description

2020 Pilot/Planning (Phase1): Determine/purchase components for replacement of dated bulbs within select fixtures. Small scale retrofit contract (roughly 50 fixtures)($75 to install and rewire each fixture)(Approximately $125/fixture for parts and labor) to gauge public receptivity to lighting changes within trial neighborhood(s). Determine feasibility of larger scale retrofit for future years.

2021 to 2023 (Phase 2): Retrofit Remaining ~600 (~380 100W American Fixture) (~200 100W Cobras) (~50 100W King Luminaires) 100W HPS Luminaires with equivalent LED bulbs. These replacement bulbs ($35-$50/unit) will be eligible for a Focus on Energy Rebate of $.15 per watt reduced roughly 70 watt reduction ($10.5/unit).

Staff will pursue any available grant opportunities which will allow expansion of the project.

Additional Considerations/Future Projects: There around 100 city owned 100W HPS lights in McKee Farms Park, McGaw Park, and at City Hall. Consideration should also be taken to budget for retrofitting (higher wattage) lights on Fish Hatchery Road, south of Cheryl Drive, and on Lacy Road from the 2017 reconstruction to the west. Unit cost for city hall and parks lights would be the same as the other 100W fixtures. Total for the roughly 75 fixtures on Fish Hatchery Road, south of Cheryl Drive, and on Lacy Road from the 2017 reconstruction to the west is roughly $45,000.

Justification

The city owns approximately 600 100W high pressure sodium street lights, which cost over $4,000/month to operate. Reducing energy consumption (by 50%) yields a savings of approximately $1.50 a month/fixture (for 100W fixtures specifically). This reduction can be accomplished by replacing the lamp itself (~$175 with install), or the entire fixture with an LED alternative (cost to be determined ~$200-$300 (materials only)). In addition to energy savings, there is an inherent maintenance savings. Based off of energy savings alone for lamp replacement, payback period is expected to be less than 10 years.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	1,900	1,000	1,000	1,000							4,900
Maint of Existing Facilities (highway)	6,250	25,000	25,000	25,000							81,250
Total	**8,150**	**26,000**	**26,000**	**26,000**							**86,150**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	8,150	26,000	26,000	26,000							86,150
Total	**8,150**	**26,000**	**26,000**	**26,000**							**86,150**

Budget Impact/Other

LED lights are more energy efficient, so, there is readily apparent energy savings. Also, LEDs have longer lifespans, so repairs/replacements need to occur less frequently. Studies have shown LEDs make for safer roadway experiences in general, so there could, theoretically, be a reduction in accidents (and hit-runs, which are entirely city funded). Because the amount is unknown, did not include an estimate.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3481

Project Name McKee Road Reconstruction Phase II - Revised

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Road Improvements
Priority 2 Very Important

Description

Expansion of McKee Rd from 4 lanes to 6 lanes from Commerce Park Dr. east to Spoke Drive (see updates below). Some of the costs will be paid for by the Tax Increment District 6 amendment from Spoke Drive to Market Place. Work includes overpass of Badger Trail with precast structure and mill & overlay from Marketplace to Seminole Highway. Contribution from Other Entities represents the local match from Dane County, as specified in the Highway PD MOU.

2015-2019 CIP Update: Phasing of the project changed to align with the MPO and County Work from 2015/2016/2017 to 2017/2018/2019.

2016-2020 CIP Update: Included utility portion of project for $40,000.

2017-2021 CIP Update: Project delayed to 2020 construction due to change in WisDOT schedule for Verona Road-amended to include tunnel, intersection improvements at Seminole (not within TID boundaries). Reduced land acquisition costs because analysis determined only acquisition needed is for intersection improvements. Design costs updated to be a percentage of construction costs. After the analysis was completed it was determined that the project should remain four lanes (not six).

2019-2028 CIP Update: Added McKee/Market Place intersection signalization (borrowing as part of large project, not eligible for TID funding)

2020-2029 CIP Update: McKee Road from Commerce Road to Seminole Highway will be reconstructed with 2 lanes of travel in each direction and remove on street bike lanes. Two offstreet bike paths will be installed along with a bicycle pedestrian bridge for the Badger State trail. Turning lane, intersection and traffic signal improvements will occur with the project. The emergency preemption signal, stormwater improvements, as well as utility improvement will be constructed as part of this project. Funding is being provided in part by a STP-Urban grant, and Dane County (as part of the jurisdictional transfer agreement).

The tunnel changed to a bridge after being reviewed by the Department of Rails and Harbors. DTH would not allow a tunnel given the potential for the line to be reactivated. The bridge is being installed at a location not to impact the future co-location of the rail lines. The bridge and tunnel construction cost estimates were nearly identical. Construction costs have locally increased 40% on average. Utility construction estimates increased with the bridge change. Funding source revised to reflect prorated grant and other contribution prorated between TIF and GO contributions.

Project fund balance as of 12/31/18: $304,817.55 (mostly encumbered for current project)

Previously Authorized Funding:
2017: $640,000 Planning/Design ($150,000 TID #6; $490,000 borrowing)
2018: $200,000 Land Acquisition (100% borrowing)
2019: $122,900 Add'l Design R-74-19 ($61,450 TID #6/ $61,450 borrowing)

Justification

This road improvement will be done in conjunction with the expansion of McKee Rd from Nesbitt Rd to Commerce Park Dr. as part of the Wisconsin Department of Transportation Verona Rd project.

City of Fitchburg, WI

2017-2021 CIP Update: This project changed from being done in conjunction with the Verona Road project to following the Verona Road project.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Contingency	1,000,000										1,000,000
Construction of New Facilities/Additions	7,600,000										7,600,000
Total	**8,600,000**										**8,600,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)	2,000,000										2,000,000
Assessed (non-util, non-debt)	0										0
Grants/Donations (non-util)	3,485,000										3,485,000
Contribution from Other Entities	550,000										550,000
Utility - Rates (water)	74,000										74,000
Utility - Rates (sewer)	42,000										42,000
TIF #6	2,449,000										2,449,000
Total	**8,600,000**										**8,600,000**

Budget Impact/Other

2017-2021 CIP Update: Additional path and pavement clearing ($5,000/year inflated)

2020-2029 CIP Update: New electrical cost and signal maintenance will be required to operate the signals ($1,500/year inflated).

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance		5,000	5,150	5,304	5,464	5,628	5,796	5,970	6,149	6,334	50,795
Other (Insurance, Utilities)	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	17,195
Total	**1,500**	**6,545**	**6,741**	**6,943**	**7,152**	**7,367**	**7,587**	**7,815**	**8,049**	**8,291**	**67,990**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3486

Project Name Sidewalk and Path Maint/Improve - Revised

Type Improvement
Useful Life 50 yrs
Category Road Improvements
Department Public Works - Streets
Contact PW Director/City Engineer
Priority 2 Very Important



Description

The City is broken into 5 zones based on the length of sidewalk that exists in each area. Each year, staff walks the sidewalk within each zone and prepares a Concrete Contract to allow for the replacement of damaged sidewalk and the elimination of trip hazards. This project also corrects non-compliant handicap ramps as funding allows. The replacement costs for sidewalk are assessed through a special charge. Single and dual-family residential properties share the cost 50/50 with the City. Multi-family and business/commercial properties pay for 100% of the replacement costs. The replacement of the handicap ramps is paid for 100% with City funds.

This project also continues funding $1,000 each year for implementing a public-private partnership for bicycle parking pads in urban commercial districts.

