City of Waukesha

Combined Five-Year Community Investment Program

2016 – 2020

Adopted

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City of Waukesha

Mayor & City Council

Mayor	Shawn Reilly
Common Council	Terry Thieme, District 1
	Eric Payne, District 2
	Chris Hernandez, District 3
	Joe Pieper, District 4
	Peter Bartels, District 5
	Adam Jankowski, District 6
	Daniel Manion, District 7
	Vance Skinner, District 8
	Kathleen Cummings, District 9
	Steve Johnson, District 10
	Erik Helgestad, District 11
	Aaron Perry, District 12
	Andy Reiland, District 13 and Council President
	Joan Francoeur, District 14
	Cory Payne, District 15

Management Team

City Administrator	Kevin Lahner
Director of Finance	Rich Abbott
Department Heads	Fred Abadi, Director of Public Works
	Paul Day, City Engineer
	Ron Grall, Director of Parks and Recreation
	Russell Jack, Police Chief
	Steve Howard, Acting Fire Chief
	Jennifer Andrews, Director of Community Development
	Brian Running, City Attorney
	Gina Kozlik, City Clerk/Treasurer
	Bret Mantey, Director of Information Technology
	Grant Lynch, Library Director
	Nancy Faulk, Cemetery Director
	Paul Klauck, City Assessor
	Donna Whalen, Human Resources Manager

Community Investment Program Overview

The Community Investment Program (CIP) is a planning tool based on long-range physical planning and financial projections that forecast the City of Waukesha's capital needs over a five-year period. The CIP includes a detailed description of every Capital Project anticipated to be initiated during the five-year period.

Community Investment Program Goals

- Maintain a systematic approach to planning and initiating capital projects affording the opportunity to plan the location, timing, and financing of the needed public improvements.
- Development of a realistic program of capital spending with the projected fiscal capability to finance such projects, avoiding sharp changes in the tax levy or bonded indebtedness.
- Enable the City to evaluate the needs of the entire City on a strategically oriented framework.
- Maintain awareness with the public and private investors of the scope of the City's capital improvements.
- Enhance opportunities for participation in federal and/or state grant and aid programs.

The CIP continues to evolve as project planning needs to respond to the strategic community direction. Changes in economic conditions or other project related issues may alter timelines. Funding mechanisms change and projects become more or less feasible based on such changes. City management continuously looks for opportunities for efficiency which often change the projected needs for capital.

The CIP is updated annually to ensure consistency and the reflection of changing strategic needs, cost fluctuations, and financial resources. The CIP document incorporating the changes is then submitted to the Finance Committee and Common Council for consideration.

City management staff employs experience-based judgment to identify which projects can be accomplished in a given year, within the limits of the City's control. As would be expected, the data available and expenditure data for early years are more precise than later years.

The City's Capital Budget is a significant part of the 2016 budget. It represents costs associated with capital projects in the first year of the 2016-2020 CIP. Such projects may include land acquisition, the construction and acquisition of new buildings, additions to or renovations of existing buildings, construction or reconstruction of street and utility infrastructure, major equipment purchases, technology upgrades and related software, and fleet replacement.

Funding Sources

Funding Sources for this CIP include the following:

10-Year General Obligation Debt

15-Year General Obligation Debt

State Shared Revenue

Tax Levy

State Funding

Federal Funding

Jurisdictional Transfer Funds

10-Year General Obligation Debt (TIF Related)

20-Year Revenue Bonds

20-Year Clean Water Fund Loan

Other Funding Sources:

- Private/Foundation Grants/Donations
- Sale of All City Property
- Waukesha County Grants
- Wastewater Treatment Operating Funds
- Parking Fines/Fees
- Subdivider Fees
- PRF Special Revenue Funds
- Impact Fees

2016 - 2020 Funding Sources by Year

	2016	2017	2018	2019	2020	2016-2020 Total
Major Capital Projects						
Governmental Funds						
10 yr GO Debt	$ (8,264,207)	$ (12,336,886)	$ (7,068,820)	$ (9,479,600)	$ (9,375,837)	$ (46,525,350)
15 yr GO Debt	(3,153,000)	(5,500,000)	-	(3,875,000)	(1,830,340)	(14,358,340)
Shared Revenues	(205,000)	(275,000)	(275,000)	(275,000)	(275,000)	(1,305,000)
Tax Levy	(245,260)	-	-	-	-	(245,260)
State Funding	(1,185,275)	(863,800)	(696,095)	(3,585,000)	(2,611,000)	(8,941,170)
Federal Funding	-	(25,000)	-	-	-	(25,000)
Jurisdictional Transfer	(3,420,000)	(2,060,000)	-	-	-	(5,480,000)
10 yr GO Debt - TIF	(580,000)	-	-	-	-	(580,000)
Other (Sale of Prop, etc)	(1,600,000)	(278,664)	(240,000)	(235,000)	(235,000)	(2,588,664)
Subtotal Governmental Capital Projects	**$ (18,652,742)**	**$ (21,339,350)**	**$ (8,279,915)**	**$ (17,449,600)**	**$ (14,327,177)**	**$ (80,048,784)**
Enterprise Funds						
10 yr GO Debt	$ (41,400)	$ -	$ -	$ -	$ -	$ (41,400)
Federal Funding	(4,000)	-	-	-	-	(4,000)
20 Yr Rev Bonds	(6,120,000)	(11,250,000)	(11,900,000)	(7,585,000)	(8,720,000)	(45,575,000)
20 Yr CWFL	-	-	(997,000)	(11,339,000)	-	(12,336,000)
Other (Sale of Prop, etc)	(878,900)	(750,000)	-	-	(800,000)	(2,428,900)
Subtotal Enterprise Capital Projects	**$ (7,044,300)**	**$ (12,000,000)**	**$ (12,897,000)**	**$ (18,924,000)**	**$ (9,520,000)**	**$ (60,385,300)**
Total Major Capital Projects	**$ (25,697,042)**	**$ (33,339,350)**	**$ (21,176,915)**	**$ (36,373,600)**	**$ (23,847,177)**	**$ (140,434,084)**
Equipment						
Governmental Funds						
10 yr GO Debt	$ (14,082)	$ (752,909)	$ (43,500)	$ (77,500)	$ (655,000)	$ (1,542,991)
Shared Revenues	(1,238,665)	(1,050,758)	(547,800)	(502,800)	(788,800)	(4,128,823)
Tax Levy	(145,750)	-	-	-	-	(145,750)
Federal Funding	-	-	(235,000)	(235,000)	-	(470,000)
Other (Sale of Prop, etc)	(2,500)	(15,000)	(15,000)	(15,000)	(5,000)	(52,500)
Subtotal Governmental Equipment	**$ (1,400,997)**	**$ (1,818,667)**	**$ (841,300)**	**$ (830,300)**	**$ (1,448,800)**	**$ (6,340,064)**
Enterprise Funds						
Other (Sale of Prop, etc)	(124,100)	(70,500)	(94,000)	(36,000)	(103,000)	(427,600)
Subtotal Enterprise Equipment	**$ (124,100)**	**$ (70,500)**	**$ (94,000)**	**$ (36,000)**	**$ (103,000)**	**$ (427,600)**
Total Major Equipment	**$ (1,525,097)**	**$ (1,889,167)**	**$ (935,300)**	**$ (866,300)**	**$ (1,551,800)**	**$ (6,767,664)**
Fleet						
Governmental Funds						
10 yr GO Debt	$ (864,750)	$ (2,736,750)	$ (1,509,950)	$ (2,467,450)	$ (1,690,800)	$ (9,269,700)
Tax Levy	(1,123,700)	(617,284)	(598,944)	(450,645)	(622,077)	$ (3,412,650)
Other (Sale of Prop, etc)	(75,800)	(116,735)	(75,910)	(79,668)	(81,322)	$ (429,435)
Subtotal Governmental Fleet	**$ (2,064,250)**	**$ (3,470,769)**	**$ (2,184,804)**	**$ (2,997,763)**	**$ (2,394,199)**	**$ (13,111,785)**
10 yr GO Debt	$ (246,000)	$ (164,000)	$ (380,000)	$ (219,000)	$ (294,000)	$ (1,303,000)
Federal Funding	(984,000)	(656,000)	(1,312,000)	(800,000)	(1,176,000)	$ (4,928,000)
Other (Sale of Prop, etc)	(30,000)	(222,000)	(74,000)	(278,000)	(33,000)	$ (637,000)
Subtotal Enterprise Fleet	**$ (1,260,000)**	**$ (1,042,000)**	**$ (1,766,000)**	**$ (1,297,000)**	**$ (1,503,000)**	**$ (6,868,000)**
Total Fleet	**$ (3,324,250)**	**$ (4,512,769)**	**$ (3,950,804)**	**$ (4,294,763)**	**$ (3,897,199)**	**$ (19,979,785)**
Total by CIP Category	**$ (30,546,389)**	**$ (39,741,286)**	**$ (26,063,019)**	**$ (41,534,663)**	**$ (29,296,176)**	**$ (167,181,533)**

2016 - 2020 Funding Sources by Year

	2016	2017	2018	2019	2020	2016-2020 Total
Summary by Fund Type						
Governmental Funds						
10 yr GO Debt	$ (9,143,039)	$ (15,826,545)	$ (8,622,270)	$ (12,024,550)	$ (11,721,637)	$ (57,338,041)
15 yr GO Debt	(3,153,000)	(5,500,000)	-	(3,875,000)	(1,830,340)	(14,358,340)
Shared Revenues	(1,443,665)	(1,325,758)	(822,800)	(777,800)	(1,063,800)	(5,433,823)
Tax Levy	(1,514,710)	(617,284)	(598,944)	(450,645)	(622,077)	(3,803,660)
State Funding	(1,185,275)	(863,800)	(696,095)	(3,585,000)	(2,611,000)	(8,941,170)
Federal Funding	-	(25,000)	(235,000)	(235,000)	-	(495,000)
Jurisdictional Transfer	(3,420,000)	(2,060,000)	-	-	-	(5,480,000)
10 yr GO Debt - TIF	(580,000)	-	-	-	-	(580,000)
Other (Sale of Prop, etc)	(1,678,300)	(410,399)	(330,910)	(329,668)	(321,322)	(3,070,599)
Subtotal Governmental	**$ (22,117,989)**	**$ (26,628,786)**	**$ (11,306,019)**	**$ (21,277,663)**	**$ (18,170,176)**	**$ (99,500,633)**
Enterprise Funds						
10 yr GO Debt	$ (287,400)	$ (164,000)	$ (380,000)	$ (219,000)	$ (294,000)	$ (1,344,400)
Federal Funding	(988,000)	(656,000)	(1,312,000)	(800,000)	(1,176,000)	(4,932,000)
20 Yr Rev Bonds	(6,120,000)	(11,250,000)	(11,900,000)	(7,585,000)	(8,720,000)	(45,575,000)
20 Yr CWFL	-	-	(997,000)	(11,339,000)	-	(12,336,000)
Other (Sale of Prop, etc)	(1,033,000)	(1,042,500)	(168,000)	(314,000)	(936,000)	(3,493,500)
Subtotal Enterprise	**$ (8,428,400)**	**$ (13,112,500)**	**$ (14,757,000)**	**$ (20,257,000)**	**$ (11,126,000)**	**$ (67,680,900)**
Total by Fund Type	**$ (30,546,389)**	**$ (39,741,286)**	**$ (26,063,019)**	**$ (41,534,663)**	**$ (29,296,176)**	**$ (167,181,533)**
Summary by Funding Source						
10 yr GO Debt	$ (9,430,439)	$ (15,990,545)	$ (9,002,270)	$ (12,243,550)	$ (12,015,637)	$ (58,682,441)
15 yr GO Debt	(3,153,000)	(5,500,000)	-	(3,875,000)	(1,830,340)	(14,358,340)
Shared Revenues	(1,443,665)	(1,325,758)	(822,800)	(777,800)	(1,063,800)	(5,433,823)
Tax Levy	(1,514,710)	(617,284)	(598,944)	(450,645)	(622,077)	(3,803,660)
State Funding	(1,185,275)	(863,800)	(696,095)	(3,585,000)	(2,611,000)	(8,941,170)
Federal Funding	(988,000)	(681,000)	(1,547,000)	(1,035,000)	(1,176,000)	(5,427,000)
Jurisdictional Transfer	(3,420,000)	(2,060,000)	-	-	-	(5,480,000)
10 yr GO Debt - TIF	(580,000)	-	-	-	-	(580,000)
20 Yr Rev Bonds	(6,120,000)	(11,250,000)	(11,900,000)	(7,585,000)	(8,720,000)	(45,575,000)
20 Yr CWFL	-	-	(997,000)	(11,339,000)	-	(12,336,000)
Other (Sale of Prop, etc)	(2,711,300)	(1,452,899)	(498,910)	(643,668)	(1,257,322)	(6,564,099)
Total Funding Sources	**$ (30,546,389)**	**$ (39,741,286)**	**$ (26,063,019)**	**$ (41,534,663)**	**$ (29,296,176)**	**$ (167,181,533)**

Capital Projects by Year

	Project Name	2016	2017	2018	2019	2020	Total
	Governmental Funds:						
DPW	Major Street Reconstruction	$ 1,593,000	$ 2,295,000	$ 1,905,000	$ 2,690,000	$ 2,030,000	$ 10,513,000
	Minor Street Reconstruction	1,253,000	1,766,000	2,068,000	2,000,000	2,000,000	9,087,000
	Downtown Light Poles	100,000	100,000	100,000	100,000	100,000	500,000
	Annual Asphalt Resurfacing	700,000	1,235,000	1,100,000	1,235,000	1,100,000	5,370,000
	Concrete Slab/Joint Repair	150,000	150,000	150,000	150,000	150,000	750,000
	STP Projects - St. Paul Ave/S. East Avenue	1,323,200	231,000	568,700	4,760,000	3,610,000	10,492,900
	Alley Reconstruction	190,000	150,000	150,000	150,000	150,000	790,000
	Traffic Sig Repl.	185,000	195,000	150,000	195,000	-	725,000
	Storm Sewer/Fld. Mitigation	1,500,000	2,740,000	-	1,500,000	1,500,000	7,240,000
	West Bypass Reconstruction	3,153,000	-	-	-	-	3,153,000
	Summitt Ave & Delafield St. Improve. (Phase 2)	3,420,000	-	-	-	-	3,420,000
	Madison Street Structure	743,000	-	-	-	-	743,000
	CMAQ Projects	54,105	-	301,420	-	-	355,525
	City Hall Roof Replacement	-	265,000	-	-	-	265,000
	E Sunset Drive Improvements (TIF 22)	1,820,000	-	-	-	-	1,820,000
	HVAC Equipment and Control Upgrade - City Hall	-	500,000	-	-	-	500,000
	City Garage Roof Replacement	45,000	-	-	-	-	45,000
	HSIP Project - Grandview and Northview	103,430	605,000	-	-	-	708,430
	Residential Paving (Big Bend Road)	180,000	-	-	-	-	180,000
	Moreland Boulevard Improvements	-	2,750,000	-	-	-	2,750,000
	New Traffic Signals (Abbott Dr. & Kossow Rd.)	-	175,000	-	-	-	175,000
	NR 216 Program for Storm Water Discharge	35,000	-	-	-	-	35,000
	Dept of Public Works Total	**$ 16,547,735**	**$ 13,157,000**	**$ 6,493,120**	**$ 12,780,000**	**$ 10,640,000**	**$ 59,617,855**
Engineering	Concrete & Asphalt Street Repair	$ 100,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 660,000
	Bridge Inspection & Repair	50,000	80,000	80,000	80,000	80,000	370,000
	Sidewalk Replacement - City Funded	150,000	150,000	150,000	150,000	150,000	750,000
	Sidewalk Replacement - Spec. Assessments	120,000	120,000	120,000	120,000	120,000	600,000
	Street Light Upgrades	5,000	5,000	5,000	5,000	5,000	25,000
	Engineering Total	**$ 425,000**	**$ 495,000**	**$ 495,000**	**$ 495,000**	**$ 495,000**	**$ 2,405,000**
Fire	Training Center Repairs	$ -	$ 20,000	-	$ -	$ -	$ 20,000
	Station #1 Carpet and Painting	-		35,000	-	-	35,000
	Station #1 Roof and Masonry Joint Replacement	-	15,000	15,000	70,000	-	100,000
	Station #4 Window and Door Replacement	-	30,000	-	-	-	30,000
	Station #4 Paving	-	-	15,000	-	-	15,000
	Fire Total	**$ -**	**$ 65,000**	**$ 65,000**	**$ 70,000**	**$ -**	**$ 200,000**
Library	Laptop Lending Kiosk	$ -	$ 33,400	$ -	$ -	$ -	$ 33,400
	Tablet Checkout Machine	-	25,000	-	-	-	25,000
	Rooftop Green Roof	-	100,000	-	-	-	100,000
	Rooftop Repairs	10,000	-	-	-	-	10,000
	Electronic Bulletin Board	-	50,000	-	-	-	50,000
	Interior Renovations	-	-	-	-	1,004,737	1,004,737
	Carnegie Room Renovations	-	291,000	-	-	-	291,000
	Library Total	**$ 10,000**	**$ 499,400**	**$ -**	**$ -**	**$ 1,004,737**	**$ 1,514,137**
Community Devel.	Dunbar Oaks Alley (TIF 17)	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
	Community Development Total	**$ 180,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 180,000**
Parks Rec. & For.	Playground Equipment and Surface Replacement	$ 140,000	$ 390,000	$ 200,000	$ 130,000	$ 130,000	$ 990,000
	Park Furnishings	51,760	17,600	24,160	19,600	17,600	130,720
	Schuetze Rec. Center Improvements	53,500	30,000	-	30,000	50,000	163,500
	Parking Lot Improvements	50,000	140,000	50,000	50,000	50,000	340,000
	Park Lighting	63,000	63,000	36,000	-	-	162,000
	Athletic Facility Improvements	562,702	270,000	340,000	-	-	1,172,702
	Tennis Court Maintenance	138,000	88,000	45,000	-	-	271,000
	Park Fencing	175,675	176,150	122,135	-	-	473,960
	Riverwalk Improvements	124,500	-	109,500	-	109,500	343,500
	Park Improvements	-	50,000	300,000	-	-	350,000
	Woodfield Dam Reconstruction	-	355,000	-	-	-	355,000
	EB Shurts Building Improvements	15,510	-	-	-	-	15,510
	Fox River Connector (Bike/Ped. Improve.)	72,000	-	-	-	-	72,000
	Park Shelter Improvements	43,360	43,200	-	-	-	86,560
	Buchner Aquatic Center & Improvements	-	5,500,000	-	-	-	5,500,000
	Southern Regional Maintenance Center	-	-	-	-	1,830,340	1,830,340
	New Park Development (Mindiola)	-	-	-	3,875,000	-	3,875,000
	Parks Rec. & Forestry Total	**$ 1,490,007**	**$ 7,122,950**	**$ 1,226,795**	**$ 4,104,600**	**$ 2,187,440**	**$ 16,131,792**
	Governmental Funds Totals	**$ 18,652,742**	**$ 21,339,350**	**$ 8,279,915**	**$ 17,449,600**	**$ 14,327,177**	**$ 80,048,784**