Finally, this project includes $35,000 per year for bike path maintenance within the parks. 2016: Repave trail between Edenberry and Stamford; repave trail between Cap City and Treeline Drive

2017-2021 CIP Update: The $1,000 in funding for bicycle parking pags was moved to project #3427. Bike path maintenance has been increased by $5,000 in 2017 and an additional $2,000 per year following (i.e. $7,000 increase in 2018).

2018-2027 CIP Update: Sidewalk assessed increased to $20,000/year. Path resurfacing increases $2,000/year consistent with previous CIP.

Justification

To maintain safety for pedestrians who use the sidewalk, it is necessary to properly maintain the concrete sidewalk and replace defective squares and eliminate trip hazards. This CIP follows the policy of the 2008 Bicycle and Pedestrian Plan that the City should properly maintain pedestrian facilities in the City.

2017-2021 CIP Update: Staff looked at the age and quantity of bike paths as well as the amount of path that can be resurfaced per year. Several of recent path resurfacing projects are resurfacing paths with ages less than 20 years old. The City has 95,100 linear feet of path. Recent projects have shown path resurfacing costs are around $17/foot. With a resurfacing budget of $35,000 we can resurface 2059-feet (2.2%) of paths per year. This equates to replacing paths once every 46-years. Our paths will need resurfacing more frequently. This amendment proposes a modest increase which gets the replacement cycle to around 40-years.

2020-2029 CIP Update: The current funding levels have only $13,000 ear marked for the City's portion of sidewalk. With this amount of funding the we can repair, on average, only 5 curb ramps, 10 stones of curb at full cost and 25 stones of sidewalk with 50/50 share with residential owners. We are not keeping up with the amount of repair that is needed each year. The need is, on average, 7 curb ramps, 10 stones of curb at full cost and 45 stones of sidewalk with 50/50 share with residential owners which would require a funding level of $20,000 (increase of $7,000). The past few years we have had to ask for an increase in the assessed amount so we are requesting an increase to match.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	96,000	98,510	101,035	103,576	106,134	108,708	111,299	113,908	116,535	119,181	1,074,886

Total	**96,000**	**98,510**	**101,035**	**103,576**	**106,134**	**108,708**	**111,299**	**113,908**	**116,535**	**119,181**	**1,074,886**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	66,000	68,210	70,426	72,649	74,879	77,115	79,358	81,609	83,867	86,133	760,246
Assessed (non-util, non-debt)	30,000	30,300	30,609	30,927	31,255	31,593	31,941	32,299	32,668	33,048	314,640
Total	**96,000**	**98,510**	**101,035**	**103,576**	**106,134**	**108,708**	**111,299**	**113,908**	**116,535**	**119,181**	**1,074,886**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3488

Project Name Fish Hatchery Road Resurfacing - Revised

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 50 Years
Category Street Improvements
Priority 2 Very Important

Description

The concrete joints on Fish Hatchery Road between Mckee and Greenway Cross are heavily deteriorating due to the lack of dowel connections between concrete sections. Dane County has investigated alternatives to retrofit connections and found that replacement is likely a more cost effective alternative. The City met with the County to discuss the project. The County would be willing to cost share 50% of the roadway costs. Due to the roadway condition, the County anticipates a 2018 construction. The project includes $500,000 water/Sanitary improvements and $500,000 stormwater quality improvements. The County would require a jurisdictional transfer of the road following the construction which would lead to future operational costs for the City.

2017-2021 CIP Amendment: Remove project with R-143-16 (new starting point). Reinstated with R-144-16 (amendments).

2018-2027 CIP Update: Added replacement of retaining walls in the corridor ($200,000) and updated water utility costs ($50,000 increase). Added $202,000 for a new plow to maintain the larger road.

2018 Budget Amendment (R-201-17) approved by Council to begin design ($747,500) and land acquisition ($500,000).

2019-2028 CIP Update: Design and property acquisition occurring in 2018 (authorized. Construction year changed to 2019. Utility upgrades and relocations estimate has been refined to reflect needed construction. Scope of project changed to include: Concrete Pavement Base Bid $11,590,075. Real Estate at retaining walls $35,000. Design Construction Services 950,000. Street lighting reconstruction $210,000. Streetscaping $1,000,000. PD/McKee Intersection Improvements $572,350. Median modifications at Cahill $39,060, High Ridge $53,680. Post Road Turn Lane $145,970. Pike Drive Extension West $1,350,000. Pike Drive Extension East $850,000. Greenway Cross Intersection Modifications $334,460. If accepting jurisdictional transfer from Greenway Cross to Irish Road, County could potentially contribute $3,300,000 of the Pavement Base Bid. Concrete road replacement alone from McKee to Nobel could cost $7.7 M in todays dollars ($13M at 20 year replacement). Maintenance costs of roadway far exceed the $3.3M received from the County as a jurisdictional transfer over a 20 year period.

2020-2029 CIP Update: Intergovernmental agreement with the County is in the process of being re-negotiated. We expect that they will contribute to the project cost at 50% of eligible items or $8,000,000 and not require a jursidictional transfer or City payment for future maintenance. The City will, however, be responsible for plowing the road so an additional plow truck ($210,000 in 2021) and staff/supplies (operating section) is included. Also included is a funding source for the portion of the project that will be paid by the City of Madison ($237,072). The portion of the project within the TID boundaries has been evaluated based on estimated traffic counts and it has been determined that it is reasonable for the TID to pay 100% of those costs. The portion of the project outside of the district but within 1/2 mile that can be attributed to the TID is 40%. The utility contributions are all within the TID boundary and will be paid either by the TID or the County so the utility ratepayers will not be responsible for any of the upfront construction costs.

*Notes:
1) Amounts included in the 2020 CIP are in addition to amounts approved in 2018 and 2019 CIP/budget.
2) A boundary and project plan amendment to TID #10 was approved in 2018 and the calculated allocation to the TID is within the amount allowed within the project plan.

Current Allocation of Project Construction Costs:
$4,392,707 Debt
$10,531,811 TID #10
$8,000,000 Dane County
$237,072 City of Madison

$-0- Water, Sewer, Stormwater
=$23,161,590 total cost
+ $210,000 additional plow truck beginning November 2021

Previously authorized funding:
2018: $5,102,700 construction (2018 CIP/budget)
2018: $747,500 design/construction observation (R-201-17)
2018: $500,000 land acquisition (R-201-17)

Proposed Reconstruction: Beltline to approximately McKee Road
Proposed Plowing Responsibility if County participation: same as reconstruction distance

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)		210,000									210,000
Maint of Existing Facilities (highway)	4,521,825										4,521,825
Total	**4,521,825**	**210,000**									**4,731,825**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)	18,194										18,194
Capital Property Tax Levy		210,000									210,000
Contribution from Other Entities	8,237,072										8,237,072
Utility - Rates (stormwater)	-121,300										-121,300
Utility - Rates (water)	-50,000										-50,000
Utility - Rates (sewer)	-775,000										-775,000
TIF borrowing	-2,787,141										-2,787,141
Total	**4,521,825**	**210,000**									**4,731,825**

Budget Impact/Other

It is anticipated that the jurisdictional transfer would occur in 2023 after negoitation with the County is complete. The jurisdictional transfer would include areas beyond the resurfacing. The City would then take over winter maintenance operations between Greenway cross and south of Lacy Road where Fish hatchery goes to a two lane cross section. The operational costs include the addition of a streets maintenance worker and costs for salt/fuel.

2019-2028 CIP Update: Removed operating costs that would be required with jurisdictional transfer due to change in strategy.