Capital Projects by Year

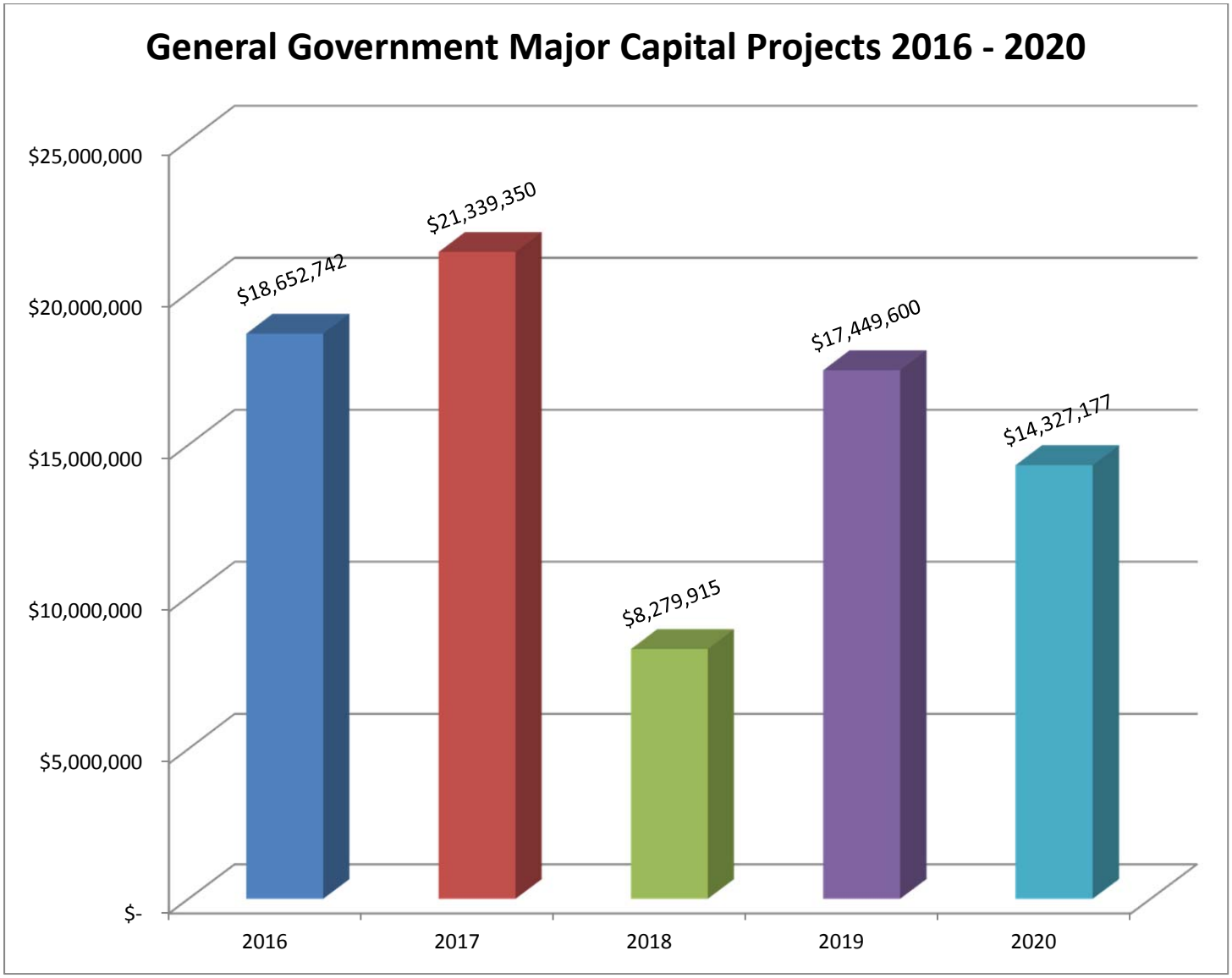
	Project Name	2016	2017	2018	2019	2020	Total
	Enterprise Funds:						
WWTP	UV Disinfection Upgrade	$ 800,900	$ -	$ -	$ -	$ -	$ 800,900
	Sanitary Interceptor Projects	400,000	6,250,000	7,000,000	2,500,000	4,000,000	20,150,000
	Sanitary Pump Station & Force Main Rehab.	400,000	1,250,000	1,250,000	1,435,000	720,000	5,055,000
	Sanitary Sewer Extensions (E. Broadway)	-	500,000	-	-	-	500,000
	Sanitary Manhole Rehabilitation	350,000	350,000	350,000	350,000	350,000	1,750,000
	Sanitary Sewer Rebabilitation	4,970,000	2,900,000	3,300,000	3,300,000	3,650,000	18,120,000
	Facility Plan 6-10-Yr Upgrades	-	-	997,000	11,339,000	-	12,336,000
	Final Clarifier Rehabilitation	-	750,000	-	-	-	750,000
	Primary Influent Pump Replacement	-	-	-	-	800,000	800,000
	WWTP Total	**$ 6,920,900**	**$ 12,000,000**	**$ 12,897,000**	**$ 18,924,000**	**$ 9,520,000**	**$ 60,261,900**
Parking	Transit Center Tower Waterproofing	$ 78,000	$ -	$ -	$ -	$ -	$ 78,000
	Parking Total	**$ 78,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 78,000**
Cemetery	Sidewalk Replacement	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
	Patching & Crack-Filling Cemetery Roads	25,400	-	-	-	-	25,400
	Cemetery Total	**$ 45,400**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 45,400**
	Enterprise Funds Totals	**$ 7,044,300**	**$ 12,000,000**	**$ 12,897,000**	**$ 18,924,000**	**$ 9,520,000**	**$ 60,385,300**
	Total Projects by Year	**$ 25,697,042**	**$ 33,339,350**	**$ 21,176,915**	**$ 36,373,600**	**$ 23,847,177**	**$ 140,434,084**

Major Capital Projects 2016-2020

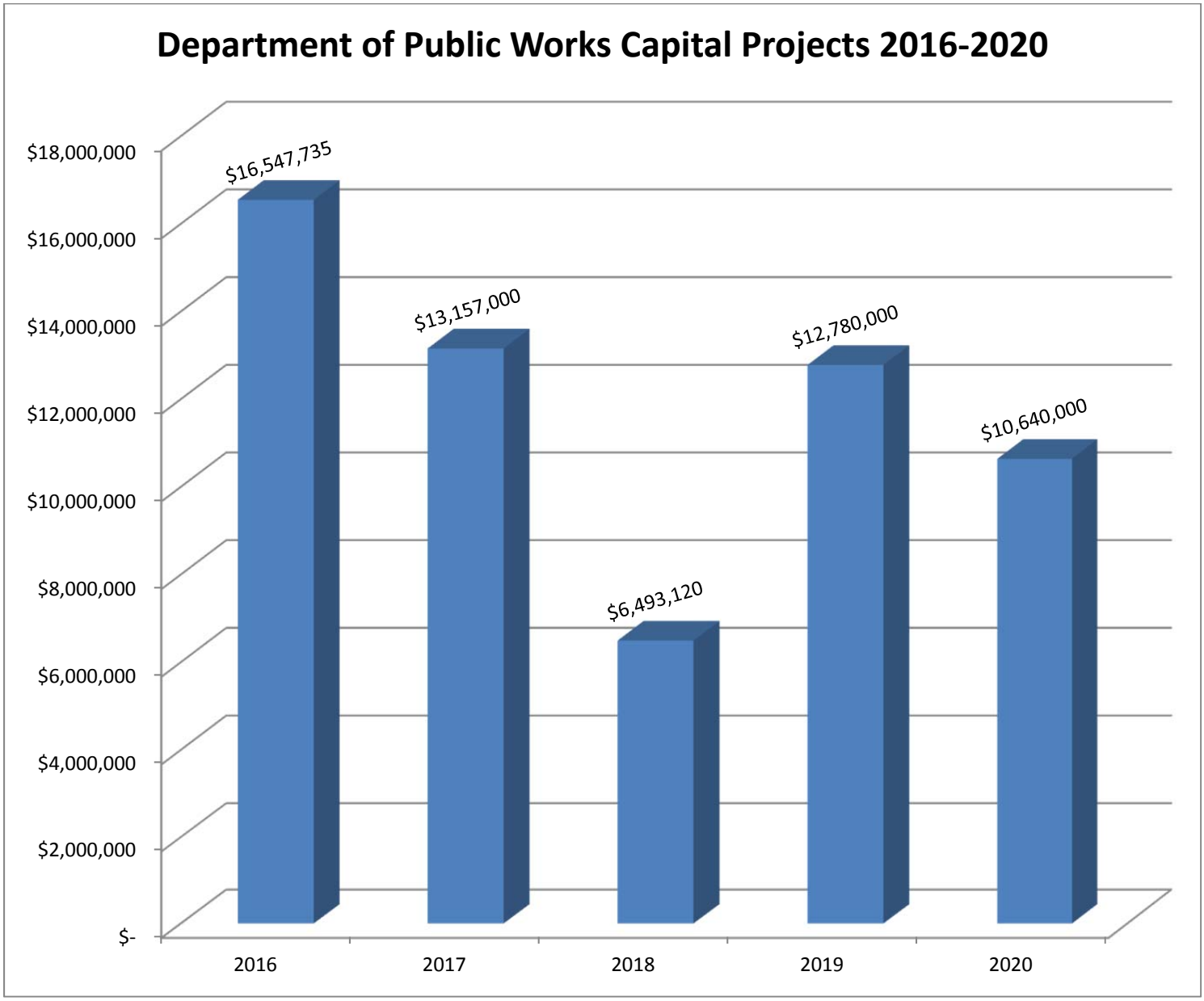
Major Capital Projects are typically large construction projects related to major infrastructure within the City of Waukesha. The majority of these projects are coordinated by the Department of Public Works and include major road reconstruction, minor road reconstruction, asphalt resurfacing, storm sewer installation and improvements, facility upgrades and/or expansions and park system improvements.

The vast majority of these projects are funded by 10-year or 15-year general obligation debt. Those projects located within the Wastewater Fund Utility may be funded by 20-year Revenue Bonds or the state-sponsored Clean Water Fund Loan. The advantage to the Clean Water Fund Loan is a state-subsidized interest rate, which allows the city to access capital at below market rates with longer term payback provisions.

Some major capital projects are partially funded with State and/or Federal Grants such as the Congestion Mitigation and Air Quality (CMAQ) grants, Surface Transportation Program Grants, or Department of Natural Resources Stewardship Fund grants. Most grant programs are competitive in nature and must be applied for and scored by the appropriate state agency in order to be eligible for the funds.



Projects by Department



Department of Public Works Capital Projects 2016-2020

Project Name	2016	2017	2018	2019	2020	2016-2020 Total
Major Street Reconstruction	$1,593,000	$2,295,000	$1,905,000	$2,690,000	$2,030,000	$10,513,000
Minor Street Reconstruction	1,253,000	1,766,000	2,068,000	2,000,000	2,000,000	9,087,000
Downtown Light Poles	100,000	100,000	100,000	100,000	100,000	500,000
Annual Asphalt Resurfacing	700,000	1,235,000	1,100,000	1,235,000	1,100,000	5,370,000
Concrete Slap/Joint Repair	150,000	150,000	150,000	150,000	150,000	750,000
STP Projects - St. Paul Ave/S. East Avenue	1,323,200	231,000	568,700	4,760,000	3,610,000	10,492,900
Alley Reconstruction	190,000	150,000	150,000	150,000	150,000	790,000
Traffic Sig Repl.	185,000	195,000	150,000	195,000	-	725,000
Storm Sewer/Fld. Mitigation	1,500,000	2,740,000	-	1,500,000	1,500,000	7,240,000
West Bypass Reconstruction	3,153,000	-	-	-	-	3,153,000
Summit Ave & Delafield St. Improvements	3,420,000	-	-	-	-	3,420,000
Madison Street Structure	743,000	-	-	-	-	743,000
CMAQ Projects	54,105	-	301,420	-	-	355,525
City Hall Roof Replacement	-	265,000	-	-	-	265,000
E Sunset Drive Improvements	1,820,000	-	-	-	-	1,820,000
HVAC Equipment and Control Upgrade - City Hall	-	500,000	-	-	-	500,000
City Garage Roof Replacement	45,000	-	-	-	-	45,000
HSIP Project - Grandview and Northview	103,430	605,000	-	-	-	708,430
Residential Paving	180,000	-	-	-	-	180,000
Moreland Boulevard Improvements	-	2,750,000	-	-	-	2,750,000
New Traffic Signals	-	175,000	-	-	-	175,000
NR 216 Program for Storm Water Discharge	35,000	-	-	-	-	35,000
Public Works Total	**$16,547,735**	**$13,157,000**	**$6,493,120**	**$12,780,000**	**$10,640,000**	**$59,617,855**

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	$10,513,000

Project #	
Project Name	Major Street Reconstruction

Description

The Major Street Reconstruction Program was first funded in 1996 for the reconstruction of older streets that are considered major traffic carriers in the City of Waukesha. These streets have deteriorated pavement and curb and gutter, and are in a condition that is beyond the help of regular maintenance or the resurfacing program. The street planned for the Major Street Reconstruction Program in **2016 is W. Main Street from Clinton Street to Barstow Street**. Sanitary Sewer funds will be necessary for these projects.

Justification/ How does this Increase Service to Residents?

The reconstruction of these streets allows the Engineering Department to update curb ramps to current ADA requirements, improve intersection movements, improve drainage issues, and construct a new pavement structure for the traveling public. During the road reconstruction, utilities such as sewer, water and gas take this opportunity to update their aging facilities. The infrastructure being replaced with the Major Street Reconstruction Program is well beyond its useful life. Streets in this Program are reviewed yearly in order to best use the funding provided. The streets currently planned for this program in years 2017 to 2020 include the following:
2017
Prairie Ave - College Ave to St. Paul Ave
2018
Delafield St - Bidwell to Magnolia
2019
Barstow St - Main St to St. Paul
Barstow St - Wisconsin Ave to Main St
2020
Arcadian Ave - 200' west of Perkins Ave to Drainage Ditch
St Paul - Wisconsin Ave to Madison St.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2004-49110-00000	10-yr GO Debt		$ 1,593,000	$ 2,295,000	$ 1,905,000	$ 2,690,000	$ 2,030,000	$ 10,513,000
		Total	$ 1,593,000	$ 2,295,000	$ 1,905,000	$ 2,690,000	$ 2,030,000	$ 10,513,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2004-68290-00000	2016 W. Main Street		$ 1,593,000	$ -	$ -	$ -	$ -	$ 1,593,000
0410-2004-68290-00000	2017 Prairie Avenue		$ -	$ 2,295,000	$ -	$ -	$ -	$ 2,295,000
0410-2004-68290-00000	2018 Delafield Street		$ -	$ -	$ 1,905,000	$ -	$ -	$ 1,905,000
0410-2004-68290-00000	2019 Barstow Street		$ -	$ -	$ -	$ 2,690,000	$ -	$ 2,690,000
0410-2004-68290-00000	2020 Arcadian Avenue / St. Paul Ave		$ -	$ -	$ -	$ -	$ 2,030,000	$ 2,030,000
		Total	$ 1,593,000	$ 2,295,000	$ 1,905,000	$ 2,690,000	$ 2,030,000	$ 10,513,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced. The exising traffic signals will be replaced with new infrastrucure that will also require less maintenence.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$9,087,000**

Project #	
Project Name	Minor Street Reconstruction

Description

The Minor Street Reconstruction Program was first funded in 1996, for the reconstruction of residential streets and other streets that are not considered major traffic carriers in the City of Waukesha. The streets have typically been overlayed many times and have extremely deteriorated pavement and curb and gutter. These streets are in a condition that is beyond the help of regular maintenance or the resurfacing program. Streets planned for the Minor Street Reconstruction Program in **2016 are Tenny Avenue from E. College Avenue to E. Newhall Avenue, and N. Greenfield Avenue from E. Main Street to Arcadian Avenue**. Sanitary Sewer funds will be necessary for these projects.

Justification/ How does this Increase Service to Residents?

The reconstruction of these streets allows the Engineering Department to update curb ramps to current ADA requirements, improve drainage issues, and construct a new pavement structure for the traveling public. During the road reconstruction, utilities such as sewer, water and gas take this opportunity to update their aging facilities. The infrastructure being replaced with the Minor Street Reconstruction is well beyond its useful life. Streets in this Program are reviewed yearly in order to best use the funding provided. The streets currently planned for this program in years 2017 to 2020 include the following:

2017
N. Grand Ave - 5 Points to Wisconsin Ave
South St - Clinton St to Grand Ave
NW Barstow St - Buena Vista Ave to Lemira Ave

2018
South St - Grand Ave to Barstow St
Riverfront Plaza - Broadway to Barstow St
Fairview Ave - Dopp St to St. Paul Ave

2019
Dunbar Ave - Marshall St to West Ave
Bethesda Ct - Dunbar Ave to Prospect Ct
Prospect Ct - Bethesda Ct to West Ave

2020
W Broadway - Clinton St to Main St
W Broadway - Main St to South St
Gaspar St - Main St to W. Broadway
Hartwell Ave, S - Newhall Ave to Oxford Ave

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2010-49110-00000	10-yr GO Debt		$ 1,253,000	$ 1,766,000	$ 2,068,000	$ 2,000,000	$ 2,000,000	$ 9,087,000
		Total	$ 1,253,000	$ 1,766,000	$ 2,068,000	$ 2,000,000	$ 2,000,000	$ 9,087,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2010-68290-00000	2016 Tenny Avenue		$ 658,000	$ -	$ -	$ -	$ -	$ 658,000
0410-2010-68290-00000	2016 N. Greenfield Avenue		$ 595,000	$ -	$ -	$ -	$ -	$ 595,000
0410-2010-68290-00000	2017 N. Grand Ave/South St/NW Barstow St		$ -	$ 1,766,000	$ -	$ -	$ -	$ 1,766,000
0410-2010-68290-00000	2018 Sout St/Riverfront Pl/Fairview Ave		$ -	$ -	$ 2,068,000	$ -	$ -	$ 2,068,000
0410-2010-68290-00000	2019 Dunbar Ave/Bethesda Ct/Prospect Ct		$ -	$ -	$ -	$ 1,285,000	$ -	$ 1,285,000
0410-2010-68290-00000	2019 TBD		$ -	$ -	$ -	$ 715,000	$ -	$ 715,000
0410-2010-68290-00000	2020 W Broadway/Gaspar St/S Hartwell Ave		$ -	$ -	$ -	$ -	$ 1,648,000	$ 1,648,000
0410-2010-68290-00000	2020 TBD		$ -	$ -	$ -	$ -	$ 352,000	$ 352,000
		Total	$ 1,253,000	$ 1,766,000	$ 2,068,000	$ 2,000,000	$ 2,000,000	$ 9,087,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Jeffrey Hernke
Department	Engineering
Type	Street Lighting
Useful Life	20 years
Category	Upgrade/Replacement
Priority	1
Total Project Cost	**$500,000**

Project #	
Project Name	Upgrade of Historical Lighting

Description

The project would consist of replacement of existing historical street lighting throughout the City. The replacement and upgrading would include; wiring, conduit, pole bases, poles, and fixtures. The fixtures would replace existing high-pessure sodium lamps, with new energy-efficient lamps.

Justification/ How does this Increase Service to Residents?

Replacement of existing historical street lights will benefit the residents of Waukesha, by providing nearly maintenance-free lighting over the useful life of the street lights. Currently, through out the City, there are many existing street lights that are damaged, deteriorated from time, and inefficient. With a continued replacement of the old fixtures, we will provide safe lighting for residents while walking through our City. The new LED fixtures are expected to provide up to 90,000 hours of use, before replacement is needed. Currently, the High Pressure Sodium (HPS) fixtures require changing of the lamps, to remain lit. The expected life of a HPS lamp is only 24,000 hours, or a useful life of 5.5 years. The new LED lamps are environmentally friendly, whereas the HPS lamps do contain hazardous waste, and must be disposed of correctly. The new LED lamps have an instant on or off, where as the HPS require a warm up time before reaching full brightness. LED lamps provide a cleaner light, with less glare and shadows. The fixture however, is only as effective as the rest of the system. To maintain a complete system, further replacement is needed. Old conduit systems do breakdown over time. This can lead to broken conduits and damaged wires. Broken conduits will let water and debris enter causing major problems when replacing wire because of a damaged or vandalized pole/base. If the wire insulation has deteriorated due to foreign materials, the wire can fail resulting in all street lights at that point and to the end of the circuit failing. Replacing existing poles with new, undamaged and non-corroded poles, prevents damaged poles from falling on people or property, which can result in major injuries due to the size, height, and weight of the pole.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0025-49110	10-yr GO Debt		$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
		Total	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0025-68290	Upgrade of Historical Lighting		$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
		Total	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000

Operational Impact/Other

Operational impacts will be positive. With replacement of existing street lighting in our historical districts, we can greatly cut down our long term maintenance costs. Energy-efficient LED lamps provide much longer service lives, with much less interaction and maintenance from City Crews. Every day, citizens and guests use the City walks, day and night. It is our responsibility to provide safe and effective lighting so that all can reach their destinations without incident.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	15 Years
Category	Maintenance
Priority	1
Total Project Cost	**$5,370,000**

Project #	
Project Name	Resufacing of Asphalt and Concrete Streets

Description

The Resurfacing of Asphalt and Concrete Streets Program was first funded in 1990. The resurfacing of a street is a cost effective means of prolonging the life of the City's existing streets. This program restores a street to like-new condition by repairing storm inlets, manholes, settled curbs, installing and/or updating curb ramps to current ADA standards, and then miling the existing surface and placing a new asphalt driving surface. The City applies bi-annually for State funds through the Local Improvement Program, to help offset the costs of this program. Also, the City's yearly Crackfilling Contract is funded through this program. Sanitary Sewer funds will be necessary for this program. Streets currently planned for the 2016 Resurfacing Program include the following:

Pewaukee Rd - 175' S of W Moreland Blvd to E. North St
S. Grand Ave - Hoover Ave to Estberg Ave
Minot Ln - S. Comanche Ln to Mesa Verde Dr
Knollwood Ct - Minot Ln to Cul-De-Sac
S Comanche Ln - Mesa Verde Dr to Minot Ln
Crestwood Dr - S intersection of S. Comanche Ln to Cul-De-Sac
East View Ct - S Comanche Ln to Cul-De-Sac
West View Ct - S Comanche Ln to Cul-De-Sac
Bonnie Ln - Cambridge Ave to Jays Ln
Jays Ln - S Grandview Blvd to Yvonne St
Mabel Ct - Yvonne St to Cul-De-Sac
Yvonne St - Bonnie Ln to Cambridge
Cambridge - S Grandview Blvd to Bonnie Ln
Barberry Ct - Hunting Ridge Rd
Broken Hill Ct - Hunting Ridge Ct to Cul-De-Sac
Candlewyck Ct - Hunting Ridge Ct to Cul-De-Sac
Cottage Ct - Hunting Ridge Ct to Cul-De-Sac
Hunting Ridge - Broken Hill Rd to Pebble Valley Rd
Stonefield Ct - Hunting Ridge Ct to Cul-De-Sac

Justification/ How does this Increase Service to Residents?