City of Fitchburg, WI

2020-2029 CIP Update: Added back the operating costs that would be required with the City's plowing of the road beginning in November 2021.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost		90,000	92,700	95,481	98,345	101,296	104,335	107,465	110,689	114,009	914,320
Supplies/Materials		2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	25,398
Maintenance		2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	25,398
Total		**95,000**	**97,850**	**100,785**	**103,809**	**106,924**	**110,131**	**113,435**	**116,839**	**120,343**	**965,116**

City of Fitchburg
Fish Hatchery Road Project #3488
2020-2029 CIP Funding Sources

	2018 Adopted Budget	R-201-17 2018 Budget Amendment	2019 Adopted Budget	Subtotal	Updated Total Costs	CIP Change Needed
Borrowing	$ 2,126,350	$ 1,247,500	$ 1,000,663	$ 4,374,513	$ 4,392,707	$ 18,194
TID #10	$ -	$ -	$ 13,318,952	$ 13,318,952	$ 10,531,811	$ (2,787,141)
County	$ 1,926,350	$ -	$ (1,926,350)	$ -	$ 8,000,000	$ 8,000,000
Madison	$ -	$ -	$ -	$ -	$ 237,072	$ 237,072
Stormwater	$ 500,000	$ -	$ (378,700)	$ 121,300	$ -	$ (121,300)
Water	$ 275,000	$ -	$ (225,000)	$ 50,000	$ -	$ (50,000)
Sewer	$ 275,000	$ -	$ 500,000	$ 775,000	$ -	$ (775,000)
	$ 5,102,700	$ 1,247,500	$ 12,289,565	$ 18,639,765	$ 23,161,590	$ 4,521,825

Historical Progression of Project Costs and Scope - North Fish Hatchery Road

January 2016
Budgeting Estimate by Dane County

$3.85 million

Pavement replacement

Note: This estimate was the cost for minor pavement replacement only and did not factor in other project costs like mobilization, traffic control, and erosion control.

November 2016

Council approved $4.852 million

Added $500,000 for utilities

Added $500,000 for storm

Based on completing a jurisdictional transfer in 2020 with $1.96 million Dane County share

November 2017
Budgeting Estimate by Fitchburg

$6.85 million

Scope expanded to include:

Retaining wall replacement

Box culvert repairs

Some sidewalk repair

Some sanitary sewer and water updates

Greenway Cross intersection updates

Street lighting and signal updates

January 2018

Mayor and staff to explore using TID funds based on redevelopment with 100% City cost and no jurisdictional transfer from Dane County

April 2018
CIP Budget Estimate by KL Engineering

$18.19 million

Scope expanded to include:

Full replacement of curb and gutters

Improvements to intersections

Safety improvements for driveways and median openings

New costs in this scope included:

Pavement underdrain system

Compensable utility relocations

Real estate acquisition costs for intersection improvements and retaining wall replacement

Construction contingencies

Design and construction engineering services

April 2018

Closed session to discuss TID expansion and project costs

Still based on 100% City cost with no jurisdictional transfer from Dane County

Summer 2018

Scope expanded to:

- Add path based on public input
- Add grading work in Nine Springs Golf Course in order to remove the existing retaining wall and tie-in to the adjacent development
- Add stormwater improvements due to the extreme nature of flooding issues and the downstream regional and cross-jurisdictional capacity issues

September 2018
Updated CIP Budget Estimate by KL Engineering

$20.99 million

Scope expanded to include:

Extension of path on west side from High Ridge to Post Road. Also required an extension of box culvert over Nine Springs Creek

Re-grading of the Nine Springs Golf Course tee-box

Two regional stormwater upgrades to address Greenway Cross flooding

Cost updates included increased prices for:

Real estate acquisition due to higher recent land prices

Retaining walls due to a more complex wall system required in one location to minimize property and utility impacts

Additional storm sewer improvements to address Greenway Cross flooding

Traffic control and mobilization to account for a 3 year project

Fall 2018/Winter 2019

Scope expanded due to R-209-18 - Council approval of Alternative D as the cross section for the roadway

Current
Updated Estimate by KL Engineering

$22.24 million

Scope expanded to include:

Alternative D cross section elements:

- Additional storm sewer replacement
- Extension of path from Post Road to the Beltline
- Sidewalk replacement with wider sidewalk on east side
- Expanding the three lane roadway section for northbound Fish Hatchery Road from McKee Road to Breckenridge Court (provides similar section to remainder of corridor)

Temporary street lighting during construction

Cost updates include:

Separate path structure over Nine Springs Creek rather than extension of the box culvert

Alternative stormwater improvements

Modifications to intersection design at Greenway Cross west to address safety and property owner concerns

Modifications to Pike Drive design based on changes in planned development

Streetscaping based on feedback to concepts presented at the public meetings and meetings with City staff

Adjustments to material prices due to upward trending costs seen with recent road projects

Adjustments due to a revised pavement structure

Moving the street lighting from the median to terraces to provide better pedestrian lighting

Note: City staff also requested an estimate of undergrounding the overhead MG&E and overhead ATC lines which are not included in the above cost. Undergrounding is estimated at an additional $3.55 million

February 2019

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3490

Project Name Seminole Highway (Lacy - Schumann) - Deleted

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Street Improvements
Priority 3 Important

Description

This project would improve Seminole Highway from Lacy to Schumann. The North Stoner Prairie Neighborhood study recommends a three-lane urban TWLTL (two-way left-turn lane) section with intermittent sections of boulevard and left turn lanes. The study also recommended a roundabout at the Lacy Road/Seminole intersection and a shared-use path on the west side of Seminole, extending south to the east-west path that will connect to Badger State Trail.

2018-2027 CIP Amendment: Changed funding source from borrowing to TID #9 (Sub-Zero). Staff to explore portion of project eligible for TID participation as directly benefited property. A project plan amendment would need to be completed to include these costs that are within 1/2 mile of the TID boundaries.

2020-2029 CIP Update: Delete this project, it is now included in with project NEW-Lacy_Seminole Intersection, Lacy to East, Seminole to North

Justification

Increasing development/traffic.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng						0					0
Right of Way Acquisition							0				0
Maint of Existing Facilities (highway)								0			0
Total						**0**	**0**	**0**			**0**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)						0	0	0			0
TIF #9						0	0	0			0
Total						**0**	**0**	**0**			**0**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3492

Project Name Fitchrona Rd (Lacy to Nesbitt) - New

Department Public Works - Streets
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Street Improvements
Priority 5 Future Consideration

Description

Project would urbanize this section of road (~ half mile) with new pavement curb and gutter, on-road bike lanes, and an off-street path on the east side of the road.

Justification

Road is in poor condition (2-3). Shoulders and drainage require improvements. This is a shared roadway with the Town of Verona. The Town has not had capital funding available to pay for the upgrade of the road improvements, and has been only received temporary repairs. Repairs to the road have come at in increased frequency. Trail and real estate is 100% in Fitchburg.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng		150,000									150,000
Land Acquisition			130,000								130,000
Construction of New Facilities/Additions				900,000							900,000
Total		**150,000**	**130,000**	**900,000**							**1,180,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)		75,000	130,000	547,000							752,000
Assessed (non-util, non-debt)				33,000							33,000
Contribution from Other Entities		75,000		320,000							395,000
Total		**150,000**	**130,000**	**900,000**							**1,180,000**

Budget Impact/Other

Maintenance costs include $1,000 per year starting when road opens for general maintenance. Crackfilling and chipsealling of $35,000 would be needed in 2029.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maintenance				1,000	1,030	1,061	1,093	1,126	1,159	36,194	42,663
Total				**1,000**	**1,030**	**1,061**	**1,093**	**1,126**	**1,159**	**36,194**	**42,663**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3493

Project Name Fitchrona Rd (Whalen to Lacy) - New

Type Improvement
Useful Life 20 Years
Category Street Improvements

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 5 Future Consideration



Description

Project would pulverize, grade and resurface existing roadway (1.4 Miles) and pave an additional 2 feet of shoulder.

Justification

Road is in poor condition (2-3). Shoulders and drainage require improvements. This is a shared roadway with the Town of Verona. The Town has not had capital funding available to pay for the upgrade of the road improvements, and has been only received temporary repairs. Repairs to the road have come at in increased frequency.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction of New Facilities/Additions				0							0
Maint of Existing Facilities (highway)				540,000							540,000
Total				**540,000**							**540,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy				270,000							270,000
Contribution from Other Entities				270,000							270,000
Total				**540,000**							**540,000**

Budget Impact/Other

Crackfill and chipseal included in 2029

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3494

Project Name Lacy Rd (Fitchrona to Seminole) - New

Type Improvement
Useful Life 20 Years
Category Street Improvements

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 3 Important



Description

Reconstruction of Lacy Road from rural to urban section from Fitchrona to Seminole. Includes multi-use path on north side, sidewalk south side. Includes storm sewer/water main/sanitary sewer/street lights. Notes - Stormwater ponds associated w/ roads listed as separate project. Roundabout @ Seminole, Lacy east of Seminole, and Seminole planned as a later, separate project. Possible TEA grant. TID 9 Amendment 2 funding - Fitchrona to TID (within 1/2 mile)Total cost = $2,193,300, 30% funded by TID. Within TID - Total Cost = $3,186,000, 100% funded by TID.

Justification

Development within the TID #9 area will necessitate a better corridor.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	806,900										806,900
Construction of New Facilities/Additions		4,572,400									4,572,400
Total	**806,900**	**4,572,400**									**5,379,300**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)		813,600									813,600
TIF #9	806,900	3,037,200									3,844,100
Utility - Impact Fees		7,500									7,500
Utility - Rates (stormwater)		353,100									353,100
Utility - Rates (water)		222,800									222,800
Utility - Rates (sewer)		138,200									138,200
Total	**806,900**	**4,572,400**									**5,379,300**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

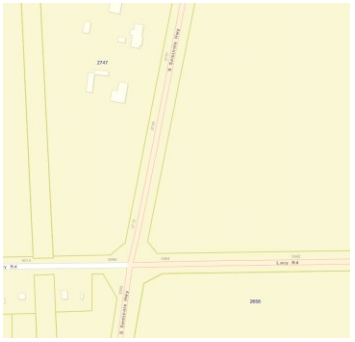
City of Fitchburg, WI

Project # 3495

Project Name Lacy/Seminole Intersect, Lacy E, Seminole N - New

Type Improvement
Useful Life 20 Years
Category Street Improvements

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 3 Important



Description

Potential roundabout or otherwise controlled intersection at Lacy Road/Seminole, reconstruct Lacy from rural to urban section from just west of Lacy/Seminole intersection to Savanah Oaks School. Reconstruct Seminole from rural to urban section from just south of Lacy/Seminole intersection to Schumann. Includes multi-use path on west side Seminole, and north side Lacy, with sidewalk on the other sides. Includes storm sewer/water main/sanitary sewer/street lights.

Notes:

1) Stormwater ponds associated w/ roads listed as separate project #4724.
2) TID 9 Amendment #2 funding:
A) Lacy Rd east (within 1/2 mile)Total cost = $1,856,445, 50% funded by TID.
B) Roundabout total cost $1,251,154, 100% funded by TID.
C) Seminole north inside TID Total cost $1,790,550 100% funded by TID.
D) Seminole north (within 1/2 mile) Total Cost $833,175 30% funded by TID.
E) Seminole South of Lacy/Seminole intersection (within 1/2 mile) $404,570 100% funded by TID.

Justification

Development within the TID #9 area will necessitate a better corridor.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng				920,385							920,385
Construction of New Facilities/Additions					5,215,510						5,215,510
Total				**920,385**	**5,215,510**						**6,135,895**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)					679,900						679,900
TIF #9				920,385	3,704,620						4,625,005
Utility - Rates (stormwater)					377,723						377,723
Utility - Rates (water)					302,178						302,178

Utility - Rates (sewer)		151,089	151,089
Total	**920,385**	**5,215,510**	**6,135,895**

Budget Impact/Other

Maintenance costs increase with an expanded road.

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 3496

Project Name Quarry Vista Extension to Subzero Pkwy - New

Type Improvement
Useful Life 20 Years
Category Street Improvements

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 5 Future Consideration



Description

Preliminary plat for Quarry Vista shows a street connection from Quarry Vista to Subzero Parkway/Commerce Park Drive. TID 9 Amendment 2 includes funding for this improvement ($771,000)

This is the portion of the project that is within the TID boundary. The other piece to the west (between existing road and this project) should get built as a part of the private development with the rest of Quarry Vista.

Justification

Better neighborhood connectivity, potential connections to other development west of Commerce Park Drive

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng									115,650		115,650
Construction of New Facilities/Additions										655,350	655,350
Total									**115,650**	**655,350**	**771,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
TIF #9									115,650	655,350	771,000
Total									**115,650**	**655,350**	**771,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

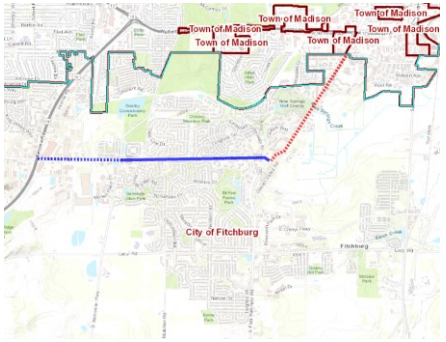
City of Fitchburg, WI

Project # 3497

Project Name Maintenance of Arterials - New

Type Improvement
Useful Life 20 Years
Category Equipment Replace/ Resurface

Department Public Works - Streets
Contact PW Director/City Engineer
Priority 2 Very Important



Description

In 2014 the City agreed to a jurisdictional transfer of 2.4 miles CTH PD/McKee Rd from Fish Hatchery Road to USH 18/151 (Verona Road) no later than January 1, 2020. The City and County are also in negotiation on the construction of Fish Hatchery Rd (CTH D) from McKee Rd to the Beltline. Maintenance of these road will be the responsibility of the City when/if jurisdictional transfer happens. Funding for 1.5 miles of McKee Road which is 6 lane miles is $39,000 beginning in 2020. Funding for the westerly (0.9 mi) section of McKee Road from Seminole Highway to Verona Road which will be new in 2020 will start at $23,400 in 2022. If the City takes jurisdiction of CTH D/Fish Hatchery Road in the future then those lanes miles will be added to this project.