The resurfacing of streets at the proper time, prolongs the life, and postpones the much greater expense of reconstruction. Streets in this program are reviewed yearly in order to best use the funding provided. The streets currently planned for this program in years 2017 to 2020 are available if desired.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2006-42410-00000	LRIP Grant		$ -	$ 135,000	$ -	$ 135,000	$ -	$ 270,000
0410-2006-49110-00000	10-yr GO Debt		$ 700,000	$ 1,100,000	$ 1,100,000	$ 1,100,000	$ 1,100,000	$ 5,100,000
		Total	$ 700,000	$ 1,235,000	$ 1,100,000	$ 1,235,000	$ 1,100,000	$ 5,370,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2006-68290-00000	2016 Street Resurfacing		$ 600,000	$ -	$ -	$ -	$ -	$ 600,000
0410-2006-68290-00000	2016 Crackfilling		$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
0410-2006-68290-00000	2017 Street Resurfacing		$ -	$ 1,135,000	$ -	$ -	$ -	$ 1,135,000
0410-2006-68290-00000	2017 Crackfilling		$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
0410-2006-68290-00000	2018 Street Resurfacing		$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
0410-2006-68290-00000	2018 Crackfilling		$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
0410-2006-68290-00000	2019 Street Resurfacing		$ -	$ -	$ -	$ 1,135,000	$ -	$ 1,135,000
0410-2006-68290-00000	2019 Crackfilling		$ -	$ -	$ -	$ 100,000	$ -	$ 100,000
0410-2006-68290-00000	2020 Street Resurfacing		$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000
0410-2006-68290-00000	2020 Crackfilling		$ -	$ -	$ -	$ -	$ 100,000	$ 100,000
		Total	$ 700,000	$ 1,235,000	$ 1,100,000	$ 1,235,000	$ 1,100,000	$ 5,370,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul G Day
Department	Engineering
Type	Road
Useful Life	25 Years
Category	New Construction
Priority	2
Total Project Cost	**$750,000**

Project #	
Project Name	Concrete Pavement Slab and Joint Repair

Description

Funding allows for substantial replacement of deteriorated slabs of a concrete paved road, where complete reconstruction of curbs and gutters and drive approaches is not necessary. Useful life is extended by another 25 years.

Justification/ How does this Increase Service to Residents?

The patching of concrete at the proper time, prolongs the life and postpones the much greater expense of reconstruction. Streets in this program are reviewed yearly in order to best use the funding provided. The streets currently planned for this program in 2016 include the following:
W. Sunset Drive - Chapman to East of Sentry Drive
Sentry Drive - North RR Crossing to W. Sunset Drive
W. Sunset Drive - S. Grand Avenue to S. East Avenue

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2007-49110	10-yr GO Debt		$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000
		Total	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2007-68290	Concrete Slab and Joint Repair		$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000
		Total	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien/Margaret Liedtke
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$10,492,900**

Project #	
Project Name	Projects with Federal and State Funding - STP

Description

This program involves reconstruction projects that involve Federal and State Funds. There will be some carryover costs from the 2015 S. East Avenue Construction Project. The City has submitted applications for 2 projects, that are pending approval. These projects are for Surface Transportation Program (STP) funding:

St. Paul Avenue from Mountain Avenue to Madison Street
Summit Avenue from Maple Way South to Western Avenue

Justification/ How does this Increase Service to Residents?

The STP projects will provide a new pavement structure for the traveling public, and updates to curb ramps to meet current ADA standards. The projects will also improve intersection movements, improve drainage issues and upgrade traffic signals. STP projects have a cost share that is 80% Federal funding, and 20% City Funding.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0002-49110-00000	10-yr GO Debt	**	$ 264,640	$ 46,200	$ 113,740	$ 1,310,000	$ 999,000	$ 2,733,580
Not shown in MUNIS	WISDOT STP Funding		$ 1,058,560	$ 184,800	$ 454,960	$ 3,450,000	$ 2,611,000	$ 7,759,320
		Total	$ 1,323,200	$ 231,000	$ 568,700	$ 4,760,000	$ 3,610,000	$ 10,492,900

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0002-68290-00000	STP - St Paul Avenue	**	$ 104,640	$ 46,200	$ -	$ 1,310,000	$ -	$ 1,460,840
0410-0002-68290-00000	STP - Summit Avenue		$ -	$ -	$ 113,740	$ -	$ 999,000	$ 1,112,740
0410-0002-68290-00000	STP - S. East Avenue	**	$ 160,000	$ -	$ -	$ -	$ -	$ 160,000
Not shown in MUNIS	WISDOT STP		$ 1,058,560	$ 184,800	$ 454,960	$ 3,450,000	$ 2,611,000	$ 7,759,320
		Total	$ 1,323,200	$ 231,000	$ 568,700	$ 4,760,000	$ 3,610,000	$ 10,492,900

Only 20% City share will be shown in Munis.

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced. The exising traffic signals will be replaced with new infrastrucure that will also require less maintenence.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$790,000**

Project #	
Project Name	Alley Reconstruction

Description

There are 70+ asphalt alleys that were built from 1975 to 1997 and there are 10+ alleys that were built from 1952 to 1960, that are concrete, or concrete with asphalt. These alleys have deteriorated pavement, and are in a condition that is beyond the help of regular maintenance or the resurfacing program. The alley planned for the Alley Reconstruction Program in **2016 is Alley # 65 and Alley #78 EW**. Alley #65 is bordered by James, Hartwell, Newhall and Laflin. Alley # 78 EW is bordered by Aurora, Oakland, Arcadian and National.

Justification/ How does this Increase Service to Residents?

The reconstruction of alleys allows the Engineering Department to improve drainage issues, and construct a new pavement structure for the traveling public. The infrastructure being replaced with the Alley Reconstruction Program is well beyond its useful life. Alleys in this program are reviewed yearly in order to best use the funding provided. The alleys currently planned for this program in years 2017 to 2020 include the following:

2017
Alley #61 - Bordered by Wilbur, Charles, Newhall, Laflin
2018
Alley #63 - Bordered by Charles, James, Newhall, Laflin
2019
Alley #29 - Bordered by Grand, Garfield, Newhall, Laflin
2020
Alley #97 - Bordered by Foxpoint, Oakdale, Wisteria, Sunset

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2011-49110	10-yr GO Debt		$ 190,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 790,000
		Total	$ 190,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 790,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2011-68290	2016-Alley #65 & Alley #78EW		$ 190,000	$ -	$ -	$ -	$ -	$ 190,000
0410-2011-68290	2017-Alley #61		$ -	$ 150,000	$ -	$ -	$ -	$ 150,000
0410-2011-68290	2018-Alley #63		$ -	$ -	$ 150,000	$ -	$ -	$ 150,000
0410-2011-68290	2019-Alley #29		$ -	$ -	$ -	$ 150,000	$ -	$ 150,000
0410-2011-68290	2020-Alley #97		$ -	$ -	$ -	$ -	$ 150,000	$ 150,000
		Total	$ 190,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 790,000

Operational Impact/Other

The existing pavement in the alleys that are slated for reconstruction is greatly deteriorated and requires ongoing maintenance by the Department of Public Works.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Michael Grulke
Department	Engineering
Type	Road
Useful Life	25 Years
Category	Traffic Signal Upgrade
Priority	1
Total Project Cost	**$725,000**

Project #	
Project Name	Traffic Signal Upgrade Construction

Description

The City of Waukesha owns and maintains 65 traffic signals. Some of the traffic signals have fallen into disrepair, or have significant maintenance issues, or have outdated technology that requires replacement. Every year, the City tries to upgrade at least one traffic signal. A traffic signal upgrade generally involves replacing underground conduits, wiring, controller units, communication devices, deteriorated arms or poles, deteriorated and outdated signal heads. Generally, bases, poles and other structural items are still in good condition and are left in place. A typical usefull life of traffic signal electronic and communication components are typically 20 years, but the remaining infrastructure generally lasts up to 35 years. During the life cycle of a typical city street, say 50 years, a traffic signal, in it's entirety, will be replaced when the street is reconstructed, but interim upgrades are needed in the 20 year timeframe.

In 2016, Staff proposes to uprade the traffic signal on N. Grandview Blvd. at Woodburn Road, and upgrade interconnected traffic signal communications from the intersection of Grandview & Northview to Woodburn Road and to Meadow Lane. The existing underground signal equipment has become unmaintainable and the coordinated signal communications is non-functional.

In 2017, Staff proposes to uprade the traffic signal N. Grandview Blvd. at Meadow Drive and upgrade interconnected traffic signal communications from Meadow to Silvernail Rd. The existing underground signal equipment has become unmaintainable and the coordinated signal communications is non-functional.

In 2018, in conjunction with street resurfacing work on Grandview and on Madison Street, the signal at Grandview & Madison will be upgraded with new undeground conduits, wiring, control system and detection. Remaining poles are more recent and do not need to be repaired. We also plan to replace the existing outdated All Way stop flasher system on Grandview & Michigan with a new flasher system.

In 2019, Staff proposes to upgrade the traffic signal at Grandview & Silvernail intersection. Work will include replacing unmaintainble undground conduit, wiring and replacing the detection system.

In addition to signal upgrades, this account also places $10,000 per year for traffic signal knock-down equipment replacement. This money covers hit-and-run knock downs, which do not have an insurance recovery.

Justification/ How does this Increase Service to Residents?

Upgrading traffic signals allows for the City to replace outdated traffic signal equipement, and other technologies in order to keep the signal system operating efficiently for both vehicle traffic and pedestrian traffic. For years 2018, 2019 and 2020, the 5 year budget is earmarked with $150,000, which is the average for a traffic signal upgrade and the $10,000 earmark for knock-down replacments.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0052-49110-00000	10-yr GO Debt		$ 185,000	$ 195,000	$ 150,000	$ 195,000	$ -	$ 725,000
		Total	$ 185,000	$ 195,000	$ 150,000	$ 195,000	$ -	$ 725,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0052-68290-00000	Grandview & Woodburn + Intercon		$ 175,000	$ -	$ -	$ -	$ -	$ 175,000
0410-0052-68290-00000	Grandview & Meadow + Intercon		$ -	$ 185,000	$ -	$ -	$ -	$ 185,000
0410-0052-68290-00000	Grandview & Madison St		$ -	$ -	$ 140,000	$ -	$ -	$ 140,000
0410-0052-68290-00000	Grandview & Silvernail		$ -	$ -	$ -	$ 185,000	$ -	$ 185,000
0410-0052-68290-00000	Knockdown Recovery		$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ -	$ 40,000
		Total	$ 185,000	$ 195,000	$ 150,000	$ 195,000	$ -	$ 725,000

Operational Impact/Other

Upgrading traffic signals that are out of date or unmaintainable will reduce maintenance calls and time spent on trouble shooting old equipment. For all the intersections listed in the upgrade, the underground conduits and wiring are damaged and cannot be repaired. Replacing the damaged and other outdated items will allow staff to better maintain and operate the signal into the future, and provide a progressively coordinated signal corridor that greatly benefits traffic flow. Updgrading the signal interconnect communication lines are vital to allow Engineering Staff to continuously update the signal timing patterns from our Public Works Office, and provide a better level of signal operations.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul Day
Department	Engineering
Type	Storm Water
Useful Life	75 years
Category	Flood Mitigation
Priority	
Total Project Cost	**$7,240,000**

Project #	
Project Name	City-wide Flood Mitigation and Improvements

Description

The City of Waukesha completed a Comprehensive Storm Water Management Plan (SWMP) in 2014. The Plan concentrated on 10 areas throughout the City that had been identified as areas of known flooding. The analysis developed a program of storm water system improvements consisting of 24 prioritized projects, with an estimated cost in excess of $41,000,000. The Program was adopted by the Common Council on 11/18/2014. Several factors determined the Project priority, but primarily the schedule has been developed to correspond with road reconstruction projects. A consultant has been hired to prepare final construction plans as well as develop the Engineers estimate of cost. There are many factors that will have an impact on the final cost , such as wetlands and storm water quality impacts.

2016

Currently, the Waukesha West Bypass Project is slated for 2016. It is necessary to include the Flood Mitigation Project as part of the proposed Bypass Road Reconstruction. The project will mitigate flooding along the Rolling Ridge drainage way, as well as the N. University - Darrell - Sandra & Patrick Ln. Area.

2017

E. Moreland Blvd Flood Mitigation Project Phase 2 - The project extends the large diameter storm sewer pipe, installed in 2015, from Manhattan Dr. to the Fox River. Phase 2 is scheduled to coincide with the E. Moreland Blvd Road Reconstruction Project.

2018 - 2020 There are several "High Priority" projects that will continue to move forward but are always subject to change. Summit Ave. (West of Grandview Blvd) Multi Year Project. - N. University Dr @ Rolling Ridge Dr. Multi Year Project. Cost Estimates will be developed as design proceeds. $1.5 million is placed as a "place holder". Note- In order to maintain a level of funding of approx. $1.5 million annually as directed by the Council, we have reduced our request for 2018 to zero.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0041-49110	10-yr GO Debt		$ 1,500,000	$ 2,740,000	$ -	$ 1,500,000	$ 1,500,000	$ 7,240,000
		Total	$ 1,500,000	$ 2,740,000	$ -	$ 1,500,000	$ 1,500,000	$ 7,240,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0041-68290	Construction - West Waukesha Bypass		$ 1,500,000	$ -	$ -	$ -	$ -	$ 1,500,000
0410-0041-68290	Design		$ -	$ 200,000	$ -	$ -	$ -	$ 200,000
0410-0041-68290	Construction - E Moreland Blvd. Phase 2		$ -	$ 2,540,000	$ -	$ -	$ -	$ 2,540,000
0410-0041-68290	Design		$ -	$ -	$ -	$ -	$ -	$ -
0410-0041-68290	Construction		$ -	$ -	$ -	$ -	$ -	$ -
0410-0041-68290	Design		$ -	$ -	$ -	$ 105,000	0	$ 105,000
0410-0041-68290	Construction N. University & Rolling Ridge		$ -	$ -	$ -	$ 1,395,000	0	$ 1,395,000
0410-0041-68290	Design		$ -	$ -	$ -	$ -	$ 105,000	$ 105,000
0410-0041-68290	Construction - Hospital Area		$ -	$ -	$ -	$ -	$ 1,395,000	$ 1,395,000
		Total	$ 1,500,000	$ 2,740,000	$ -	$ 1,500,000	$ 1,500,000	$ 7,240,000

Operational Impact/Other

Projects will create significant improvement to the health and safety of residents, as well as the traveling public. Flood mitigation improves overall operations by reducing property damage and debris management.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Construction / Reconstruction
Priority	1
Total Project Cost	**$3,153,000**

Project #	
Project Name	2016 West Waukesha Bypass

Description

This project includes the reconstruction and widening of Meadowbrook Road from Northview Road to 150' north of Rolling Ridge Drive. This section will be widened from the existing 2-lane undivided roadway to a divided 4-lane roadway. The traffic signals at the intersection of Rolling Ridge Drive will be replaced. With this project, the City plans to implement the recommendations from the City Wide Storm Water Management Plan that will help alleviate flooding in areas 1 and 2 (Rolling Ridge Drive & North University Drive). The City has currently contracted with Kapur & Associates for the design engineering services for this project. Sanitary Sewer and flood mitigation funds will be necessary for this project. The estimate also includes the installation of a sound-wall. The installation of the sound-wall will be determined during the design, with public outreach planned.

Justification/ How does this Increase Service to Residents?

The City of Waukesha's responsibilities with regard to taking the West Waukesha Bypass from the Environmental Impact Statement stage through final construction are outlined in the Memorandum of Understanding between the City, County and State Dated April 6, 2009. The City of Waukesha is responsible for funding, designing and constructing the West Waukesha Bypass from the northern limit of the Northview Road intersection to 150' north of Rolling Ridge Drive. The proposed West Waukesha Bypass, consists of a route extending from its southern limit, being the intersection of WIS 59 and County Highway X, northerly near and along the Pebble Creek area, across County Highway D (W. Sunset Drive), near and along sections of County HIghway TT (Merrill Hills Road), across WIS 18, and along County HIghway TT, across Northview Road, and along Meadowbrook Road, to its northern limit being the I-94 interchange with County HIghway TT/G/Meadowbrook Road.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2004-49110-00000	15-yr GO Debt		$ 3,153,000	$ -	$ -	$ -	$ -	$ 3,153,000
		Total	$ 3,153,000	$ -	$ -	$ -	$ -	$ 3,153,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2004-68290-00000	2016 West Waukesha Bypass		$ 3,153,000	$ -	$ -	$ -	$ -	$ 3,153,000
		Total	$ 3,153,000	$ -	$ -	$ -	$ -	$ 3,153,000

Operational Impact/Other

Following the construction of the Waukesha West Bypass, this section of Meadowbrook Road will no longer be under the jurisdiction of the City of Waukesha, and will be maintained by Waukesha County.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$3,420,000**

Project #	
Project Name	Summit Avenue and Delafield Street - Phase 2 Utility and Street Improvements

Description

This project includes the reconstruction of Summit Avenue from 300' east of Moreland Boulevard to Spring Street and Delafield Street from Spring Street to E. North Street. This project also includes the rehabilitation of Madison Street from E. North Street to the Fox River. The traffic signals at the intersections of Delafield Street and E. North Street will be replaced. Also, the storm sewer system will be improved in order to help alleviate the flooding in the area of Sylvan Terrace and Summit Avenue. The City is currently contracting with Ruekert & Mielke for the design engineering services for this project. The funding for reconstructing this segment of Summit Avenue and Delafield Street (WIS 18) is proposed to be from the $7,100,000 lump sum payment from the Wisconsin Department of Transportation for the reconstruction/improvements of 3 segments of WIS 18, between Greenmeadow and WIS 164(Wolf Road) that is explained in the approved Connecting Highway Change Agreement #256 and the State Highway Change and Jurisdictional Transfer Agreement #283 as amended. The 3 segments include the following: Summit Avenue / Delafield Street from Greenmeadow Drive to North Street, Moreland Boulevard from North Street to Manhattan Drive and Moreland Boulevard from Manhattan Drive to WIS 164. Sanitary sewer and flood mitigation funds will be necessary for this project.

Justification/ How does this Increase Service to Residents?

The reconstruction of Summit Avenue and Delafield Street allows the Engineering Department to update curb ramps to current ADA requirements, improve intersection movements, replace traffic signals, improve drainage issues, and construct a new pavement structure for the traveling public. During the road reconstruction, utilities such as sewer, water and gas take this opportunity to update their aging facilities. The infrastructure being replaced with this project is well beyond its useful life.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2005-42445	Jurisdictional Transfer Funds		$ 3,420,000	$ -	$ -	$ -	$ -	$ 3,420,000
		Total	$ 3,420,000	$ -	$ -	$ -	$ -	$ 3,420,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2005-68290	Summit Ave & Delafield St Improvements		$ 3,420,000	$ -	$ -	$ -	$ -	$ 3,420,000
		Total	$ 3,420,000	$ -	$ -	$ -	$ -	$ 3,420,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced. The exising traffic signals will be replaced with new infrastrucure that will require less maintenence. Also, sections of this roadway will be narrowed which will reduce the effort required by the Department of Public Works to plow snow.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	$743,000

Project #	
Project Name	Madison Street Structure Replacement

Description

This project involves replacement of the Madison Street structure over Pebble Creek, west of Merrill Hills Road. The structure is located 550' west of Fiddlers Creek Drive and 1160' east of Prairie Song Drive. The existing structure is a single-span slab, with a clear spane of approximatley 12'. Madison Street has been widened to an urban section (44' or 40' wide) east and west of the structure. The structure is located on a short stretch of 2-lane rural roadway (24' wide). The proposed improvements include the replacement of the existing structure, and reconstruction of Madison Street from the end of the existing urban sections east and west to the proposed structures. The City is currently soliciting bids for engineering and design services for this structure replacement project. Sanitary Sewer funds will be necessary for this project.

Justification/ How does this Increase Service to Residents?