Justification

Arterial roads are different than our other local roads in a number of ways that make maintenance more expensive. Arterials have more traffic and many more trucks. They have more lanes and turn lanes and thicker pavement. They have more pavement markings, more signs and more signals. During construction the traffic needs more attention to detours and/or more control by use of barrels, temporary signals, temporary markings, barricades and other devices. Because the roads are used by more vehicles and these routes are critical for transportation of all types of vehicles the roads must be plowed more and salted more than other roads. By 2024 our maintenance budget for local streets will be about $10,000 per street mile or about $5,000 per lane mile. Because of all the reasons arterials are different from local streets it is estimated that the cost should be from $24,000 to $28,000 per street mile or $6,000 to $7,000 per lane mile. Using the average of $6,500 per lane mile for the section of McKee Road that was resurfaced in 2014 which is 1.5 street miles or 6 lane miles the City needs to fund this section at $39,000 per year.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (highway)	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	655,172
Total	**39,000**	**40,170**	**64,775**	**66,718**	**68,720**	**70,782**	**72,905**	**75,092**	**77,345**	**79,665**	**655,172**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	39,000	40,170	64,775	66,718	68,720	70,782	72,905	75,092	77,345	79,665	655,172
Total	**39,000**	**40,170**	**64,775**	**66,718**	**68,720**	**70,782**	**72,905**	**75,092**	**77,345**	**79,665**	**655,172**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4519

Project Name Well 13 and Pump House

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 50 Years
Category Utility & Urban Services
Priority 3 Important

Description

Installation of a new high capacity well to serve the developing City. Cost includes land acquisition and constructing a new well and pump house. Location will be consistent with water system analysis planning and comprehensive plan.

2019-2028 CIP Update: Delay installation 3 years (note construction of ~$1.8 million would occur in 2029). The 2018 approved water system master plan recommends installing by 2030.

Justification

Due to the projected future growth in the City, an additional well will be needed to meet water demands and fire protection needs.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng									180,000		180,000
Land Acquisition								150,000			150,000
Construction of New Facilities/Additions										1,800,000	1,800,000
Total								**150,000**	**180,000**	**1,800,000**	**2,130,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Impact Fees								150,000	180,000	1,800,000	2,130,000
Total								**150,000**	**180,000**	**1,800,000**	**2,130,000**

Budget Impact/Other

Electric and insurance. Daily checks of wells

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost							0	0	0		0
Other (Insurance, Utilities)							0	0	0		0
Total							**0**	**0**	**0**		**0**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4522

Project Name SCADA Upgrade - Revised

Department Public Works - Water
Contact PW Director/City Engineer
Type Equipment
Useful Life 5 Years
Category Utility & Urban Services
Priority 2 Very Important

Description

Upgrade to SCADA software every five years.

2020-2029 CIP Update: Move SCADA Upgrade from 2023 to 2024 and from 2028 to 2029. SCADA upgrade was originally planned for 2018, will be completed in 2019. SCADA upgrades are on a 5 year schedule.

Justification

SCADA software controls our water system. It is vital for security that this software is updated as least every 5-years to remain with current computer and security technology.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Software					30,000					30,000	60,000
Total					**30,000**					**30,000**	**60,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (water)					30,000					30,000	60,000
Total					**30,000**					**30,000**	**60,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4524

Project Name Greenfield Watermain Extension - Revised

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 100 Years
Category Utility & Urban Services
Priority 3 Important

Description

Extend watermain from Lacy Road to the Greenfield neighborhood. This extension will be made during reconstruction of Syene Road, development of the McGaw Park neighborhood, and/or with development of Hartung.

Remove hydropneumatic tanks at Well 7 & 8 and resize pumps to service east zone.

2016-2020 CIP Update: Postponed projects by 1 year.

2017-2021 CIP Update: Postponed projects by 1 year.

2018-2027 CIP Update: Postponed projects by 1 year.

2019-2028 CIP Update: Postponed project by 1 year. Increased budget by $640,000 to cover the additional water main that would be required in the event the adjacent properties have not developed prior to the need for this main as well as to reflect the current bidding market. This project also includes removing hydropneumatic tanks at Wells 7 & 8 and resizing the pumps to service the east zone

Note: This project will continue to be moved to year four and five as this project is intended to address the future emergent situation when the existing infrastructure fails.

2020-2029 CIP Update: Accelerate planning from 2023 to 2020 and construction from 2024 to 2021 to correlate with updated resurfacing schedule.

Justification

The Greenfield area (south system) is currently serviced by a 250gpm well, a 350gpm well, and two hydropneumatic tanks with a combined storage capacity of 6,500 gallons. Extension of watermain from Aurora Avenue to the Greenfield area will connect the Greenfield Neighborhood into the City's east zone. The City's east zone provides more redundancy than the south system; the wells in the east zone are deeper, higher capacity wells able to handle larger fluctuations in system demands. Also, there is significantly more storage for the fire protection in the east zone; 500,000 gallons verses 6,500 gallons.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng	130,000										130,000
Construction of New Facilities/Additions		1,170,000									1,170,000
Total	**130,000**	**1,170,000**									**1,300,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Impact Fees	130,000	724,700									854,700

Utility - Assessed (water)		445,300									445,300
Total	**130,000**	**1,170,000**									**1,300,000**

Budget Impact/Other

2019-2028 CIP Update: Staff time for annual maintenance (locating, flushing, exercising valves, etc.).

2020-2029 CIP Update: Accelerate to allign with new construction timeline.

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost		520	536	552	568	585	603	621	640	659	5,284
Total		**520**	**536**	**552**	**568**	**585**	**603**	**621**	**640**	**659**	**5,284**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4525

Project Name Water Tower Repainting

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 20 Years
Category Utility & Urban Services
Priority 3 Important

Description

The exterior paint on Tower E will be at its useful life in 2026. The tower will need to be repainted.

Prior funding authorized:
2010: Water Tower C $300,000

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng						20,000					20,000
Maint of Existing Facilities (water)							230,000				230,000
Total						**20,000**	**230,000**				**250,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (water)						20,000	230,000				250,000
Total						**20,000**	**230,000**				**250,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4532
Project Name Water Tower D

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 100 Years
Category Utility & Urban Services
Priority 2 Very Important

Description

Install new elevated water storage tower. Two sites have been identified for future tower locations. Tower site selected will depend on timing of development in the neighborhoods proposed for development. This tower is primarily for the Uptown Development.

2017-2021 CIP Update: Project delayed by one year (2017/2018 to 2018/2019)

2018-2027 CIP Update: Tower costs updated to current estimated cost of $1.75 million (from $1.25 million)

2019-2028 CIP Update: Tower costs updated to current estimated cost of $2.325 million. Project delayed by seven years as recommended by 2018 Water System Master Plan.

Prior funding authorized
2009 - $150,000 land purchase
2018 - $50,000 design/engineering

Justification

Per the City's capacity analysis additional water storage is needed to meet projected growth demands.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction of New Facilities/Additions							2,125,000				2,125,000
Total							**2,125,000**				**2,125,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Impact Fees							2,125,000				2,125,000
Total							**2,125,000**				**2,125,000**

Budget Impact/Other

2018-2027 CIP Update: Updated estimated operation costs. Includes staff daily visits ($1,000/year) and maintenance every 5 years.

2019-2028 CIP Update: Project delayed by seven years as recommended by 2018 Water System Master Plan.

City of Fitchburg, WI

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost							1,000	1,030	1,061	1,093	4,184
Other (Insurance, Utilities)							600	1,200	1,236	1,273	4,309
Total							**1,600**	**2,230**	**2,297**	**2,366**	**8,493**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4630

Project Name Verona Rd Utility Relocations & Related

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 100 Years
Category Utility & Urban Services
Priority 1 Urgent

Description

Relocate water main and sanitary sewer on Verona Road and McKee Road. Fitchrona Road will also be extended from the intersection of McKee Road north then east to Kapec Road through Wingra's property. Utilities will be installed on Fitchrona Road as part of this project. Install water main across Verona Road at Carriage Street.

Also this request is for grants to assist the businesses that will affected by the Verona Road Interchange Project and Verona Road Reconstruction. The Business Community has asked for assistance from the City in helping direct their customers via signage, marketing, way-finding and design concepts to their business prior to, during and after road construction project is completed. The Economic Development Department, Planning Department and Public Works Department have all been very actively working with the Fitchburg business community and the Wisconsin Department of Transportation on the best design concepts that have the least affect on business operations and relocations. As part of the road construction awareness, the WisDOT has a program called, "In This Together", which is a toolkit for businesses to use which offers tips on managing a business while a road construction project is underway.

Construction costs in 2019 for $150,000 includes funding for Community Sensitive Solutions which involves enhancements to the local corridor.

2016-2020 CIP Update: $625,000 of 2016 costs moved to 2017. Project budget increased by $1,140,000 due to increased number of conflicts. Added WisDOT compensable expense because of utility existence in right-of-way. Added additional costs for new street lighting on Verona Road frontage road (continuation of Sprocket Drive lighting) $103,800 and new lighting on Fitchrona Road (similar to lights to the south) $42,800.

2016 Budget: Changed funding source on lighting ($146,600) from levy to debt

2017-2021 CIP Update: The WisDOT schedule was extended to 2020. Fitchburg is providing funding to Verona Road Coalition and is included in the "other" expenditure category.

2018-2027 CIP Update: Add'l $5,000 requested for VRBC in 2020 and an extension of VRBC funding to 2021.

Previously authorized funding:
2016 - $30,000 design; $2,045,000 construction, $25,000 VRBC; $146,600 lighting frontage/Fitchrona
2017 - $20,000 design; $1,785,000 construction, $30,000 VRBC

Justification

The DOT is planning to reconstruct Verona Road at McKee Road with a grade separated crossing. Water main and sanitary sewer in conflict with this reconstruction will need to be relocated. In addition, Verona Road will be expanded to six lanes from McKee Road north to Raymond Road. There will be utility conflicts with this work as well.

Installation of water main connection across Verona Rd at Carriage St. will improve fire flow protection for all properties west of Verona Road as well as increase redundancy.

The funding for the grants is essential to maintaining ongoing business operations along Verona Road and other affected locations while a several year road construction project is active. Without assistance, we fear that we will lose some of our current businesses, which would result in loss in tax base and ultimately result in vacancies which would be extremely difficult to recruit new businesses to the area.

City of Fitchburg, WI

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Other	30,000	25,000									55,000
Total	**30,000**	**25,000**									**55,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	30,000	25,000									55,000
Total	**30,000**	**25,000**									**55,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4631

Project Name North Water Main Loop to NE Neighborhood - Revised

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 100 Years
Category Utility & Urban Services
Priority 2 Very Important

Description

Install water main from Ninebark in Swan Creek, north on Syene, east on West Clayton Road, across Hwy 14, and south on MM, connecting to the water main on Lacy Road.

2016-2020 CIP Update: Project postponed by 1 year.
2016-2020 CIP Amendment: Project moved up by 1 year (same timing as adopted in 2015-2019 CIP) with understanding that project will proceed only when need arises.
2017-2021 CIP Update: Project delayed two years (2018/2019 to 2020/2021)
2018-2027 CIP: Project accellerated to 2018/2019 due to Terravessa/Breakneck developments
2018-2027 CIP Amendment: Project accellerated so full project (design and construction) completed in 2018 due to development of @Edge Live.Work
2020-2029 CIP Update: Add $600,000 due to increased limits of anticipated construction and increased construction costs.

Justification

This water main is needed in order to provide water system reliability and better fire flow protection for the Northeast Neighborhood.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Construction of New Facilities/Additions	600,000										600,000
Total	**600,000**										**600,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Impact Fees	420,000										420,000
Utility - Assessed (water)	180,000										180,000
Total	**600,000**										**600,000**

Budget Impact/Other

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost	300	309	318	328	338	348	358	369	380	391	3,439
Maintenance	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	11,465
Total	**1,300**	**1,339**	**1,379**	**1,421**	**1,464**	**1,507**	**1,552**	**1,599**	**1,647**	**1,696**	**14,904**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4632

Project Name Main Oversize/Service Insulat/Hydrant Replace

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 100 Years
Category Utility & Urban Services
Priority 3 Important

Description

The Utility pays the additional cost to increase the size of water main over 10 inches.

2017-2021 CIP Update: Changed Project Name from Water Main Oversizing Costs to Water Main Oversizing & Water Service Insulating Costs. Increased expenditures/funding from $15,000 to $30,000 to include costs to insulate shallow water services during the time of road reconstruction.

2018-2027 CIP Update: Increased from $30,000/year to $60,000/year due to amount of oversizing/insulation required.

2019-2028 CIP Update: Increased costs from $60,000/yr to $80,000/yr to include hydrant replacements. Changed name from Water Main Oversizing/Water Service Insulating to Water Main Oversizing/Water Service Insulating/Hydrant Replacements.

Prior funding authorized:
2017: $30,000 (50/50 split impact fees & rates)
2018: $60,000 (50/50 split impact fees & rates)

Justification

Larger mains are need for transmission of water to meet fire flow needs. Per City Ordinance, the City reimburses developers for the additional cost to install water main larger than 10 inches.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (non-hwy, non-util)	82,400	84,872	87,418	90,040	92,742	95,524	98,390	101,342	104,382	107,513	944,623
Total	**82,400**	**84,872**	**87,418**	**90,040**	**92,742**	**95,524**	**98,390**	**101,342**	**104,382**	**107,513**	**944,623**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Impact Fees	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,756	472,311
Utility - Rates (water)	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,757	472,312
Total	**82,400**	**84,872**	**87,418**	**90,040**	**92,742**	**95,524**	**98,390**	**101,342**	**104,382**	**107,513**	**944,623**

City of Fitchburg, WI

Budget Impact/Other

2019-2028 CIP Update: Staff time for annual maintenance (locating, flushing, exercising valves, etc.).

Budget Items	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Staff Cost	52	53	55	56	58	60	61	63	65	67	590
Total	**52**	**53**	**55**	**56**	**58**	**60**	**61**	**63**	**65**	**67**	**590**

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 4633

Project Name Well Maintenance - Revised

Department Public Works - Water
Contact PW Director/City Engineer
Type Improvement
Useful Life 5 - 20 years
Category Utility & Urban Services
Priority 3 Important

Description

Periodical well maintenance is necessary to maintain an efficient water system.

Well #4 - every 8 years
Well #5 - every 5 years (due to sand in this well will likely need to develop the well when it is pulled to increase capacity)
Well #7 - every 8 years
Well #8 - every 8 years
Well #10 - every 5 years (increased frequency from 7 years to 5 years)
Well #11 - every 8 years

Note: Wells are pulled earlier if performance is decreasing or if there is an emergency.