The existing structure is functionally obsolete, and is suspected to be structurally deficient. The maintenance record is unknown prior to this section of Madison Street being annexed to the City of Waukesha. Since the time it was annexed, no maintenance has been done on the structure. The bridge has been recently posted with a 10-ton weight limit until the structure is replaced. It is necessary to replace this structure prior to the second phase of the Waukesha West Bypass Project that is scheduled for 2017.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0066-42790	Waukesha County Grant		$ 150,000	$ -	$ -	$ -	$ -	$ 150,000
0410-0066-46480	Subdivider Applied		$ 395,000	$ -	$ -	$ -	$ -	$ 395,000
0410-0066-49110	10-Yr GO Debt		$ 198,000	$ -	$ -	$ -	$ -	$ 198,000
		Total	$ 743,000	$ -	$ -	$ -	$ -	$ 743,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0066-68290	Madison Street Structure Replacement	$ 743,000	$ -	$ -	$ -	$ -	$ 743,000
	Total	$ 743,000	$ -	$ -	$ -	$ -	$ 743,000

Operational Impact/Other

With this project, Madison Street will be widened from the existing rural section to an urban section. This road widening will add pavement area for the Department of Public Works to plow. Less patching of potholes and other road maintenence will be required after the deteriorated pavement is replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien/Margaret Liedtke
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$355,525**

Project #	
Project Name	Projects with Federal and State Funding - CMAQ

Description

The Congestion Mitigation and Air Quality (CMAQ) Improvement Program encourages transportation alternatives that improve air quality such as public transit enhancements, bicycle/pedestrian facilities, ridesharing programs and facilities, and technologies that improve traffic flow and vehicle emissions. The funds are only available in the southeastern Wisconsin ozone, non-attainment and maintenance counties. The City has a CMAQ project for adding bicycle lane pavement markings on S. Grand Avenue from W. College Avenue to Rivera Drive.

Justification/ How does this Increase Service to Residents?

The approved CMAQ project - S. Grand Avenue Bike Lanes will increase safety for bicyclists and motorists using the corridor. Bike lanes for S. Grand Avenue are part of the City's Bicycle and Pedestrian Facilities Plan. CMAQ projects are a reimbursement project, where the City pays for all design and construction, and then submits for reimbursement for the capped Federal share (80%).

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0002-49110-00000	10-yr GO Debt	**	$ 10,820	$ -	$ 60,285	$ -	$ -	$ 71,105
0410-0002-42496-00000	WISDOT CMAQ Funding		$ 43,285	$ -	$ 241,135	$ -	$ -	$ 284,420
		Total	$ 54,105	$ -	$ 301,420	$ -	$ -	$ 355,525

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0002-68290-00000	CMAQ - S. Grand Avenue		$ 54,105	$ -	$ 301,420	$ -	$ -	$ 355,525
		Total	$ 54,105	$ -	$ 301,420	$ -	$ -	$ 355,525

NOTE: Only the 20% City portion will be shown in the Munis budget report

Operational Impact/Other

The intent of this project is to encourage the use of bikes as a mode of transporation, and to reduce the number of vehicles on Grand Avenue, which will result in longer pavement life. There will be some increase in maintenance, to periodically repair tape pavement markings.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Katie Jelacic
Department	Engineering
Type	Roofing
Useful Life	15 years
Category	Upgrade
Priority	1
Total Project Cost	**$265,000**

Project #	
Project Name	City Hall Roof Replacement

Description

The City Hall Roof needs to be replaced. The roof has had several repairs completed over the past several years to address ongoing leak issues. The issues are primarily related to poor flashing details along the perimeter, and along the walls to the upper elevation. The roof is well past its useful life. A Thermal Scan was conducted in 2015 which shows that the insulation has an average of 50% moisture on the roof. Complete replacement would cost $375,000 to $420,000. The most econcomic approach is to remove the roof on the lower level, and let the insulation dry, and then replace what is needed. Then we would add a metal-pitched roof that matches the upper level. Subsequently, the Upper Elevation should be restored. If this is completed in 2016, then it will extend the life of the roof 40-50 years.

Justification/ How does this Increase Service to Residents?

If the work that is proposed in the 2016 budget is not completed in 2016, then each year the risk of losing the insulation increases. The complete replacement would cost $375,000 to $420,000.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-1815-49110	10-yr GO Debt		$ -	$ 265,000	$ -	$ -	$ -	$ 265,000
		Total	$ -	$ 265,000	$ -	$ -	$ -	$ 265,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-1815-68220	Roof Replacement		$ -	$ 265,000	$ -	$ -	$ -	$ 265,000
		Total	$ -	$ 265,000	$ -	$ -	$ -	$ 265,000

Operational Impact/Other

Operational impacts will be positive. This replacement will extend the useful life of the roofing system, thus extending the life of the facility.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$1,820,000**

Project #	
Project Name	E. Sunset Drive Utility and Street Improvements

Description

This project includes the reconstruction of E. Sunset Drive from 230' west of Sunset View to Les Paul Parkway (STH 59/164), to continue the roadway improvements being completed by, and adjacent to the Meijer Store development near E. Sunset Drive & Tenny Avenue. The improvements being completed by Meijer from the Tenny Avenue intersection to 230' west of Sunset View are scheduled to be completed late summer and fall of 2015. In conjunction with the 2016 City project on E. Sunset Drive, the Wisconsin Department of Transportation will be funding improvements on the 3 other legs of the E. Sunset Drive & Les Paul Parkway (STH 59/164) intersection. The City is currently contracting with Ayres Associates for the design engineering services for this project. Sanitary Sewer funds will be necessary for this project.

Justification/ How does this Increase Service to Residents?

This section of E. Sunset Drive exists as a 2-lane roadway, and will be widened to a 4-lane divided roadway because the expected traffic volumes will exceed the capacity of 2 lanes. The reconstruction and widening of this section of E. Sunset Drive will provide a safer corridor for the traveling public. During the road reconstruction, utilities such as sewer, water and gas take this opportunity to update their facilities.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2004-48410	Donation - Smart Contribution		$ 700,000	$ -	$ -	$ -	$ -	$ 700,000
0410-2004-49110	10-yr GO Debt		$ 720,000	$ -	$ -	$ -	$ -	$ 720,000
0472-3922-49110	10-yr GO Debt - TIF 22		$ 400,000	$ -	$ -	$ -	$ -	$ 400,000
		Total	$ 1,820,000	$ -	$ -	$ -	$ -	$ 1,820,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2004-68290	E. Sunset Drive Improvements		$ 1,420,000	$ -	$ -	$ -	$ -	$ 1,420,000
0472-3922-68290	E. Sunset Drive Improvements		$ 400,000	$ -	$ -	$ -	$ -	$ 400,000
		Total	$ 1,820,000	$ -	$ -	$ -	$ -	$ 1,820,000

Operational Impact/Other

With this project, the roadway will be widened from the existing 2-lane road, to a proposed 4-lane road. This road widening will add pavement area for the Department of Public Works to plow.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Katie Jelacic
Department	Engineering
Type	Buildings
Useful Life	15 years
Category	Upgrade
Priority	1
Total Project Cost	**$500,000**

Project #	
Project Name	HVAC Equipment and Control Upgrade at City Hall

Description

The existing HVAC control software is no longer supported. A new control system needs to be nonproprietary, so any vendor can service the control system. Much of our existing equipment is so old it could not be updated with digital/wireless controls, therefore it would have to be replaced. 4 air handling units as well as the chiller would have to be replaced. All the current VAV boxes would have to be replaced and reconfigured. Note: This estimate does not assume any cost for asbestos work. This cost would have to be estimated after final plans were completed.

Justification/ How does this Increase Service to Residents?

The current controls do not allow for the efficient scheduling of the individual zones for the HVAC system. If they were updated, the entire system would become more efficient. The budget for electric and gas for City Hall is approximately $120,000. If the system was upgraded, this annual usage would be reduced by the estimated industry standard of a minimum of 10-15%.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-1815-49110	10-yr GO Debt		$ -	$ 500,000	$ -	$ -	$ -	$ 500,000
		Total	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-1815-68220	HVAC Equipment and Control Upgrade at City Hall		$ -	$ 500,000	$ -	$ -	$ -	$ 500,000
		Total	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

Operational Impact/Other

Not only would the employees be more comfortable, the efficiency of the building would increase, to the extent the building would allow. The windows on the building are original and not efficient, therefore upgrading the system would be very beneficial, but would be more beneficial if the building envelope was more efficient.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Katie Jelacic
Department	Engineering
Type	Roofing
Useful Life	15 years
Category	Upgrade
Priority	1
Total Project Cost	**$45,000**

Project #	
Project Name	Municipal Garage Roof Repair and Replacement

Description

The Municipal Garage Roof Repair and Replacement is the last phase of a multiyear replacement project. This is phase 5 and would include areas A,B and D. After proper preparation, a base coat of elastomeric coating would be applied to all seams, drains, and penetrations. After this work is complete, the entire roof system for A, B and D would have a top coat of elastomeric coating applied. This would extend the life of the roof approximately 15 years and a new 10 year roof system warranty would be issued to the City of Waukesha.

Justification/ How does this Increase Service to Residents?

Roof systems are critical to the useful life cycle of a building facility. Repairs must be made to protect the insulation in a built-up roofing system. The repair/replacement of these particular areas of this roof system would extend the useful life of the roof and the building facility. After these areas are repaired/replaced, this multiyear project will be complete.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-3124-49110	10-yr GO Debt		$ 45,000	$ -	$ -	$ -	$ -	$ 45,000
		Total	$ 45,000	$ -	$ -	$ -	$ -	$ 45,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-3124-68220	Municipal Garage Roof Repair and Replacement		$ 45,000	$ -	$ -	$ -	$ -	$ 45,000
		Total	$ 45,000	$ -	$ -	$ -	$ -	$ 45,000

Operational Impact/Other

Operational impacts will be positive. This replacement will extend the useful life of the roofing system, thus extending the life of the facility.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien/Margaret Liedtke
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$708,430**

Project #	
Project Name	Projects with Federal and State Funding - HSIP

Description

The Highway Safety Improvement Program (HSIP) funds highway safety projects at sites that have experienced a high crash history. Emphasis is on low-cost options that can be implemented quickly. The City has an approved project for a traffic signal upgrade at the intersection of N. Grandview Blvd. and Northview Road. Design and construction are planned for 2017 and 2018.

Justification/ How does this Increase Service to Residents?

The HSIP project - N. Grandview Blvd. and Northview Road will improve safety to the intersection users. This intersection has one of the City's highest accident rates. Intersection improvements will include upgrading traffic signals, lengthening turning lanes, evaluating the signal timings and minor road repairs that will include updating curb ramps to current ADA requirements. HSIP projects have a cost share that is 90% Federal funding, and 10% City.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0002-49110-00000	10-yr GO Debt		$ 20,000	$ 61,000	$ -	$ -	$ -	$ 81,000
0410-0002-42340-00000	WISDOT HSIP Funding		$ 83,430	$ 544,000	$ -	$ -	$ -	$ 627,430
		Total	$ 103,430	$ 605,000	$ -	$ -	$ -	$ 708,430

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0002-68290-00000	HSIP - Grandview & Northview		$ 103,430	$ 605,000	$ -	$ -	$ -	$ 708,430
		Total	$ 103,430	$ 605,000	$ -	$ -	$ -	$ 708,430

Operational Impact/Other

Without this project, the intersection will continue to be a source of accidents. Accidents not only slow down the traveling public, but use valuable City resources such as: Police, Fire & DPW crews, and cause damage to equipment.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$180,000**

Project #	
Project Name	Residential Paving

Description

This project involves completing the construction of Big Bend Road from Rivera Drive to 425' North. The road exists with an urban section on the west side and a rural section on the east side. With the planned development on the east side of Big Bend Road, the City is responsible for completing the construction of Big Bend Road to a complete urban section.

Justification/ How does this Increase Service to Residents?

This project includes widening Big Bend Road to the east and converting it from a rural, to an urban section. New concrete curb and gutter and sidewalks will be placed on the east side. Following the construction on the east side, the entire width of the road will have the final pavement surface placed.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0001-49110-00000	10-yr GO Debt		$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
		Total	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0001-68290-00000	Big Bend Road Construction		$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
		Total	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000

Operational Impact/Other

Less patching of potholes, maintenance of ditches and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Alex Damien
Department	Engineering
Type	Road
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$2,750,000**

Project #	
Project Name	2017 E. Moreland Boulevard Utility and Street Improvements

Description

This project includes the reconstruction of E. Moreland Boulevard from the Fox River Bridge to 300' west of Manhattan Drive. The traffic signals at the intersection of E. Moreland Boulevard / Whiterock Avenue / Eales Street will be replaced. Also, the storm sewer system will be improved in order to help alleviate the flooding in the area of E. Moreland Boulevard between Wolf Road and Jennifer Lane and the subdivision area north of E. Moreland Boulevard . The City is currently contracting with GRAEF for the design engineering services for this reconstruction project. The funding for reconstructing this segment of E. Moreland Boulevard (WIS 18) is proposed to be from the $7,100,000 lump sum payment from the Wisconsin Department of Transportation for the reconstruction/improvements of 3 segments of WIS 18 between Greenmeadow and WIS 164(Wolf Road), that is explained in the approved Connecting Highway Change Agreement #256 and the State Highway Change and Jurisdictional Transfer Agreement #283 as amended. The 3 segments include the following: Summit Avenue / Delafield Street from Greenmeadow Drive to North Street, Moreland Boulevard from North Street to Manhattan Drive and Moreland Boulevard from Manhattan Drive to WIS 164. Sanitary sewer and flood mitigation funds will be necessary for this project.

Justification/ How does this Increase Service to Residents?

The reconstruction of E. Moreland Boulevard allows the Engineering Department to update curb ramps to current ADA requirements, improve intersection movements, replace traffic signals, improve drainage issues, and construct a new pavement structure for the traveling public. During the road reconstruction utilities such as sewer, water and gas take this opportunity to update their aging facilities. The infrastructure being replaced with this project is well beyond its useful life.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2005-42445-00000	Jurisdictional Transfer Funds	$ -	$ 2,060,000	$ -	$ -	$ -	$ 2,060,000
0410-2004-49110-00000	10-yr GO Debt	$ -	$ 690,000	$ -	$ -	$ -	$ 690,000
	Total	$ -	$ 2,750,000	$ -	$ -	$ -	$ 2,750,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-2005-68290-00000	Moreland Boulevard Improvements	$ -	$ 2,060,000	$ -	$ -	$ -	$ 2,060,000
0410-2004-68290-00000	Moreland Boulevard Improvements	$ -	$ 690,000	$ -	$ -	$ -	$ 690,000
	Total	$ -	$ 2,750,000	$ -	$ -	$ -	$ 2,750,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required after the deteriorated pavement is replaced. The exising traffic signals will be replaced with new infrastrucure that will require less maintenence.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Michael Grulke
Department	Engineering
Type	Road
Useful Life	25 Years
Category	New Traffic Signal
Priority	1
Total Project Cost	**$175,000**

Project #	
Project Name	New Traffic Signal Construction

Description

The City of Waukesha owns and maintains 65 traffic signals. Generally, each year, the City replaces a traffic signal with all new construction or adds a traffic signal where one does not exist currently. A traffic signal is constructed only if a traffic study is done to warrant its installation. In 2017, there is one new traffic signal proposed at **Abbott Drive & Kossow Road.** The traffic signal at Abbott Drive & Kossow Road is being installed in conjunction with the WISDOT Resurfacing Project on E. Morland Blvd. The State / Municipal Agreement indicates that the City will pay for the traffic signal equipment.

Justification/ How does this Increase Service to Residents?

The installation of new traffic signals benfits the public by providing a safe and efficient way to keep traffic flowing, and allow for pedestrians to cross streets. Generally, the City installs a new traffic signal or replaces an old unmaintainable signal, with a new one each year. Howver, in 2016, no new signals are proposed.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0050-49110-00000	10-yr GO Debt		$ -	$ 175,000	$ -	$ -	$ -	$ 175,000
		Total	$ -	$ 175,000	$ -	$ -	$ -	$ 175,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0050-68290-00000	Abbott Drive & Kossow Road		$ -	$ 175,000	$ -	$ -	$ -	$ 175,000
		Total	$ -	$ 175,000	$ -	$ -	$ -	$ 175,000

Operational Impact/Other

The City maintains all traffic signals under its jurisdiction. Addition of one more traffic signal will require minimal increase in maintenance effort or expenditure of maintenance funds.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul Day
Department	Engineering
Type	Storm Water
Useful Life	75 years
Category	Flood Mitigation
Priority	
Total Project Cost	**$35,000**

Project #	
Project Name	NR 216 Storm Water Discharge Permit Compliance

Description

Funding is needed to maintain compliance with the mandates of our storm water discharge permit. As an example:
- Inspecting and tracking our storm water outfalls for Illicit Discharges
- Maintain our street sweeping program, leaf and brush collection and maintainance of our DPW yards
- Provide an Information and Education Program for the General Public and staff
-Inspect and maintain Water Quality Storm Water Management Facilities

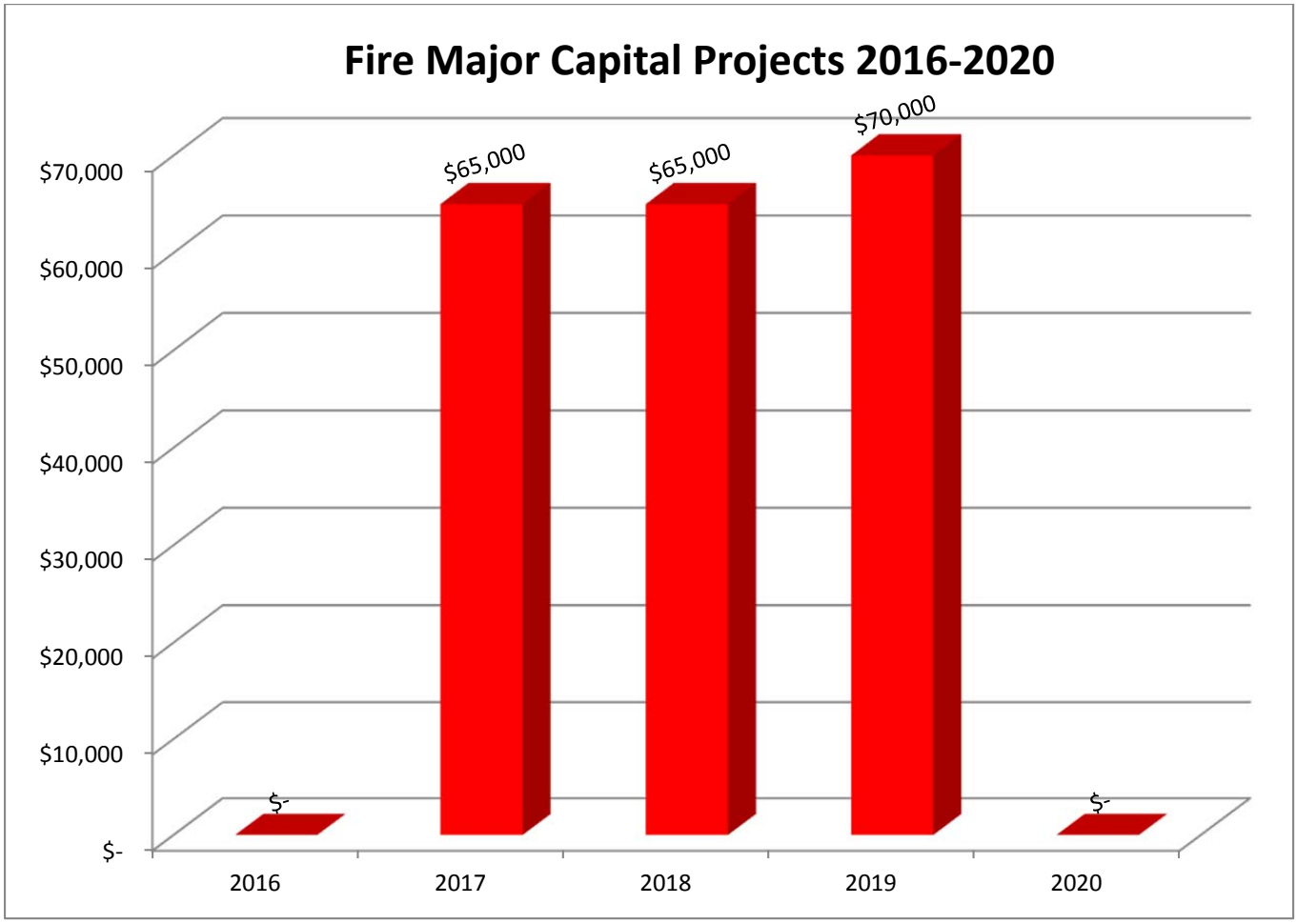
Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0043-49220	Transfer from Special Rev.		$ 35,000	$ -	$ -	$ -	$ -	$ 35,000
		Total	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0410-0043-68290	Other Capital Improvements		$ 35,000	$ -	$ -	$ -	$ -	$ 35,000
		Total	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000

Operational Impact/Other

Projects will create significant improvement to the health of our lakes, streams and wetlands, and therefore improve the quality of life for Waukesha residents.

Projects by Department – Fire Department



Fire Department Capital Projects 2016-2020

	2016	2017	2018	2019	2020	2016-2020
Training Center Repairs	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
Station #1 Carpet and Painting	-	-	35,000	-	-	35,000
Station #1 Roof and Masonry Joint Replacement	-	15,000	15,000	70,000	-	100,000
Station #4 Window and Door Replacement	-	30,000	-	-	-	30,000
Station #4 Paving	-	-	15,000	-	-	15,000
Fire Total	**$ -**	**$ 65,000**	**$ 65,000**	**$ 70,000**	**$ -**	**$ 200,000**

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Steve Howard
Dept. Contact	Steve Howard
Department	Fire Department
Type	Building
Useful Life	15 years
Category	Building
Priority	1
Total Project Cost	**$20,000**

Project #	
Project Name	Training/Recycling Center Repairs

Description

The Fire Department and Department of Public Works has been sharing the former incinerator building as a training site for the fire department and a recycling center and storage site for public works. The facility has been maintained using operating budgets and occasional capital improvements. In 2017, we are anticipating the need to expend funds to make repairs to doors, windows, and maintain the serviceability of the building. Additionally, funding would be used to develop a long term plan for the facility and to determine if sections of the building should be razed.

Justification/ How does this Increase Service to Residents?

An infrastructure maintenance project will ensure the serviceability of the building and fulfill the needs of multiple City departments by supporting training, hazardous materials recycling and storage.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 yr GO Debt		$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
		Total	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68220	Building Study		$ -	$ 2,000				$ 2,000
0420-2242-68220	Materials		$ -	$ 18,000				$ 18,000
		Total	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000

Operational Impact/Other

Failure to perform needed maintenance and updates to the building will lead to higher costs in repairs in the future.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Steve Howard
Dept. Contact	Steve Howard
Department	Fire Department
Type	Building
Useful Life	10 - 15 years
Category	Building
Priority	1
Total Project Cost	**$35,000**

Project #	
Project Name	Station #1 Carpet and Painting

Description

The Department anticipates in 2018, that it will be necessary to implement an updating and replacement program at Fire Station #1, which at that time will be 11 - 12 years old. Carpet replacement will take place in needed areas throughout the building, and painting and other preventive maintenance on the interior/exterior of the building will be scheduled.

Justification/ How does this Increase Service to Residents?

This project will assist in maintaining the infrastructure of Fire Station #1, which will extend the service life of the building and prevent costly emergency repairs.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 yr GO Debt		$ -	$ -	$ 35,000	$ -	$ -	$ 35,000
		Total	$ -	$ -	$ 35,000	$ -	$ -	$ 35,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68220	Carpet		$ -	$ -	$ 25,000	$ -	$ -	$ 25,000
0420-2242-68220	Painting		$ -	$ -	$ 10,000	$ -	$ -	$ 10,000
		Total	$ -	$ -	$ 35,000	$ -	$ -	$ 35,000

Operational Impact/Other

Failure to perform needed maintenance and updates to the building can lead to higher costs in repairs in the future.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Steve Howard
Dept. Contact	Steve Howard
Department	Fire Department
Type	Building
Useful Life	15 years
Category	Building
Priority	1
Total Project Cost	**$100,000**

Project #	
Project Name	Station #1 Roof & Masonry Joint Replacement

Description

The Fire Department and Engineering Department have consulted with the Garland Company to develop a five-year plan regarding the roof at Fire Station #1, and maintenance of the building's brick masonry. The plan identifies that the Department will need to increase its operational budget to reflect a $2000 routine maintenance expenditure for maintenance on the roof in 2016 and 2017. Beginning in 2018, will be a two phase masonry vertical joint and sealant replacement project. In 2020, a large expense will need to be budgeted to restore and extend the useful life of the roofing system. This expenditure is estimated to cost between $50000 and $75000 and will extend the usefule life of the roof by 15 years. This item is being entered as a placeholder and will be evaluated on an ongoing basis.

Justification/ How does this Increase Service to Residents?

This project will provide the funds to maintain the infrastructure of Fire Station #1, and avoid costly repairs due to water damage in the future. City staff has worked closely with outside vendors to develop a comprehensive plan to maintain the station's roofing system and the masonry exterior of the building.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 yr GO Debt	$ -	$ 15,000	$ 15,000	$ 70,000	$ -	$ 100,000
	Total	$ -	$ 15,000	$ 15,000	$ 70,000	$ -	$ 100,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68220	Roof Work	$ -	$ -	$ -	$ 70,000	$ -	$ 70,000
0420-2242-68220	Masonry Work	$ -	$ 15,000	$ 15,000	$ -	$ -	$ 30,000
	Total	$ -	$ 15,000	$ 15,000	$ 70,000	$ -	$ 100,000

Operational Impact/Other

Failure to perform needed maintenance and updates to the building will lead to higher costs in repairs in the future.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Steve Howard
Dept. Contact	Steve Howard
Department	Fire Department
Type	Building
Useful Life	20 years
Category	Building
Priority	1
Total Project Cost	**$30,000**

Project #	
Project Name	Station #4 Window and Door Replacement

Description

Fire Station #4 was constructed in 1981, and several of the doors and all of the windows are original to the building. Many of the windows have become unserviceable and are not energey efficient. In 2017. the Department will be requesting funds to replace all windows and doors to maintain the infrastructure and to increase energy efficiency. In 2016, a detailed project estimate will be developed and will include an energey savins projection. Adding additional attic insulation will also be evaluated. The project will include the replacement of 21 windows, a patio door, and two service doors.

Justification/ How does this Increase Service to Residents?

Funding this project will allow the City to maintain its infrastructure, ensure security, and increase energy efficiency.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 yr GO Debt	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000
	Total	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68220	Doors & Windows	$ -	$ 23,000	$ -	$ -	$ -	$ 23,000
0420-2242-68220	Installation	$ -	$ 7,000	$ -	$ -	$ -	$ 7,000
	Total	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000

Operational Impact/Other

Failure to perform needed maintenance and updates to the building will lead to higher costs in repairs in the future.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Steve Howard
Dept. Contact	Steve Howard
Department	Fire Department
Type	Other Capital
Useful Life	20 years
Category	Building
Priority	1
Total Project Cost	**$15,000**

Project #	
Project Name	Station #4 Paving

Description

The Fire Dpeartment, with the assistance of the Public Works Department, have been monitoring the condition of the pavement in front of Fire Station #4. It is anticipated that in 2018, the concrete ramp in front of the apparatus bay overhead doors may been to be redone. This item is being entered as a placeholder. At this time, it is anticipated that if the work is conducted, it will be completed by DPW crews. Funds budgeted for this project will be used for material costs.

Justification/ How does this Increase Service to Residents?

The funding of this project will allow the Department to maintain the infrastructure for Fire Station #4.

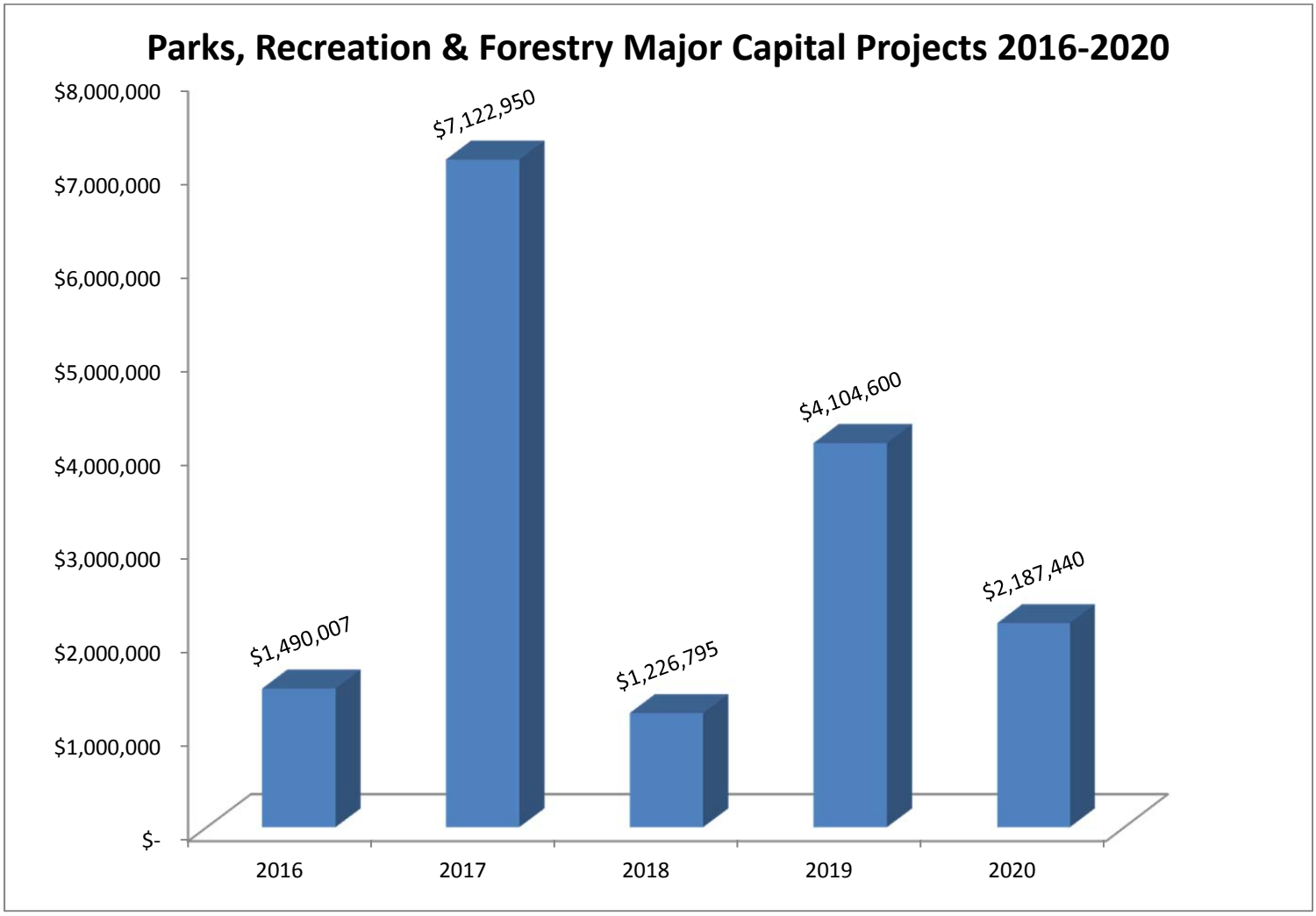
Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 yr GO Debt	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000
	Total	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	Paving	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000
	Total	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000

Operational Impact/Other

Failure to perform needed maintenance and updates to the building will lead to higher costs in repairs in the future.

Projects by Department – Parks Recreation and Forestry



Parks Recreation and Forestry Capital Projects 2016-2020

	2016	2017	2018	2019	2020	2016-2020
Playground Equipment and Surface Replacement	$ 140,000	$ 390,000	$ 200,000	$ 130,000	$ 130,000	$ 990,000
Park Furnishings	51,760	17,600	24,160	19,600	17,600	130,720
Schuetze Rec. Center Improvements	53,500	30,000	-	30,000	50,000	163,500
Parking Lot Improvements	50,000	140,000	50,000	50,000	50,000	340,000
Park Lighting	63,000	63,000	36,000	-	-	162,000
Athletic Facility Improvements	562,702	270,000	340,000	-	-	1,172,702
Tennis Court Maintenance	138,000	88,000	45,000	-	-	271,000
Park Fencing	175,675	176,150	122,135	-	-	473,960
Riverwalk Improvements	124,500	-	109,500	-	109,500	343,500
Park Improvements	-	50,000	300,000	-	-	350,000
Woodfield Dam Reconstruction	-	355,000	-	-	-	355,000
EB Shurts Building Improvements	15,510	-	-	-	-	15,510
Fox River Connector (Bike/Ped. Improve.)	72,000	-	-	-	-	72,000
Park Shelter Improvements	43,360	43,200	-	-	-	86,560
Buchner Aquatic Center & Improvements	-	5,500,000	-	-	-	5,500,000
Southern Regional Maintenance Center	-	-	-	-	1,830,340	1,830,340
New Park Development (Mindiola)	-	-	-	3,875,000	-	3,875,000
Parks Rec. & Forestry Total	**$ 1,490,007**	**$ 7,122,950**	**$ 1,226,795**	**$ 4,104,600**	**$ 2,187,440**	**$ 16,131,792**

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Keith Johnson
Department	PRF
Type	Facility
Useful Life	20 years
Category	Replacement
Priority	1
Total Project Cost	**$990,000**

Project #	
Project Name	Playground Improvements / Surfacing

Description

Both proposed playground improvement sites date back to the mid-1990's since last equipment installations.
Pebble Valley: Replace playground equipment and surfacing as well as reconstruct basketball court area.
Sentinel: Replace playground equipment and surfacing. Both facilities currently have aged and worn equipment needs as well as grading issues that need to be addressed.

Justification/ How does this Increase Service to Residents?

Both playgrounds represent some of the oldest equipment in the park system. The surfacing and subsurface is damaged due to water and poor drainage. The equipment and installed amenities are showing significant wear and tear due to use and age of the equipment. Both playgrounds are popular neighborhood destinations, accommodating summer playground programs and activities. Furthermore, it should be noted that Sentinel Park serves in a Neighborhood Revitalization Area.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5524-49110	10-yr GO Debt		$ -	$ 365,000	$ 200,000	$ 130,000	$ 130,000	$ 825,000
0420-5524-41110	Tax Levy		$ 140,000					$ 140,000
0420-5524-42580	CDBG		$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
		Total	$ 140,000	$ 390,000	$ 200,000	$ 130,000	$ 130,000	$ 990,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5524-68290	Pebble Valley		$ 140,000	$ -	$ -	$ -	$ -	$ 140,000
0420-5524-68290	Sentinel		$ -	$ 120,000	$ -	$ -	$ -	$ 120,000
0420-5524-68290	Grandview		$ -	$ 135,000	$ -	$ -	$ -	$ 135,000
0420-5524-68290	Dopp		$ -	$ 135,000	$ -	$ -	$ -	$ 135,000
0420-5524-68290	Moreland (Frame)		$ -	$ -	$ 200,000	$ -	$ -	$ 200,000
0420-5524-68290	Playground A		$ -	$ -	$ -	$ 130,000	$ -	$ 130,000
0420-5524-68290	Playground B		$ -	$ -	$ -	$ -	$ 130,000	$ 130,000
		Total	$ 140,000	$ 390,000	$ 200,000	$ 130,000	$ 130,000	**$ 990,000**

Operational Impact/Other

Most of this work would be done in cooperation with DPW and PRF work crews in regard to site prep. Both playground installs would be "Community Build Projects" saving tax dollars, and establishing neighborhood relationships to support and help monitor park activities.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Keith Johnson
Department	PRF
Type	Facility
Useful Life	15-25 years
Category	Repair/Replacement
Priority	1
Total Project Cost	**$130,720**

Project #	
Project Name	Park Furnishing

Description

The proposed park furnishings (bleachers, picnic tables, benches, and trash receptacles) require periodic replacement in order to maintain park maintenance standards.

Justification/ How does this Increase Service to Residents?

The proposed park furnishings would help address needed replacements in the park system. In regard to Banting and Buchner Parks, the bleachers are old and in need of replacement to best address current standards. The addition of picnic tables will assist in meeting growing resident park shelter rental demands. Additionally, a significant number of park benches and trash receptacles are in need of replacement and will generally improve park functionality and appearance.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5555-41110	Tax Levy		$ 51,760	$ 17,600	$ 24,160	$ 19,600	$ 17,600	$ 130,720
		Total	$ 51,760	$ 17,600	$ 24,160	$ 19,600	$ 17,600	$ 130,720

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5555-68290	Bleachers (5)		$ 24,160	$ -	$ 24,160	$ -	$ -	$ 48,320
0420-5555-68290	Picnic Tables (10)		$ 8,000	$ 8,000	$ -	$ -	$ 8,000	$ 24,000
0420-5555-68290	Benches (12)		$ 9,600	$ 9,600	$ -	$ 9,600	$ 9,600	$ 38,400
0420-5555-68290	Trash Receptacles (10)		$ 10,000	$ -	$ -	$ 10,000	$ -	$ 20,000
		Total	$ 51,760	$ 17,600	$ 24,160	$ 19,600	$ 17,600	$ 130,720

Operational Impact/Other

A replacement program of essential park furnishings (benches, picnic tables, trash receptacles, etc.) is necessary in order to maintain quality park/recreation areas and facilities that are desirable for public use. A negative impact on revenue and use is the typical result, if these essential park furnishings are not replaced periodically. Operationally, the new aluminum bleachers require little annual maintenance, hold up to the weather, and are designed to meet or exceed current IBC standards.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Kristin Serpe
Department	PRF
Type	Facility
Useful Life	20-30 years
Category	Replacement
Priority	1
Total Project Cost	**$163,500**

Project #	
Project Name	Schuetze Recreation Center Improvements

Description

In 2016, we are proposing replacement of both the Activity Room windows, with blinds in between the double panes, and the HVAC system (this includes removal and replacement). This work would include all connections, ductwork, permits, disposal of old unit, start up and settings adjustments.
In future years, a deck is planned to be built outside of the Activity Room in 2019, and a building-wide sound system is scheduled for installation in 2020.

Justification/ How does this Increase Service to Residents?

The current HVAC unit breaks down frequently, the air conditioning in the summer and the heat in the winter. This can make it very uncomfortable for rental users and recreation program participants. In regard to window replacement, they are original to the building and not energy efficient. The new windows will help retain temperatures, using less heat in the winter and less air conditioning in the summer. The "built in blinds" will virtually eliminate damage and potential risk of injury experienced with traditional exposed blinds (hanging cords/blinds).

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5523-41110	Tax Levy	$ 53,500	$ 30,000	$ -	$ 15,000	$ 35,000	$ 133,500
0420-5523-48410	Donations	$ -	$ -	$ -	$ 15,000	$ -	$ 15,000
0420-5523-49220	Transfer from Special Rev	$ -	$ -	$ -	$ -	$ 15,000	$ 15,000
	Total	$ 53,500	$ 30,000	$ -	$ 30,000	$ 50,000	$ 163,500

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5523-68290	HVAC	$ 13,500	$ -	$ -	$ -	$ -	$ 13,500
0420-5523-68290	Windows	$ 40,000	$ 30,000	$ -	$ -	$ -	$ 70,000
0420-5523-68190	Deck	$ -	$ -	$ -	$ 30,000	$ -	$ 30,000
0420-5523-68190	Sound System	$ -	$ -	$ -	$ -	$ 50,000	$ 50,000
	Total	$ 53,500	$ 30,000	$ -	$ 30,000	$ 50,000	$ 163,500

Operational Impact/Other

The proposed replacement to an energy efficient HVAC system and double pane insulated windows would promote utility savings. In addition, the improvements would reduce the level of repairs currently experienced (replacement of blinds, service calls, overtime, etc.)

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	20-30 years
Category	New Construction/Reconstruction
Priority	1
Total Project Cost	**$340,000**

Project #	
Project Name	Parking Lot Improvements

Description

The Federal Lands to Parks Program is requiring that mandated improvements are made in 2016 (public access). A master plan is currently being developed for the site. It includes construction of an access road and parking lot for the property, including removal of existing deteriorated pavement and restoration. In regard to budget years 2017+, additional parking lot projects will be identified as part of a comprehensive, ongoing parking lot maintenance program.

Justification/ How does this Increase Service to Residents?

Currently there is no formal public access to the interior of the Missile Park site. Improving the existing deteriorated roadway and parking lot would accommodate the public and address Federal Lands to Parks Program requirements concerning public access.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5542-49110	10-yr GO Debt	$ 50,000	$ 110,668	$ 50,000	$ 50,000	$ 50,000	$ 310,668
0420-5569-46480	Impact Fees - Pre - Fund 420	$ -	$ 6,231	$ -	$ -	$ -	$ 6,231
0420-5569-49220	Impact Fees - Post - Fund 240	$ -	$ 23,101	$ -	$ -	$ -	$ 23,101
	Total	$ 50,000	$ 140,000	$ 50,000	$ 50,000	$ 50,000	$ 340,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5542-68290	Missile	$ -	$ 140,000	$ -	$ -	$ -	$ 140,000
0420-5542-68290	Additional Lots	$ 50,000	$ -	$ 50,000	$ 50,000	$ 50,000	$ 200,000
	Total	$ 50,000	$ 140,000	$ 50,000	$ 50,000	$ 50,000	$ 340,000

Operational Impact/Other

The proposed Missile Park improvements will not only provide public access, but will also enable staff to continue to use this strategic location for storage and yarding operations (primarily wood chips and other tree material, etc.).
The Parking Lot Maintenance Program would systematically identify needed improvements associated with the following park parking lots:
Banting, Prairie, Saratoga (2), Mindiola (3), Frame (4), Grandview, Hillcrest (2), Horeb Springs (2), Lowell, Youth Complex, Rivers Crossing, Waukesha Springs, Woodfield (2), WPRF Department (3 lots plus paved yard), and EB Shurts.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	30-40 years
Category	Replacement
Priority	1
Total Project Cost	**$162,000**

Project #	
Project Name	Park Lighting

Description

The majority of the lighting fixtures in the parks date back to the 1960's. The outdated equipment is difficult and expensive to repair. Replacement of lights in several parks with new LED lighting will ensure a greater light coverage in areas that need it. Future years reflect continuing these replacements, as a comprehensive plan is developed. It is our goal to match up with the new and downtown street lighting fixtures.

Justification/ How does this Increase Service to Residents?