Upcoming projects and estimated timing, all funded by water rates:
2020: Well #5 $120,000 (cost increased from $100,000 to $120,000)
2020: Well #10 $120,000 (accellerated two years from 2022 to 2020)
2024: Well #4 $-0- (accellerated to 2017 by budget amendment)
2024: Well #7 $40,000
2024: Well #8 $40,000
2025: Well #5 $100,000 (cost decreased from $120,000 to $100,000)
2025: Well #10 $100,000 (NEW)
2026: Well #11 $80,000 (delayed one year from 2025 to 2026; cost increased from $60,000 to $80,000)
2026: Well #4 $80,000 (NEW)

Justification

Well No. 5 has reduced in capacity by 200 gpm since it was pulled in 2010. Wells No. 7 and 8 have not been pulled for maintenance in over 8 years. Maintenance is needed to improve efficiency and reliability of these wells. The Utility pulls each well for maintenance every 8 years, earlier if performance is decreasing or if there is an emergency.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Maint of Existing Facilities (water)	240,000		0		80,000	200,000	160,000				680,000
Total	**240,000**		**0**		**80,000**	**200,000**	**160,000**				**680,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Utility - Rates (water)	240,000		0		80,000	200,000	160,000				680,000

Total	240,000	0	80,000	200,000	160,000	680,000

Budget Impact/Other

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Finance												
New Financial System - Revised	1006					100,000	800,000					*900,000*
Borrowing (non-util, GO debt)							***800,000***					***800,000***
Capital Property Tax Levy						***100,000***						***100,000***
Finance Total						**100,000**	**800,000**					***900,000***
GRAND TOTAL						**100,000**	**800,000**					***900,000***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1006

Project Name New Financial System - Revised

Department Finance
Contact Finance Director
Type Equipment
Useful Life 10 years
Category Technology
Priority 4 Less Important

Description

Replacement of the accounting software to a unified "enterprise resource planning (ERP)" system that focuses on centralizing data and tools across all departments. The current software was purchased in 2007 or earlier as an upgrade to the prior version of the existing software. The Utility Billing module was purchased in 2009. Various other smaller modules have been purchased in recent years.

Implementing a new software requires significant investment of financial and staff resources as it is an oppurtunity to reconsider all of the City's processes to ensure they are designed to be the most effective and efficient. A consultant could be hired to assist in the RFP, selection, and contracting of a new software provider. A consultant or LTE staff would also be important for the implementation phase.

2020-2029 CIP Update: Project delayed from 2022/2023 to 2024/2025.

Justification

The City and technology have grown a lot over the past decade and the current software is not the most efficient option. A new financial system will allow the City to realize efficiencies among all departments with improved workflow, access to information, and functionality that is not currently available.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Planning/Design/Eng					100,000						100,000
Software						800,000					800,000
Total					**100,000**	**800,000**					**900,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Borrowing (non-util, GO debt)						800,000					800,000
Capital Property Tax Levy					100,000						100,000
Total					**100,000**	**800,000**					**900,000**

Budget Impact/Other

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 9999

Project Name Expenditure Restraint Program Aid - Revised

Department Finance
Contact City Administrator
Type Unassigned
Useful Life Unassigned
Category Unassigned
Priority n/a

Description

This CIP project is used to account for the years the City is expected to qualify for the expenditure restraint aid program from the State without needing to adjust specific projects.

The City did not qualify for this program with the 2016 budget and no aid payment was received in 2017. Under the City's policy, that means there is no ERP aid to apply to the 2018 capital levy. It is proposed to use fund balance from the General Fund to fill the gap. The City's fund balance policy includes an amount for State aid specifically for this purpose.

Based on the current calculation for ERP it is expected that the City will not qualify for the ERP aid when the Town of Madison is absorbed or when a TID closes.

2018 Budget Update: F100 Fund Balance (in lieu of ERP aid) applied to specific projects: #2141, #2143. #3101

2017 Budget Amendment: $1,000,000 transferred from F100 to F400 in anticipation of future gaps in ERP aid (R-193-17).

2019-2027 CIP Update: Reduction in ERP aid included over time rather than returning to original $500K/year estimate

2020-2029 CIP Update: Increased ERP aid applied to 2020 budget based on actual estimate for aid received in 2019.

Justification

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Capital Property Tax Levy	-670,000	-625,000	-600,000	-550,000	-500,000	-500,000	-500,000	-500,000	-500,000	-500,000	-5,445,000
Project Fund Balance Applied				550,000			500,000				1,050,000
Expenditure Restraint	670,000	625,000	600,000		500,000	500,000		500,000	500,000	500,000	4,395,000
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Budget Impact/Other

City of Fitchburg, WI

Capital Improvement Program (CIP)

2020 thru **2029**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Admin												
Town of Madison - Deleted	1040	0	0	0	0	0	0	0	0	0	0	*0*
Capital Property Tax Levy		***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (sewer)					***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (stormwater)					***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Utility - Rates (water)					***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
	Admin Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	***0***
	GRAND TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	***0***

Capital Improvement Program (CIP)

2020 *thru* **2029**

City of Fitchburg, WI

Project # 1040

Project Name Town of Madison - Deleted

Department Admin
Contact City Administrator
Type Equipment
Useful Life varies
Category Equipment Replace/ Resurface Pgm
Priority 1 Urgent

Description

The City will be taking over the Town of Madison in October 2022 under the existing agreement. Assessed value ~$125,000,000 and ~115 parcels. Much of the infrastructure is expected to need evaluation/repairs and there will be service needs for the area.

Note: amounts pre-funded when levy limit capacity allowed the strategy

2019 Budget: Pre-funding for 2019 removed by Council amendment #6.

2020-2029 CIP Update: Project removed due to uncertainty. If the agreement continues as it stands, the amounts included are likely not sufficient. If the agreement is modified, the amounts included are likely inaccruate. Will re-establish the CIP project when more details are known.

Infrastructure:
2023: $250,000 (80% levy; 8% water; 8% sewer; 4% stormwater)
2024: $50,000 (40% levy; 20% water; 20% sewer; 20% stormwater)
2025: $50,000 (40% levy; 20% water; 20% sewer; 20% stormwater)
2026: $50,000 (40% levy; 20% water; 20% sewer; 20% stormwater)
2027: $50,000 (40% levy; 20% water; 20% sewer; 20% stormwater)

Equipment Costs
2021: Snow Plow $191,000 (lead time to build in time for snow season)
2022: Senior Center vehicle $20,000
2022: Equipment for new polling location $27,250
Note: Police vehicles included in operating section (estimated life < 5 years)

Justification

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Equip/Vehicles/Furnishings (non-hwy, non-util)	0	0	0								0
Maint of Existing Facilities (highway)			0	0	0	0	0	0	0	0	0
Maint of Existing Facilities (util storm)				0	0	0	0	0	0	0	0

Maint of Existing Facilities (water)				0	0	0	0	0	0	0	0
Maint of Existing Facilities (sewer)				0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Funding Sources	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**Total**
Capital Property Tax Levy	0	0	0	0	0	0	0	0	0	0	0
Utility - Rates (stormwater)				0	0	0	0	0	0	0	0
Utility - Rates (water)				0	0	0	0	0	0	0	0
Utility - Rates (sewer)				0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Budget Impact/Other

Additional Staff Positions (full-time $100,000/position, including benefits inflated 3%/year):
- 6 police officers
- 1 social worker
- 1 public works/parks maintenance worker
- election workers for additional polling location $6,000/year

Ongoing Operating Costs:
- 2 purchased Police squads $60,000 each including equipment, replaced every 3 years (previously planned to lease)
- operating costs of squads $1,800 each / year

Assessing LTE Staff (one-time) $25,000

Note: This is not an exhaustive list but rather a conversation starter. More detailed analysis to be completed in coming years.