Our residents use the pathways, playgrounds, skate park, shelters, tennis courts and other facilities in our parks well after dusk. Brighter, more reliable lighting will ensure our residents can enjoy the parks after dusk, and do so safely. The police officers appreciate the parks being well lit as they are easier to patrol and deter crime as well.
Current cost is approximately: $3,000 per light pole. Bethesda (15), Horeb (9), Cutler (5), Veterans (1)

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5572-49110	10-yr GO Debt		$ 63,000	$ 63,000	$ 36,000	$ -	$ -	$ 162,000
		Total	$ 63,000	$ 63,000	$ 36,000	$ -	$ -	$ 162,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5572-68290	Bethesda	$ 45,000	$ -	$ -	$ -	$ -	$ 45,000
0420-5572-68290	Horeb	$ -	$ 27,000	$ -	$ -	$ -	$ 27,000
0420-5572-68290	Cutler	$ 15,000	$ -	$ -	$ -	$ -	$ 15,000
0420-5572-68290	Veteran's	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
0420-5572-68290	Heyer	$ -	$ 36,000	$ -	$ -	$ -	$ 36,000
0420-5521-68290	WRO Youth Sports Complex	$ -	$ -	$ 36,000	$ -	$ -	$ 36,000
	Total	$ 63,000	$ 63,000	$ 36,000	$ -	$ -	$ 162,000

Operational Impact/Other

The current light systems are outdated, thus difficult, time-consuming and expensive to repair. New light fixtures will be considerably more energy efficient (up to 50%) as we switch to LED, positively impacting the budget on both labor and replacements costs.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	50 years
Category	Replacement
Priority	1
Total Project Cost	**$1,172,702**

Project #	
Project Name	Athletic Facility Improvements

Description

Saratoga Complex (4 fields): Replace lighting system that dates back to the 1980's. The poles/bases, ballasts, fixtures and electrical line conduit are antiquated, difficult to maintain and not energy efficient. In the past few years, we have experienced a growing number of failures and interruptions in game play creating customer complaints. In addition, we are finding it increasingly difficult to find replacement parts that are compatible.
Mindiola North: Proposed for 2017, is the development of 7 youth-sized, quality soccer fields, and construction of an asphalt pathway system on the north side of Mindiola Park (north of Hoover Ave.) expanding upon the existing 5 fields located on the south side of the park. Project costs include design and permit fees (WI DNR), erosion control, and rough and finish grading, seeding, asphalt pathways and storage shed construction. A considerable amount of fill is anticipated to bring fields up to proper grade.
WRO Improvements: Proposed for 2018, is the development of a Park Shelter/Restroom and Concessions Facility, two basketball courts and installation of an irrigation system for the multi-purpose field (football/lacrosse/soccer).

Justification/ How does this Increase Service to Residents?

Saratoga Complex: The lighting will provide a brighter and more uniform coverage than what currently exists. The spill light and glare will be reduced by 50%, so that neighbors are less impacted by the lighting of the fields. Over 155 teams play on this field every day of the week from early summer to late fall. The inconsistency in lighting has been identified as one of the top challenges to address in the Adult Softball Program in addition to the other youth leagues and tournaments that utilize the Saratoga Complex.
Mindiola North: The additional fields would create a soccer complex environment conducive to hosting larger tournament play (meeting a community need) and generating positive economic impact for the community (aligns with City Strategic Plan Goal #7).
WRO Improvements: The shelter facility would enable new rental functions, generating additional revenue and providing needed restroom facilities to that area of the complex. The basketball courts would primarily accommodate neighborhood needs (nearest public courts are at Pebble Valley Park). The irrigation system would promote and maintain higher quality turf to better accommodate the multiple sports currently taking place on the field.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5571-49110	10-yr GO Debt		$ 462,702	$ 270,000	$ 340,000	$ -	$ -	$ 1,072,702
0420-5571-49220	Special Revenue Fund Transfer		$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
		Total	$ 562,702	$ 270,000	$ 340,000	$ -	$ -	$ 1,172,702

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5571-68290	Saratoga Lights		$ 562,702	$ -	$ -	$ -	$ -	$ 562,702
0420-5571-68290	Mindiola North		$ -	$ 270,000	$ -	$ -	$ -	$ 270,000
0420-5571-68290	WRO Improvements		$ -	$ -	$ 340,000	$ -	$ -	$ 340,000
		Total	$ 562,702	$ 270,000	$ 340,000	$ -	$ -	$ 1,172,702

***Note: There is anticipated remaining debt funds of $62,298 available for Saratoga project.**
Total cost of Saratoga project = $625,000 ($462,702, + $62,298 + $100,000).

Operational Impact/Other

Saratoga Complex: All of the light fixtures and ballasts are obsolete, making repairs very costly and time consuming. There will be a significant reduction in energy costs (up to 50%), and an even larger reduction in maintenance costs. The ability to remotely control and schedule lights adds to the efficiency of staff time. For example, this year alone PRF Staff has made 18 service trips to the facility to repair (mostly temporarily) numerous lighting system failures. The 25 year warranty includes both labor and materials.
Mindiola North: Additional revenues will be realized through expanded programming and tournament opportunities to assist in off-setting anticipated maintenance and equipment expenditures (additional field lining, weed control, and soccer goals, etc.).
WRO Improvements: Additional revenues will be realized through expanded rentals and shared concession revenues to help off-set anticipated maintenance expenditures (cleaning/maintenance of restrooms, utilities, etc.).

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Pat Grulke
Department	PRF
Type	Facility
Useful Life	2-10 years
Category	Repair/Replacement
Priority	1
Total Project Cost	**$271,000**

Project #	
Project Name	Tennis Court Improvements - Resurfacing

Description

The Lowell Park courts (10), Banting Park courts (3) & Bethesda Park court are in need of crack-filling, patching, resurfacing & restriping. Repairs include armor system crack-filling, control joint repairs with a court patch grinder, leveling of low areas to prevent standing water (causes coloring & paint to fail), application of 2 new coats of acrylic resurface material & 2 coats of color to preserve the integrity of the asphalt pads. This type of maintenance helps to deter further deterioration of the entire court surfacing.

Justification/ How does this Increase Service to Residents?

The popular Lowell courts are highly utilized by the Department and community for instructional, competitive (North High School home courts) and recreational play purposes. At Banting Park, the conversion of the existing tennis courts into pickleball courts would better meet the growing user demand (currently have waiting lists). In regard to Bethesda Park, residents have expressed interest to establish pickleball courts at that underutilized facility.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5525-49110	10-yr GO Debt		$ 138,000	$ 88,000	$ 25,000	$ -	$ -	$ 251,000
0420-5525-48410	WTA Funds		$ -	$ -	$ 20,000	$ -	$ -	$ 20,000
		Total	$ 138,000	$ 88,000	$ 45,000	$ -	$ -	$ 271,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5525-68290	Lowell (10)		$ 138,000	$ -	$ -	$ -	$ -	$ 138,000
0420-5525-68290	Prairie (4)		$ -	$ 45,000	$ -	$ -	$ -	$ 45,000
0420-5525-68290	Banting (3)		$ -	$ 40,000	$ -	$ -	$ -	$ 40,000
0420-5525-68290	Bethesda (1)		$ -	$ 3,000	$ -	$ -	$ -	$ 3,000
0420-5525-68290	Heyer (4)		$ -	$ -	$ 45,000	$ -	$ -	$ 45,000
		Total	$ 138,000	$ 88,000	$ 45,000	$ -	$ -	$ 271,000

Operational Impact/Other

By taking responsible maintenance measures, the crack-filling and resurfacing ensures that the life span of courts is extended, deferring complete reconstruction until it is needed at a later date. At Banting, one tennis court would remain so that residents could still have an option to play tennis at this location. By converting existing tennis courts, we avoid the cost of new construction of pickleball courts. Additional lessons and teams could be added for pickleball, which would increase revenue as well.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Keith Johnson
Department	PRF
Type	Facility
Useful Life	20 years
Category	Replacement
Priority	1
Total Project Cost	**$473,960**

Project #	
Project Name	Park Fencing

Description

For 2016, the following fencing improvements are proposed: Frame baseball field (new tie-back backstop netting system and baseline fencing), Banting baseball and softball fields (new backstop and baseline fencing), Banting tennis courts (add fencing for 8 pickleball courts), Bethesda tennis court (new fencing), and Frame Park Moreland Playground (add perimeter safety fencing approx. 400 feet, 4 foot high). In future years, other outdated, damaged and worn fencing will be identified and included for CIP consideration.

Justification/ How does this Increase Service to Residents?

Proposed improvements at Frame baseball field will provide an unobstructed view to the field, enhancing the baseball experience and more importantly, it will provide additional protection from foul balls entering traffic, hitting parked cars, businesses located across the street and improve safety for the general public. The Banting baseball and softball field projects replace existing fencing and backstops with a new design making the fields safer for players and spectators. The addition of the pickleball courts at Banting are in response to a growing public demand for more facilities of this nature (this has been the #1 requested sports activity). The fencing at the Bethesda tennis court is very old and in need of replacement to best address potential safety concerns. The request for Frame Park Playground perimeter fencing is to aid in the supervision, and enhance the safety of the playground environment in regard to it's proximity to the busy street, parking lot and river.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5566-49110	10 yr. GO Debt		$ 175,675	$ 176,150	$ 122,135	$ -	$ -	$ 473,960
		Total	$ 175,675	$ 176,150	$ 122,135	$ -	$ -	$ 473,960

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5566-68290	Banting Baseball		$ -	$ 85,000	$ -	$ -	$ -	$ 85,000
0420-5566-68290	Banting Pickleball		$ -	$ 6,150	$ -	$ -	$ -	$ 6,150
0420-5566-68290	Banting Softball		$ -	$ 85,000	$ -	$ -	$ -	$ 85,000
0420-5566-68290	Bethesda Tennis		$ 9,675	$ -	$ -	$ -	$ -	$ 9,675
0420-5566-68290	Frame Baseball		$ 140,000	$ -	$ -	$ -	$ -	$ 140,000
0420-5566-68290	Frame Park Playground		$ 26,000	$ -	$ -	$ -	$ -	$ 26,000
0420-5566-68290	Dopp		$ -	$ -	$ 58,835	$ -	$ -	$ 58,835
0420-5566-68290	Roberta		$ -	$ -	$ 63,300	$ -	$ -	$ 63,300
		Total	$ 175,675	$ 176,150	$ 122,135	$ -	$ -	$ 473,960

Operational Impact/Other

The indicated improvements will aid in revenue generation as well as enhancing safety elements and the recreational experience.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Keith Johnson
Department	PRF
Type	Facility
Useful Life	15-40 years
Category	Repair/Replacement
Priority	1
Total Project Cost	**$343,500**

Project #	
Project Name	Riverwalk Improvements

Description

Electrostatic painting of approximately 150 light/banner poles with emphasis in Frame Park. The replacement of existing piers (6) and approaches, including railing, will take place in phases. Replacement of trash receptacles and benches will also take place in phases. The resetting of paver bricks as well as crack-filling and sealing of asphalt pavement is needed in order to maintain maintenance standards and will also occur in phases.

Justification/ How does this Increase Service to Residents?

The Riverwalk is used by hundreds of patrons every day. The Frame Park piers, selected park furnishings and sections of trails/walkways are in need of replacement.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5573-49110	10-yr GO Debt		$ 124,500	$ -	$ 109,500	$ -	$ 109,500	$ 343,500
		Total	$ 124,500	$ -	$ 109,500	$ -	$ 109,500	$ 343,500

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5573-68290	Painting Light poles/ Railings/Bridges		$ 60,000	$ -	$ 45,000	$ -	$ 45,000	$ 150,000
0420-5573-68290	Piers (2)		$ 22,500	$ -	$ 22,500	$ -	$ 22,500	$ 67,500
0420-5573-68290	Pathways/ Pavers (3800 Sq. Feet)		$ 34,000	$ -	$ 34,000	$ -	$ 34,000	$ 102,000
0420-5573-68290	Benches (5)		$ 4,000	$ -	$ 4,000	$ -	$ 4,000	$ 12,000
0420-5573-68290	Trash Rect. (4)		$ 4,000	$ -	$ 4,000	$ -	$ 4,000	$ 12,000
		Total	$ 124,500	$ -	$ 109,500	$ -	$ 109,500	$ 343,500

Operational Impact/Other

Regular upkeep of facilities ensures that all meet ADA code, and best ensures a safe environment for users.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	20-30 years
Category	New Construction
Priority	1
Total Project Cost	**$350,000**

Project #	
Project Name	Park Improvements

Description

Hillcrest: To aid compliance with the Federal Lands to Parks program, one of the top suggestions from the current Master Plan process is to convert the former "satellite structure" on-site, into an open-air pavilion preserving the historical significance, yet providing a functional facility. The structural integrity will be enhanced, the existing concrete floor will be renovated, and a fade-resistant fabric roof will soften the metal architectural features.
Woodfield: Proposed is a Pavilion facility featuring a multi-purpose room (would also serve as a "warming house"), restrooms, kitchen, and fireplace. Specifically, this facility would ideally accommodate multi-faceted outdoor activities (hiking, cross country skiing, snowshoeing, etc.) Proposed location would be near the existing south parking lot off Harris Highland.

Justification/ How does this Increase Service to Residents?

Hillcrest: This proposed improvement will add a usable facility to the park system, which is currently at a park where none exists. This shelter will be available for rentals as well, offering residents a new venue to explore.
Woodfield: The facility would support expanded programming and rental opportunities.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5569-49110	10-yr GO Debt		$ -	$ 20,668	$ -	$ -	$ -	$ 20,668
0420-5569-46480	Impact Fees - Pre - Fund 420		$ -	$ 6,231	$ -	$ -	$ -	$ 6,231
0420-5569-49220	Impact Fees - Post - Fund 240		$ -	$ 23,101	$ -	$ -	$ -	$ 23,101
0420-5567-49110	10-yr GO Debt		$ -	$ -	$ 300,000	$ -	$ -	$ 300,000
		Total	$ -	$ 50,000	$ 300,000	$ -	$ -	$ 350,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5569-68290	Hillcrest Pavilion		$ -	$ 50,000	$ -	$ -	$ -	$ 50,000
0420-5567-68290	Woodfield Pavilion/Playground		$ -	$ -	$ 300,000	$ -	$ -	$ 300,000
		Total	$ -	$ 50,000	$ 300,000	$ -	$ -	$ 350,000

Operational Impact/Other

Hillcrest: This structure will add to our rental facilities menu, which will increase revenue in that account. There will be a need to add park furnishings such as tables, trash receptacles, etc. More people and visitors to the park will mean "more eyes on the park" to help reduce vandalism, as the park currently is relatively secluded and unsupervised.
Woodfield: Additional revenues will be realized through expanded rentals, helping to off-set anticipated maintenance expenditures (cleaning/maintenance of restrooms, utilities, etc.).

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	Administration
Type	Facility
Useful Life	30 years
Category	Reconstruction
Priority	1
Total Project Cost	**$355,000**

Project #	
Project Name	Woodfield Dam Reconstruction

Description

This project has been a topic of discussion with the WI DNR for several years and entails the requirement to either remove the dam embankment associated with the Woodfield South Pond, or to rebuild the dam. The replacement dam would be compliant with standards required by the WI DNR. As a planning note, the silt in the pond will need to be removed in the relatively near future, benefitting fish habitat.

Justification/ How does this Increase Service to Residents?

There has been an expressed level of interest to replace the dam by the area residents, district alderman and the PRF Board. By replacing the dam, it preserves a popular local fishing spot that is also stocked by the WI DNR. The pond also attracts other wildlife that provides a variety of nature-based pursuits and activities (i.e. bird watching, etc.).

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5567-49110	10-yr GO Debt		$ -	$ 355,000	$ -	$ -	$ -	$ 355,000
		Total	$ -	$ 355,000	$ -	$ -	$ -	$ 355,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5567-68290	Reconstruction		$ -	$ 355,000	$ -	$ -	$ -	$ 355,000
		Total	$ -	$ 355,000	$ -	$ -	$ -	**$ 355,000**

Operational Impact/Other

The dam will need to be inspected periodically. Selected spots around the pond will need to be mowed so that the residents can get access to the pond. Silt removal approximately every 15 - 20 years.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	Parks, Recreation & Forestry
Type	Facility
Useful Life	25 years
Category	Replacement
Priority	1
Total Project Cost	**$15,510**

Project #	
Project Name	EB Shurts Building Improvements

Description

The HVAC system is failing and not designed for current use (multiple programs with varied temperature needs). Proposed replacement includes installation of an energy efficient, forced-air furnace, split system for heat and AC (including a new filter system, thermostat, and pump), a new return air grill and relocation of the existing thermostat into the primary meeting/activity room.

Justification/ How does this Increase Service to Residents?

This new system would allow us to regulate the temperatures at different zones within the building to better serve the varied temperature needs of user groups: (preschool, seniors, and exercise classes).

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5537-49110	10-yr GO Debt		$ 15,510	$ -	$ -	$ -	$ -	$ 15,510
		Total	$ 15,510	$ -	$ -	$ -	$ -	$ 15,510

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5537-68290	HVAC		$ 15,510	$ -	$ -	$ -	$ -	$ 15,510
		Total	$ 15,510	$ -	$ -	$ -	$ -	$ 15,510

Operational Impact/Other

The existing units are problematic to the building and require frequent service. The proposed improvements would be more energy-efficient and most importantly, better accommodate the variety of users, decreasing complaints and promoting program retention.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	30 years
Category	Reconstruction
Priority	1
Total Project Cost	**$72,000**

Project #	
Project Name	Bike/Ped Improvements - Fox River Trail

Description

The Fox River Connector Trail (approx. 2,000 linear feet) to the Glacial Drumlin Trail is in need of reconstruction. This trail segment currently has numerous cracks, depressions and rough spots that need attention. This is one of the oldest trail segments in the system and we have had numerous inquiries from users regarding future repairs. We are currently developing a trail improvement program to assist in identifying future project needs.

Justification/ How does this Increase Service to Residents?

The current surface conditions may present safety concerns to trail users. Reconstructing this popular trail link would eliminate the less-than-desirable conditions for the wide array of users (bikers, walkers, rollerbladers, etc.).

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5533-49110	10-yr GO Debt		$ 72,000	$ -	$ -	$ -	$ -	$ 72,000
		Total	$ 72,000	$ -	$ -	$ -	$ -	$ 72,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5533-68290	Fox River Connector		$ 72,000	$ -	$ -	$ -	$ -	$ 72,000
		Total	$ 72,000	$ -	$ -	$ -	$ -	$ 72,000

Operational Impact/Other

With development of a trail improvement program for the Park System, future initiatives will be identified with estimated cost investments that may include crack-filling, seal-coating, and reconstruction of existing paved trails.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	30 years
Category	Repair/Replacement
Priority	1
Total Project Cost	**$86,560**

Project #	
Project Name	Park Shelter Improvements

Description

Currently the Park System maintains & operates 29 Park Shelter/Restroom facilities. To date, through the CIP process, 8 shelters have received new roofs and 9 shelters have received new doors and frames, usually 3-4 per shelter. The new roofs utilize Lifetime Dimensional Asphalt Shingles and are installed by pre-approved contractors through the City Engineering Department. The new shelter doors consist of a heavy duty fiberglass material that can best withstand park use and abuse. We plan to continue our practice to "piggy-back" our proposed 2016 order, with the School District of Waukesha, who utilizes the same type of door (anticipate volume discount). Also proposed are the replacement of paper towel dispensers with electric hand dryers as well as epoxy floor treatments to further enhance park shelter functionality and appearance.

Justification/ How does this Increase Service to Residents?

Minimizing roofing leaks deters structural and interior damage to facilities (extending the life span) keeping park shelters available and functional to the public. Heavy duty door replacements deter vandalism and unauthorized access to facilities. The addition of hand dryers and epoxy floor treatments promote a cleaner facility and better appearance.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5538-49110	10-yr GO Debt		$ 43,360	$ 43,200	$ -	$ -	$ -	$ 86,560
		Total	$ 43,360	$ 43,200	$ -	$ -	$ -	$ 86,560

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5538-68290	Priedeman, Moreland, Frame Comfort & Rotary Roofs		$ 29,200	$ -	$ -	$ -	$ -	$ 29,200
0420-5538-68290	Moreland, Union, Rotary & EB Shurts Doors		$ -	$ 43,200	$ -	$ -	$ -	$ 43,200
0420-5538-68290	Hand Dryers		$ 8,960	$ -	$ -	$ -	$ -	$ 8,960
0420-5538-68290	Epoxy Floors		$ 5,200	$ -	$ -	$ -	$ -	$ 5,200
		Total	$ 43,360	$ 43,200	$ -	$ -	$ -	$ 86,560

Operational Impact/Other

Eliminating leaks will not only extend the life of buildings, it will also make them more appealing to customers, and increase usage and rentals. Door replacements are planned to accommodate electronic locking systems in the future, planning for an efficiency that will better ensure safety and save staff time. By replacing paper towels with hand dryers, we eliminate the cost of the paper towels and dispensers, and also the time and cost for cleaning up waste and vandalism from people throwing and flushing paper towels. In addition, hand dryers and epoxy floors will promote a cleaner facility (and easier to keep clean).

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Mary Berg
Department	PRF
Type	Facility
Useful Life	50 years
Category	Replacement
Priority	1
Total Project Cost	**$5,500,000**

Project #	
Project Name	Buchner Aquatic Center & Improvements

Description

In 2015-2016 a Buchner Pool Study will be conducted to determine specifically the scope and level of improvements, along with associated cost estimates (including operational impacts). Specific study/assessment objectives are: evaluate current conditions, identify community needs/wants, develop a plan for renovation/reconstruction/redevelopment, develop cost estimates sufficient for budgeting the project, identify operation impacts associated with the improved facility, and conclude the process with "community consensus" and support for a plan to move forward to the Common Council for 2017 CIP consideration (implement construction improvements). NOTE: The given budget figure serves only as a very preliminary "cost placeholder" to aid CIP planning (in regard to pool reconstruction).

Justification/ How does this Increase Service to Residents?

To be determined by the study results.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5322-49110	15-yr GO Debt		$ -	$ 5,500,000	$ -	$ -	$ -	$ 5,500,000
		Total	$ -	$ 5,500,000	$ -	$ -	$ -	$ 5,500,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5322-68190	Aquatic Center		$ -	$ 5,500,000	$ -	$ -	$ -	$ 5,500,000
		Total	$ -	$ 5,500,000	$ -	$ -	$ -	$ 5,500,000

Operational Impact/Other

To be determined by the study results.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps/Pete Traczek
Department	PRF
Type	Facility
Useful Life	50 years
Category	New
Priority	1
Total Project Cost	**$1,830,340**

Project #	
Project Name	Southern Regional Maintenance Service Center

Description

As approved in the 2015 budget process, accommodations for a future PRF maintenance facility were incorporated within building plans associated with the proposed new Fire Station #3 (to be located on the south side of the city). The proposed total square footage of the addition is approx. 7,958 sq. ft. Primary building components include 5 bays, equipment storage, work room, small lunch room, small office, restroom/lockers, and yard area (6,000 sq. feet).

Justification/ How does this Increase Service to Residents?

Due to the expansion of the current city limits, in particular the far south side, we have a present and growing need to decrease our mobilization time to transport maintenance related staff and equipment to park sites in the south region (i.e. River Valley, River's Crossing & Fox River South).
Currently, travel time is approx. 25-30 minutes for mowers to reach south side sites. Not only would response time be quicker (in the case of storm events), but resource allocation can be better managed (labor costs, fuel, etc.).

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5577-49110	15-yr GO Debt		$ -	$ -	$ -	$ -	$ 1,830,340	$ 1,830,340
		Total	$ -	$ -	$ -	$ -	$ 1,830,340	$ 1,830,340

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5577-68190	SE Building		$ -	$ -	$ -	$ -	$ 1,830,340	$ 1,830,340
		Total	$ -	$ -	$ -	$ -	$ 1,830,340	$ 1,830,340

Operational Impact/Other

Approx. time savings and "gained production hours" = 1,521 per year. Estimated reduction in fuel: 2,100 gallons (approx. annual cost savings = $7,000). Estimated annual reduction in mileage (to help reduce vehicle wear and tear): 26,000 miles.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Ron Grall
Dept. Contact	Melissa Philipps
Department	PRF
Type	Facility
Useful Life	Forever
Category	New
Priority	1
Total Project Cost	**$3,875,000**

Project #	
Project Name	New Park Development

Description

The former Hoover Avenue landfill site has been a topic of discussion for years. As recommended by the City of Waukesha Park & Open Space Plan (1998 & 2007), the intended use of this site is recreational (serve as a community park). Specifically, development of multiple soccer fields, a playground area, a community recreation building, basketball courts, park shelter/restroom and a large skatepark facility are proposed to better meet expressed community and neighborhood needs. Currently, 5 soccer fields and 2 basketball courts have been developed in addition to renovating the north side parking lot.

Justification/ How does this Increase Service to Residents?

Mindiola Park is located within an identified Neighborhood Revitalization Area. The proposed improvements would provide affordable recreational opportunities for the community park service area.

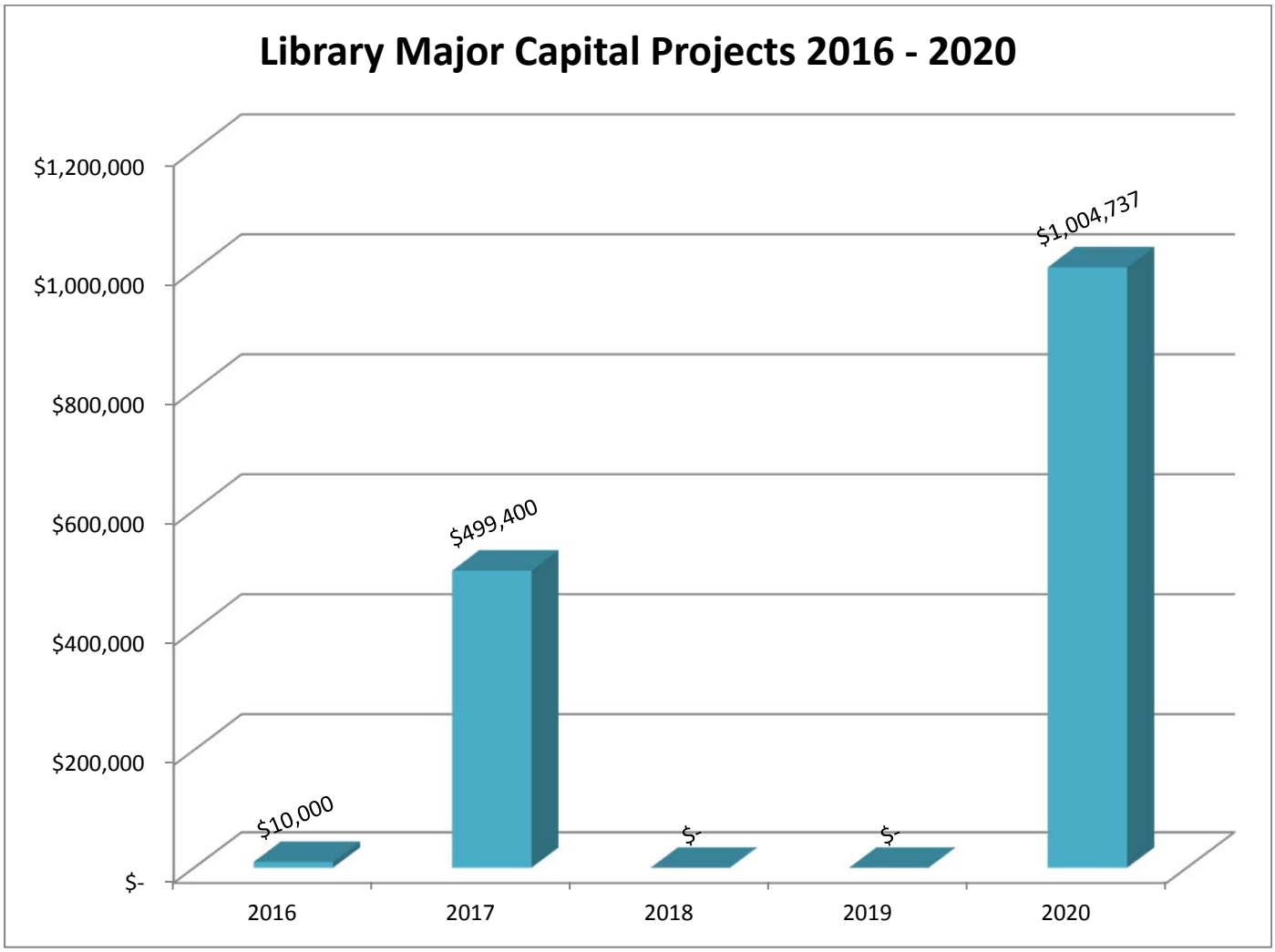
Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5565-49110	15-yr GO Debt		$ -	$ -	$ -	$ 3,875,000	$ -	$ 3,875,000
		Total	$ -	$ -	$ -	$ 3,875,000	$ -	$ 3,875,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5565-68190	Mindiola		$ -	$ -	$ -	$ 3,875,000	$ -	$ 3,875,000
		Total	$ -	$ -	$ -	$ 3,875,000	$ -	$ 3,875,000

Operational Impact/Other

Contingent upon the level of improvements, commensurate staffing and operational needs will be identified.

Projects by Department – Library



Library Major Capital Projects 2016-2020

	2016	2017	2018	2019	2020	2016-2020
Laptop Lending Kiosk	$ -	$ 33,400	$ -	$ -	$ -	$ 33,400
Tablet Checkout Machine	-	25,000	-	-	-	25,000
Rooftop Green Roof	-	100,000	-	-	-	100,000
Rooftop Repairs	10,000	-	-	-	-	10,000
Electronic Bulletin Board	-	50,000	-	-	-	50,000
Interior Renovations	-	-	-	-	1,004,737	1,004,737
Carnegie Room Renovations	-	291,000	-	-	-	291,000
Library Total	**$ 10,000**	**$ 499,400**	**$ -**	**$ -**	**$ 1,004,737**	**$ 1,514,137**

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	John Klima
Department	Library
Type	IT 1917
Useful Life	10 Years
Category	IT 1917
Priority	1
Total Project Cost	**$33,400**

Project #	
Project Name	Laptop Lending Kiosk

Description

This project would install a Laptop Lending Kiosk (TechLogic MediaSurfer) for patron use at the Waukesha Public Library. This is similar to the Tablet Checkout Machine referenced in WPL_FY2016CIP_5-Year_CIP_07152015_001. The Library currently offers a handful of laptops for patron use, and they are incredibly popular. As we continue to evolve away from desktop computing in favor of a wireless, mobile environment, the Laptop Lending Kiosk will prove essential to the customer experience.

Justification/ How does this Increase Service to Residents?

Approximately 50 desktops are in use at any given time at the Waukesha Public Library. In order to meet a growing patron demand, laptops were purchased a few years ago to add flexibility and mobility for our user experience. Due to their popularity, a Laptop Lending Kiosk was proposed to (a) remove staff interaction from what should be a relatively easy and sole-serving transaction; (b) offer more laptops for patron use; and (c) increase equipment checkouts at the Library. The pricing breakdown is as follows: 12-bay machine: $25,000; Twelve laptops: $700 each, or $8,400. Total: $33,400.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt	$ -	$ 33,400	$ -	$ -	$ -	$ 33,400
	Total	$ -	$ 33,400	$ -	$ -	$ -	$ 33,400

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68130	Equipment	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
0420-5124-68130	Equipment	$ -	$ 8,400	$ -	$ -	$ -	$ 8,400
	Total	$ -	$ 33,400	$ -	$ -	$ -	$ 33,400

Operational Impact/Other

The operational impact will likely be around $2,000 per year, starting in FY2017. This is a typical maintenance payment for machinery like this, but it will be covered by a 12-month warranty for the first year. It is unlikely to see a major system failure in the first five years of operation.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	John Klima
Department	Library
Type	IT 1917
Useful Life	10 Years
Category	IT 1917
Priority	1
Total Project Cost	**$25,000**

Project #	
Project Name	Tablet Checkout Machine

Description

This project would install a tablet checkout machine (company: Laptops Anytime) for patron use at the Waukesha Public Library. While the Library already provides digital media access like electronic books and electronic audio/visual, the collection is deficient in the devices themselves. Most other major municipal organizations feature services like this, and Library staff have been requested to investigate and pursue such a machine.

Justification/ How does this Increase Service to Residents?

$80,000 will be invested by city and county sources for e-media content in FY2016. This tablet checkout machine will prove to be a vital resource for those patrons who wish to access e-media, but whom do not own tablet devices. Since so much money is being invested in providing this collection (it should be noted that circulation of the e-media collection has risen approximately 400% over the past three years) the Library has an obligation to provide a way for all patrons to access it.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt		$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
		Total	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68130	Tablet Checkout Machine		$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
		Total	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000

Operational Impact/Other

The operational impact will likely be around $2,000 starting in FY2017. This is a typical maintenance payment for machinery like this, but it will covered by a 12-month warranty for the first year. It is unlikely to see a major system failure in the first five years of operation.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	Grant Lynch
Department	Library
Type	Building
Useful Life	30 Years
Category	Building
Priority	1
Total Project Cost	**$100,000**

Project #	
Project Name	Rooftop Green Roof

Description

This project exists to add further functionality and uniqueness to the newly renovated Les Paul Bandshell. There have been a few massively successful concerts that have taken place at the Bandshell since June 2015, and it is fair to say that the entire community is buzzing about it. In an effort to propose even more benefit to our citizens, the project of a rooftop garden/patio/green roof on the Library came into the discussion.

Justification/ How does this Increase Service to Residents?

The new renovation put the space in a phenomenal position to tie the entire campus of the Waukesha Public Library, Cutler Park and the bandshell together for the cultural and artistic benefit of our community. The Library has an unused roof space on the northwest corner of the building, and it is situated in such a way that it would provide a breathtaking view of the concert stage for upwards of 150 people at a time. Rooftop gardens and green roofs are incredibly popular on municipal buildings (note that the Madison Public Library, Milwaukee Public Museum and the Milwaukee Public Library all have this feature) and provide ecological benefit that can certainly be boasted as a progressive way forward for the City. Through several conversations with City Administrators and Aldermen, it seems very obvious that the community would embrace further development of this space for the benefit of all.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
	Total	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68220	Rooftop Green Roof	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
	Total	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000

Operational Impact/Other

Operational impacts of this project will include ongoing maintenance of the area, along with staff costs for all events that happen in the space. Volunteer help may be solicited for beautification purposes, but professional, contracted help throughout the year will be necessary. A consultant can help identify these costs (estimated to be $10,000 per year based on preliminary research) as well as to design and create the space.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	Jim LaPaz
Department	Library
Type	Building
Useful Life	10 Years
Category	Building
Priority	1
Total Project Cost	**$10,000**

Project #	
Project Name	Rooftop Repairs

Description

The roof of the Waukesha Public Library is well over ten years old, and the rubber membrane that protects the facility interior has started to fail. Leaks are imminent, as the membrane has dried out and curled up at several places, with particular focus over the Children's Department. Maintenance staff is certain that the roof will not maintain structural integrity for another year, so a project in FY2016 is warranted.

Justification/ How does this Increase Service to Residents?

The Waukesha Public Library has a multi-million dollar collection and a multitude of assets that cannot get wet. A roof leak would be an extraordinarily costly occurrence, as water damage would spread far and wide throughout the facility, to say nothing of black mold that would arrive as a result. In fact, the Library already went through a mold removal process in the mid-2000s at an enormous cost to the City. A small investment today will protect these assets and avoid exponentially higher costs in the future.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
	Total	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68220	Rooftop Repairs	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
	Total	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000

Operational Impact/Other

There would be no operational impact to this project.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	Grant Lynch
Department	Library
Type	Building
Useful Life	20 Years
Category	Building
Priority	1
Total Project Cost	**$50,000**

Project #	
Project Name	Electronic Bulletin Board System

Description

This project grew out of an identified need for more accessible public space. The Waukesha Public Library is the center of the community for information gathering, sharing, and learning. Our current bulletin board system is buried behind stacks of dense shelving, and is situated in an area where most patrons would not think to go to gather the valuable information posted. Another solution is required if the Library is to maintain its role as the premier information aggregator in the community.

Justification/ How does this Increase Service to Residents?

The Library has an area directly across from the Special Services Desk (the "Circulation" desk) at the front of the building. This space is terribly underutilized, and would be a perfect place for this new system for a few reasons: first, it is arguably the only place in the entire Library where patrons stand around for a few minutes as they wait in line to check out - this presents massive exposure to all of the information on the board. Second, the space is very wide and 18" deep, which allows for 3-dimensional artifacts to be on display. Finally, we would achieve many objectives by using this space, that will turn a simple bulletin board system into an interactive patron experience. The Library currently has no display for the many accolades and awards it has received over the years. The Library also has no display that honors our many donors and community partners. Using projector-based systems, bulletins can also be digitally scanned and projected onto the space to present a unique and aesthetically pleasing experience. It is as much a practical application as it is a potential jewel for the Library.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt		$ -	$ 50,000	$ -	$ -	$ -	$ 50,000
		Total	$ -	$ 50,000	$ -	$ -	$ -	$ 50,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68220	Electronic Bulletin Board		$ -	$ 50,000	$ -	$ -	$ -	$ 50,000
		Total	$ -	$ 50,000	$ -	$ -	$ -	$ 50,000

Operational Impact/Other

There would be limited operational impact, as much of the work to produce content for the bulletin system will be covered by the initial costs. Any further costs would likely be minor maintenance and bulb replacement, so perhaps $1,000 per year.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	Grant Lynch
Department	Library
Type	Building
Useful Life	30 Years
Category	Building
Priority	1
Total Project Cost	**$1,004,737**

Project #	
Project Name	Interior Renovations

Description

According to the 2012 City of Waukesha Public Facilities Needs Assessment And Impact Fee Study, the Waukesha Public Library is currently deficient by 8,367 square feet of space needed to serve current population levels. It is unlikely that the necessary $2,350,756 recommended in the Study to solve this problem will be funded in the near future, so Library administrators took steps to develop a far less expensive, but equally impactful solution. By renovating and repurposing several spaces at once, we can achieve many of the objectives described in the Study for nearly half of the recommended figure.

Justification/ How does this Increase Service to Residents?

One of the most popular areas of the Library is the Children's Department, which was renovated in 2010. It was modernized to create a space that works to the benefit of patrons, and provides a unique and impactful Library experience. Children's attendance at programs has gone up substantially as a result of the renovation, and it is undoubtedly one of the most highly-trafficked areas in the building. Put simply, we would like to provide this same experience to all Library patrons by renovating the entire downstairs of the facility. A Space Needs Study was completed in early 2013, and identifies four specific areas (including the Carnegie Room Renovation) where a positive and measurable difference could be implemented to bring the Waukesha Public Library up to a modern design. A 32-page proposal from Milwaukee-based firm Engberg-Anderson is available and should be included with this justification. *Please note that the Carnegie Room Renovation Project is NOT included in this figure.* The breakdown is as follows: $346,119 for labor and materials for Wayfinding improvements (Part I); $28,000 for retiling vestibule; $107,187 for Sound Center/Makerspace (Part II); $436,717 for Community Room expansion (Part III); $69,575 for Wayfinding furniture; $1,694 for Sound Center/Makerspace furniture; $5,445 for Community Room furniture; $10,000 for LED monitors.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt		$ -	$ -	$ -	$ -	$ 1,004,737	$ 1,004,737
		Total	$ -	$ -	$ -	$ -	$ 1,004,737	$ 1,004,737

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68220	Wayfinding Improvements		$ -	$ -	$ -	$ -	$ 346,119	$ 346,119
0420-5124-68220	Vestibule Retiling		$ -	$ -	$ -	$ -	$ 28,000	$ 28,000
0420-5124-68220	Sound Center		$ -	$ -	$ -	$ -	$ 107,187	$ 107,187
0420-5124-68220	Community Room Expansion		$ -	$ -	$ -	$ -	$ 436,717	$ 436,717
0420-5124-68220	Wayfinding Furniture		$ -	$ -	$ -	$ -	$ 69,575	$ 69,575
0420-5124-68220	Sound Center Furniture		$ -	$ -	$ -	$ -	$ 1,694	$ 1,694
0420-5124-68220	Community Room Furniture		$ -	$ -	$ -	$ -	$ 5,445	$ 5,445
0420-5124-68220	LED Monitors		$ -	$ -	$ -	$ -	$ 10,000	$ 10,000
		Total	$ -	$ -	$ -	$ -	$ 1,004,737	$ 1,004,737

Operational Impact/Other

The operational impact is varied. All renovations to the three major areas can take place with limited impact to building maintenance and/or staffing. This is because a certain level of quality customer service can be achieved with current staffing levels. More staff would be of great benefit (i.e. having the studio staffed at all times would be ideal) but there may be some flexibility regarding repurposing the roles of current staff if the project is approved. For purposes of this document, the operational impact would be $10,000 - $50,000 per year depending on what parts of the project move forward.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Grant Lynch
Dept. Contact	Grant Lynch
Department	Library
Type	Building
Useful Life	30 Years
Category	Building
Priority	1
Total Project Cost	**$291,000**

Project #	
Project Name	Carnegie Room Renovation

Description

A four-part Space Utilization & Design Study for the Waukesha Public Library was funded as a $15,000 Capital Improvement Project in FY2012. Completed in August of 2013, this plan focused on four specific parts of library service and facility management, and was designed to accommodate various levels of municipal funding potential. One particular area, the Carnegie Room Renovation Project, stood out from the rest as a viable and extraordinarily cost-effective solution to some of the current and future challenges that face the organization.

Justification/ How does this Increase Service to Residents?