Budget Items	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**Total**
Staff Cost			0	0	0	0	0	0	0	0	0
Maintenance			0	0	0	0	0	0	0	0	0
Other (Insurance, Utilities)			0			0			0		0
Total			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Appendix

City of Fitchburg
Large Capital Projects From Prior Years Still in Progress
as of 12/31/18

2020-2029
CIP Document

Debt Authorized But Not Issued

Proj #	Project Title	Amount	Year(s) Authorized
3481	McKee Road Phase II design	210,000	2017 (portion)
3488	Fish Hatchery Road	3,373,850	2018 $2,126,350; 2018 resolution $1,247,500
			2013 $350,000, 2014 $550,000, 2016 resolution -$174,021
6255	Jamestown Park Land	-	(only good for three years per IRS rule)
TID9	Sub-Zero Parkway/Marketplace North	1,116,000	2018 resolution, if needed

Capital Projects With Fund Balance > $50,000

Proj #	Project Title	12/31/18 Audited Balance	2019 Est. Activity	2020 FB Applied	12/31/20 Estimated Balance
1018	Old City Hall Demo	55,287	(55,287)	-	-
1030	Logo Implementation/Wayfinding Signs	74,920	(74,920)	-	-
1201	Commerce Park Dev Fund Payments	51,962	(700)	(700)	50,562
2104	Mobile Data Computers - PD	57,437	(57,437)	-	-
2127	Police Evidence Facility	65,000	(65,000)	-	-
2141	Public Safety Facility	112,035	(112,035)	-	-
2200	Dane Com	219,119	(219,119)	-	-
2249	New Fire Stations	7,291,217	(7,291,217)	-	-
2257	Fire Station Signal	141,189	(141,189)	-	-
3101	Highway Equipment Replacement	267,745	(267,745)	-	-
3429	Paved Shoulders	50,114	(50,114)	-	-
3463	Cannonball & Cap City Trail	88,024	(88,024)	-	-
3470	Badger State Trail	144,611	-	-	144,611
3477	Semiole Highway Path	269,537	(269,537)	-	-
3481	McKee Road Phase II	304,818	(304,818)	-	-
6212	McKee Farms Park	95,879	(95,879)	-	-
6241	King James Way Land Purchase	109,645	-	-	109,645
6259	Park System Improvements	58,493	(58,493)	-	-
6262	Parking Lot Resurfacing	62,653	(62,653)	-	-
6302	City Campus/Bldg System Replace	371,772	(371,772)	-	-
		9,891,457	(9,585,939)	(700)	304,818

THE CITY OF Fitchburg PUBLIC WORKS

5520 Lacy Road
Fitchburg, WI 53711
608-270-4260
www.fitchburgwi.gov

May 15, 2019

Common Council:

The capital improvement plan is a 10 year planning document that sets forth potential projects that may be undertaken by the City. Some of these projects include components that are paid through assessments. In order to provide transparency and the opportunity for public input, public works sends letters to potentially assessable properties that are affected by capital projects.

We utilize our geographic information system to identify properties that may be assessed. Generally, letters are sent to all properties that may be assessed for any project within the 10-year capital plan. The street resurfacing project (#3319) is however only sent to residents in the anticipated projects in the first year of the capital plan. The quantity of residents, and uncertainty of the road schedule make it impractical to send the letter out for all 10-years of the plan.

Even with only one year, notifications are sent to over 200 residents for the resurfacing project alone.

The letter lets residents know of the potential assessment and the date of the public hearing. The letter also makes the residents aware that the inclusion of a project does not necessarily mean that the project will happen – or that they will be assessed. Public works also provides contact information so that residents can call with any concerns or questions.

If you have any questions or input on our notification process please feel free to contact Public Works.

THE CITY OF Fitchburg WISCONSIN

Amendment # _____

2020-2029 Proposed Capital Project Amendment

Submitted by:_____

Project # & Name: _____

SECTION I: Description of proposed amendment

SECTION II: Changes to Project Costs

If amendment changes the costs identified in the capital improvement plan, please detail below. If not, skip to SECTION III

Cost Breakdown	Amount Identified in Plan	Proposed Revision	Proposed Amended Project Costs
Planning/Design/Engineering			
Construction			
Equipment/Vehicles/Furnishings			
Internal Staff Charges			
Other (describe)			
Contingency			
Total			

SECTION III: Changes to Project Completion Year

Proposed Amendment modifies the identified year of project completion as follows:

First Five Years

Total Project Cost	2020	2021	2022	2023	2024
As Identified in Plan					
As Amended					

Back Five Years

Total Project Cost	2025	2026	2027	2028	2029
As Identified in Plan					
As Amended					

SECTION IV: Changes to Funding Source

Proposed Amendment modifies the funding sources for the project as follows:

First Five Years

Source	2020	2021	2022	2023	2024
Capital Property Tax Levy					
Borrowing					
Utility Rates Assessed Other (describe)					
Other (describe)					
TOTAL					

Back Five Years

Source	2025	2026	2027	2028	2029
Capital Property Tax Levy					
Borrowing					
Utility Rates Assessed Other (describe)					
Other (describe)					
TOTAL					

SECTION V: Changes to Operating Impact

Proposed Amendment modifies the future operating budget impacts for the project as follows:

First Five Years

Item Description	2020	2021	2022	2023	2024
Net Cost					

Back Five Years

Item Description	2025	2026	2027	2028	2029
Net Cost					

CITY OF FITCHBURG
2020-2029 CAPITAL IMPROVEMENT PLAN
SCHEDULE FOR ADOPTION

CIP Adoption Schedule		
Referred at Council Meeting	Tuesday	February 12, 2019
Approved by Council	Tuesday	February 26, 2019
CIP Worksheets/First Draft		
Worksheets Distributed to Departments	Friday	March 1, 2019
Revisions/Additions from Department Heads Due to Finance Director	Wednesday	April 10, 2019
Draft Submitted to Mayor for Review	Friday	April 19, 2019
Review Process with Mayor		
Department Heads Meet with Mayor to Review Projects	Wednesday	April 24, 2019
Mayor Decisions on Priorities to Finance Director	Friday	May 3, 2019
Mayor's Proposed CIP Document		
Letters mailed to property owners possibly assessed by CIP projects	Wednesday	May 15, 2019
Proposed CIP Posted to City's Website	Monday	May 20, 2019
Referred at Council Meeting	Tuesday	May 28, 2019
Council/Committee Review Process		
Finance Committee – Presentations by Department Heads (6:00 pm)	Monday	June 10, 2019
Board of Public Works (1st or 3rd Monday)	Monday	June 17, 2019
Plan Commission Meeting (3rd Tuesday)	Tuesday	June 18, 2019
Committee of the Whole Meeting (4th Wednesday)	Wednesday	June 26, 2019
Discuss borrowing needs, not projects		
Review Five Year Financial Plan with Ehlers		
PUBLIC HEARING – Common Council Meeting	Tuesday	July 9, 2019
Council Proposed Amendments/Final CIP Adoption		
Amendments Due to Finance Director (electronic format by 4:30 pm)	Tuesday	July 23, 2019
Summary Report and Amendment Details Posted to City's Website	Monday	August 5, 2019
PUBLIC HEARING – Common Council Meeting	Tuesday	August 13, 2019
Discussion and Action on Amendments, Adoption of CIP	Tuesday	August 13, 2019

Differences in the 2020-2029 CIP schedule from prior years include:

1) Delayed schedule by one month to better accommodate any new elected officials. Also expanded timeline when possible to allow for extra time at Council level. Council/Committee review in June; amendments submitted July, adoption 1st meeting in August.
2) Amendments due one week later to give Council more time to submit (an option because there are five Tuesdays in July).