The Carnegie Room Renovation Project accomplishes two important goals: 1) When completed, it will help to address some current challenges at a substantial cost-savings when compared to expensive alternatives; and 2) It presents a unique opportunity for continued growth and community reach. Three specific reasons provide necessary justification for this project (note that far more information is available): 1) It better utilizes current space and avoids an expensive building addition; 2) It presents more space for Library programs; and 3) It re-energizes a rare cultural landmark and capitalizes on a largely unknown accolade for the City. In short, the result of repurposing this space adds more room for the Library's varied and expansive collection of books, periodicals and artifacts, adds a location for Library programs and events to take place, and it doubles current capacity for audiences. Finally, it preserves and protects a historically- and culturally-significant contribution to the City that deserves attention.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt		$ -	$ 291,000	$ -	$ -	$ -	$ 291,000
		Total	$ -	$ 291,000	$ -	$ -	$ -	$ 291,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68220	Carnegie Room Renovation		$ -	$ 291,000				$ 291,000
		Total	$ -	$ 291,000	$ -	$ -	$ -	$ 291,000

Operational Impact/Other

Other than perhaps a bump in facility insurance, there are no ongoing operational costs associated with this project. The room already exists, so HVAC costs and maintenance will most likely stay the exact same.

Other Capital Projects 2016-2020

	2016	2017	2018	2019	2020	2016-2020
Concrete & Asphalt Street Repair	$ 100,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 660,000
Bridge Inspection & Repair	50,000	80,000	80,000	80,000	80,000	370,000
Sidewalk Replacement - City Funded	150,000	150,000	150,000	150,000	150,000	750,000
Sidewalk Replacement - Spec. Assessments	120,000	120,000	120,000	120,000	120,000	600,000
Street Light Upgrades	5,000	5,000	5,000	5,000	5,000	25,000
Engineering Total	**$ 425,000**	**$ 495,000**	**$ 495,000**	**$ 495,000**	**$ 495,000**	**$ 2,405,000**
Dunbar Oaks Alley (TIF 17)	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
Community Development Total	**$ 180,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 180,000**

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul G Day
Department	Engineering
Type	Road
Useful Life	25 Years
Category	Maintenance
Priority	2
Total Project Cost	$660,000

Project #	
Project Name	Concrete & Asphalt Street Repair

Description

Funding allows for replacement of deteriorated sections of aspalt and concrete roads where complete reconstruction of curbs and gutters and drive approaches is not necessary. Useful life is extended by another 25 years

Justification/ How does this Increase Service to Residents?

The patching of asphalt and concrete roads at the proper time, prolongs the life and postpones the much greater expense of reconstruction. Streets in this Program are reviewed yearly in order to best use the funding provided.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8001-42210	State Shared Revenue		$ -	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 160,000
0400-8001-43260	Utility Permit Fees		$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
		Total	$ 100,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 660,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8001-68290	Concrete Street Repair		$ 100,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 660,000
		Total	$ 100,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 660,000

Operational Impact/Other

Less patching of potholes and other road maintenence will be required by the Department of Public Works after the deteriorated pavement is replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul G Day
Department	Engineering
Type	Road
Useful Life	10 Years
Category	Maintenance
Priority	2
Total Project Cost	$370,000

Project #	
Project Name	Bridge Inspection and Repair

Description

Funding allows for the mandatory inspections and routine maintenance that is required on the City's bridges. Approximately half of the requested $80,000 funds the mandatory bridge inspections.

Justification/ How does this Increase Service to Residents?

The maintenance of bridges at the proper time, prolongs the life and postpones the much greater expense of reconstruction. Bridges in this Program are reviewed yearly in order to best use the funding provided. The bridges currently planned for this program include the following:
2016 - Wisconsin Ave
2017 - E/B Moreland Blvd
2018 - W/B Moreland Blvd
2019 - Barstow St
2020 - Madison St

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8010-42210	State Shared Revenue		$ 50,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 370,000
		Total	$ 50,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 370,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8010-68290	Bridge Inspection & Repair		$ 50,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 370,000
		Total	$ 50,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 370,000

Operational Impact/Other

Maintaining of the bridges will extend the life.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul G Day
Department	Engineering
Type	Road
Useful Life	10 Years
Category	Maintenance
Priority	2
Total Project Cost	$750,000

Project #	
Project Name	Sidewalk Replacement - City Funded

Description

Funding allows for the replacement of sidewalk in locations that City trees have caused the sidewalk to be condemned as well as other City owned sidewalk.

Justification/ How does this Increase Service to Residents?

This project will allow the City to complete the required replacement of sidewalk the City is responsible for. The request increase is due to the backlog of the replacement of sidewalks damaged by City trees.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8031-42210	State Shared Revenue		$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000
		Total	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8031-68290	City Sidewalk Replacement		$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000
		Total	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 750,000

Operational Impact/Other

Less patching will be required by the Department of Public Works after the condemned sidewalks are replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul G Day
Department	Engineering
Type	Road
Useful Life	10 Years
Category	Maintenance
Priority	2
Total Project Cost	$600,000

Project #	
Project Name	Sidewalk Replacement - Special Assessments

Description

Funding allows for the replacement of sidewalk in locations that City trees have caused the sidewalk to be condemned as well as other City owned sidewalk.

Justification/ How does this Increase Service to Residents?

This project will allow the City to complete the required replacement of sidewalk the City is responsible for. The request increase is due to the backlog of the replacement of sidewalks damaged by City trees.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8030-46110	Special Assess. Def.		$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000
		Total	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8030-68290	Sidewalk Replacement		$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000
		Total	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000

Operational Impact/Other

Less patching will be required by the Department of Public Works after the condemned sidewalks are replaced.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Paul G Day
Department	Engineering
Type	Infrastructure
Useful Life	10 Years
Category	Maintenance
Priority	2
Total Project Cost	$25,000

Project #	
Project Name	Street Lighting Upgrade

Description

Funding allows for the upgrade and routine maintenance that is required on the City's Street Light System.

Justification/ How does this Increase Service to Residents?

Funding for the upgrade and routine maintenance of the City's street light system will provide a better performing system with less unexpected outages.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8050-42210	State Shared Revenue		$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 25,000
		Total	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 25,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-8050-68290	Street Lighting Upgrade & Maint.	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 25,000
	Total	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 25,000

Operational Impact/Other

Upgrading and maintaining the street light system will emergency repair work by the City Department of Public Works.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Jennifer Andrews
Dept. Contact	Jennifer Andrews
Department	Community Development
Type	Alley
Useful Life	50 Years
Category	New Construction
Priority	1
Total Project Cost	**$180,000**

Project #	
Project Name	Alley 106 - Dunbar Oaks

Description

The project would consist of paving the alley between Prospect and Dunbar Street. This is the final phase of the construction in the Dunbar Oaks neighborhood. The houses will be completed in 2016, allowing for the construction of the alley. The construction will include pervious pavement to allow for infiltration. This is a test project for the City. If the project is successful, the City may use pervious pavement in other locations around the City.

Justification/ How does this Increase Service to Residents?

The Dunbar Oaks infill project was approved as a TID 17 project in 2009. There were 11 lots platted, with an alley separating them. The house construction will be complete in 2016. The City waited to install the alley because the design calls for pervious pavement which would have been clogged by dust and debris generated during construction. To date, the owners of the homes in the neighborhood have been driving over dirt and gravel in the alley way. Gravel is not an acceptable street covering by the City's standards. It is very difficult for the City to clear the snow in the winter. Paving the alley provides these homeowners with a solid driving surface, and ease of maintenance for the City. The garages for the new homes face the alley, and as result, residents often have water and dirt washing into their garages because the alley is not paved. Paving the alley will ensure proper drainage as well. There are 11 lots and 13 units that use this alley. The average value of a single family home in this development is $205,760.

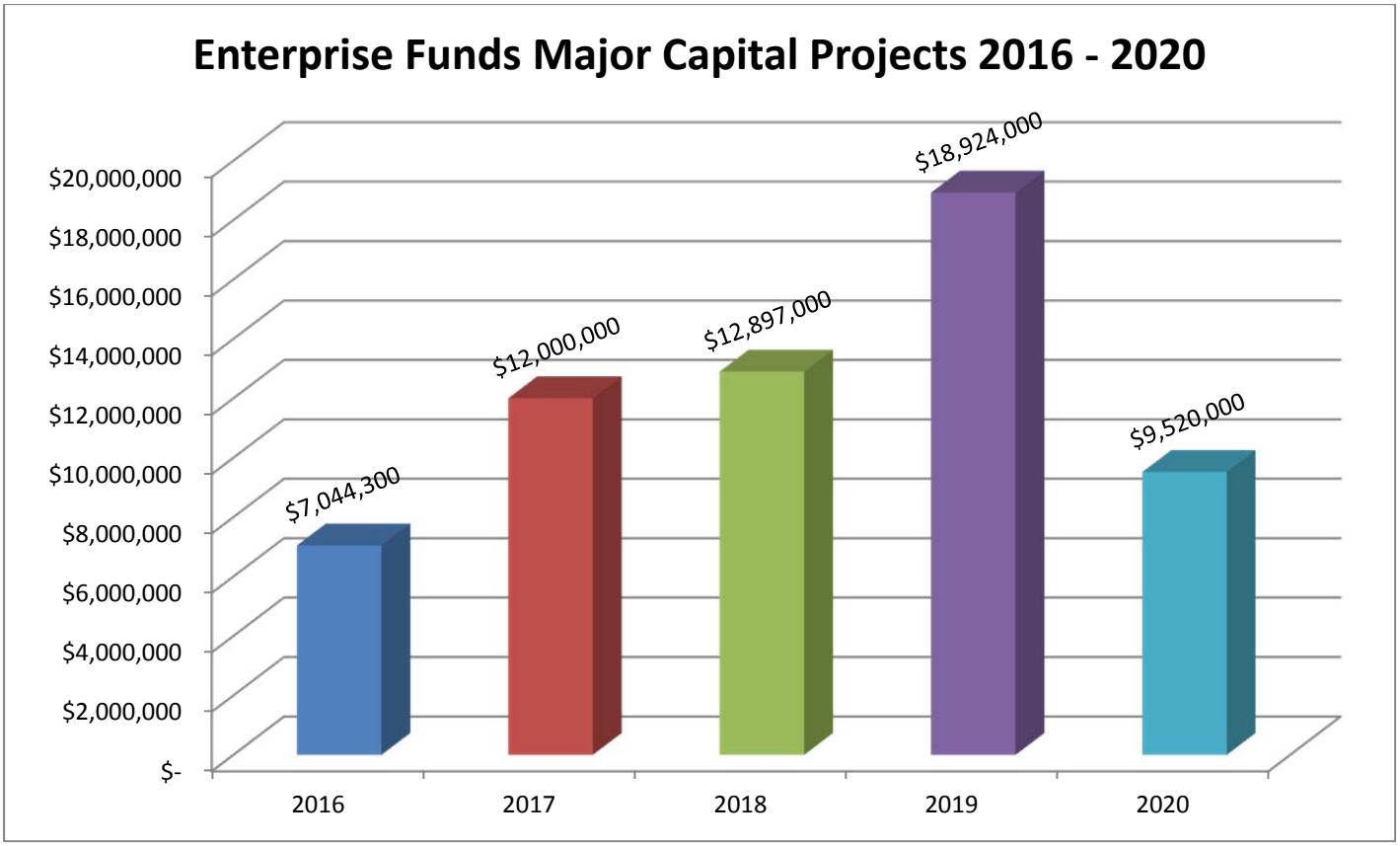
Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0457-3917-49110	10-Year GO Debt (TID 17)	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
	Total	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0457-3917-68290	Alley between Dunbar & Prospect	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000
	Total	$ 180,000	$ -	$ -	$ -	$ -	$ 180,000

Operational Impact/Other

Operational impacts will be positive. Construction and paving of the alley will allow for easier maintenance, and a longer life for the facility. It will also make it easier to plow and salt.

Enterprise Funds Major Capital Projects 2016-2020



Enterprise Funds Major Capital Projects 2016-2020

	2016	2017	2018	2019	2020	2016 – 2020
UV Disinfection Upgrade	$ 800,900	$ -	$ -	$ -	$ -	$ 800,900
Sanitary Interceptor Projects	400,000	6,250,000	7,000,000	2,500,000	4,000,000	20,150,000
Sanitary Pump Station & Force Main Rehab.	400,000	1,250,000	1,250,000	1,435,000	720,000	5,055,000
Sanitary Sewer Extensions (E. Broadway)	-	500,000	-	-	-	500,000
Sanitary Manhole Rehabilitation	350,000	350,000	350,000	350,000	350,000	1,750,000
Sanitary Sewer Rebabilitation	4,970,000	2,900,000	3,300,000	3,300,000	3,650,000	18,120,000
Facility Plan 6-10-Yr Upgrades	-	-	997,000	11,339,000	-	12,336,000
Final Clarifier Rehabilitation	-	750,000	-	-	-	750,000
Primary Influent Pump Replacement	-	-	-	-	800,000	800,000
WWTP Total	**$ 6,920,900**	**$ 12,000,000**	**$ 12,897,000**	**$ 18,924,000**	**$ 9,520,000**	**$ 60,261,900**
Transit Center Tower Waterproofing	$ 78,000	$ -	$ -	$ -	$ -	$ 78,000
Parking Total	**$ 78,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 78,000**
Sidewalk Replacement	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
Patching & Crack-Filling Cemetery Roads	25,400	-	-	-	-	25,400
Cemetery Total	**$ 45,400**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 45,400**
Enterprise Funds Totals	**$ 7,044,300**	**$ 12,000,000**	**$ 12,897,000**	**$ 18,924,000**	**$ 9,520,000**	**$ 60,385,300**

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Fred Abadi/Paul Day
Department	Public Works-WWTP
Type	Facility upgrade
Useful Life	15 years
Category	Continued Construction
Priority	1
Total Project Cost	**$800,900**

Project #	
Project Name	UV disinfection upgrade

Description

This is a project that has started construction in 2015, to be completed in 2016. The total project is $3,300,900, the budget amount for 2015 was $2,500,000.

Justification/ How does this Increase Service to Residents?

This is an upgrade that was required by DNR for WPDES permit compliance. Construction was to start by September 30th 2015, with final completion by March 31st 2017. We will complete by March 31st 2016, as it was not feasible to construct over two years.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Replacement Fund		$ 470,620	$ -	$ -	$ -	$ -	$ 470,620
0603-7388-49220	Transfer from Spec. Rev.		$ 330,280					$ 330,280
		Total	$ 800,900	$ -	$ -	$ -	$ -	$ 800,900

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	UV Disinfection Upgrade		$ 800,900	$ -	$ -	$ -	$ -	$ 800,900
		Total	$ 800,900	$ -	$ -	$ -	$ -	$ 800,900

Operational Impact/Other

This will increase our disinfection capacity from 18 MGD to 39 MGD.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Chris Langemak
	Jon Schapekahm
Department	Engineering
Type	Sanitary Sewer
Useful Life	50 Years
Category	New Construction
Priority	1
Total Project Cost	**$20,150,000**

Project #	
Project Name	Sanitary Interceptor Projects

Description

The Sanitary Interceptor Projects Program is a result of the sanitary sewer master plan which reduces the number of sanitary sewer pump stations in the City of Waukesha. Currently there are approximately forty pump stations in the City, and this program allows for the elimination of at least 8 of them either by direct gravity sewers to the treatment plant, or the consolidation of several pump stations into one.

Justification/ How does this Increase Service to Residents?

The Sanitary Interceptor Projects allow the elimination or consolidation of several of the City's sanitary pump stations, per the Sanitary Sewer Master Plan and Interceptor Sewer Cost Comparison Analysis. Pump stations are prone to electrical and mechanical failures, and the elimination of stations improves overall sewer system reliability and reduces operational costs.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-49110	20 yr Revenue Bonds		$ 400,000	$ 6,250,000	$ 7,000,000	$ 2,500,000	$ 4,000,000	$ 20,150,000
		Total	$ 400,000	$ 6,250,000	$ 7,000,000	$ 2,500,000	$ 4,000,000	$ 20,150,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68290-71440	Design - Woodfield/Greenmeadow		$ 400,000	$ -	$ -	$ -	$ -	$ 400,000
0603-7399-68290-71440	WWTP/Woodfield/Greenmeadow		$ -	$ 6,250,000	$ -	$ -	$ -	$ 6,250,000
0603-7399-68290-71440	Fox Point/Burr Oak/West Ave		$ -	$ -	$ 7,000,000	$ -	$ -	$ 7,000,000
0603-7399-68290-71440	Fox Point/Burr Oak/West Ave		$ -	$ -	$ -	$ 2,500,000	$ -	$ 2,500,000
0603-7399-68290-71440	Madison St/Coneview/Fiddlers Crk.		$ -	$ -	$ -	$ -	$ 4,000,000	$ 4,000,000
		Total	$ 400,000	$ 6,250,000	$ 7,000,000	$ 2,500,000	$ 4,000,000	$ 20,150,000

Operational Impact/Other

Operational impact will be positive. Installation of interceptors eliminates several pump stations, some of which are major ones, which increases sewer system reliability by eliminating the electrical and mechanical components which are prone to failure. The interceptors also reduce the number of times sewage is pumped, reducing the dependency of upstream stations on the downstream ones. Operational costs are also reduced due to the energy savings since sewage is transported more efficiently by gravity sewers.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Chris Langemak
Department	Engineering
Type	Sanitary Sewer
Useful Life	20 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$5,055,000**

Project #	
Project Name	Sanitary Pump Station and Force Main Rehabilitation

Description

The Sanitary Pump Station and Force Main Rehabilitation Program is for the rehabilitation/reconstruction of approximately 40 sanitary pump stations and force mains in the City of Waukesha. The selected pump stations and force mains are either in poor structural condition, have operational/capacity issues, or have reached the end of their service life. This is a City-wide program that selects one to three of the City's approximately 40 pump stations, based on condition and operational issues.

Justification/ How does this Increase Service to Residents?

The Sanitary Pump Station and Force Main Rehabilitation Program allows the Engineering Department to rehabilitate/reconstruct sanitary pump stations and force mains to improve their structural condition, correct operational/capacity issues, replace aging mechanical and electrical equipment which is at the end of their useful life, reduce sanitary sewer over flows, improve employee safety and reduce operational costs. This program also replaces the ferious-force mains that have typically been the cause of sanitary sewer overflows, due to corrosion and structural issues that result in environmental impacts and emergency repairs. The replacement of these force mains is a requirement of the DNR to reduce the risk of these overflows.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-49110	20 yr Revenue Bonds		$ 400,000	$ 1,250,000	$ 1,250,000	$ 1,435,000	$ 720,000	$ 5,055,000
		Total	$ 400,000	$ 1,250,000	$ 1,250,000	$ 1,435,000	$ 720,000	$ 5,055,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68290-71440	Golf Rd PS, Patricia Ln PS		$ 400,000	$ -	$ -	$ -	$ -	$ 400,000
0603-7399-68290-71440	Pebble Valley PS		$ -	$ 250,000	$ 1,250,000	$ -	$ -	$ 1,500,000
0603-7399-68290-71450	Pebble Valley FM		$ -	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000
0603-7399-68290-71440	Springbrook PS		$ -	$ -	$ -	$ 375,000	$ -	$ 375,000
0603-7399-68290-71450	Ruben Dr FM		$ -	$ -	$ -	$ 1,060,000	$ -	$ 1,060,000
0603-7399-68290-71450	Coral Dr FM, TBD		$ -	$ -	$ -	$ -	$ 720,000	$ 720,000
		Total	$ 400,000	$ 1,250,000	$ 1,250,000	$ 1,435,000	$ 720,000	$ 5,055,000

Operational Impact/Other

Pump station and force main rehabilitation results in a positive impact to operations. Rehabilitation replaces the mechanical and electrical components which have reached the end of their service life, and replaces them with new components which require less maintanence and are more efficient. Rehabilitaion of the force mains replaces piping systems that are prone to failure, reducing emergency repairs and environmental impacts.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Chris Langemak
Department	Engineering
Type	Sanitary Sewer
Useful Life	50 Years
Category	New construction
Priority	1
Total Project Cost	**$500,000**

Project #	
Project Name	Sanitary Sewer Extensions

Description

The Sanitary Sewer Extension Program is for the extension of sanitary sewer service to areas annexing to the City, that currently do not have sewer service.

Justification/ How does this Increase Service to Residents?

The extension of the sanitary sewers allows the Engineering Department to provide sewer service to areas that annex, or wish to annex, to the City of Waukesha that currently are in the town and have failing septic systems. The cost of the extension projects are assessed to the properties being served by the sewer extension at the time of connection.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-49110	20 yr Revenue Bonds		$ -	$ 500,000	$ -	$ -	$ -	$ 500,000
		Total	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68290-71460	E Broadway Sanitary Sewer Extension		$ -	$ 500,000	$ -	$ -	$ -	$ 500,000
		Total	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

Operational Impact/Other

The extension of sanitary sewers to unserved areas results in a positive operaional impact by providing sanitary sewer service to areas that are currently not served which is not only adding sewer customers, but increasing the general tax base.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Jon Schapekahm
Department	Engineering
Type	Sanitary Sewer
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$1,750,000**

Project #	
Project Name	Sanitary Manhole Rehabilitation

Description

The Sanitary Manhole Rehabilitation Program was first funded in 2011 for the rehabilitation/reconstruction of sanitary manholes in the City of Waukesha. These manholes are either in poor structural condition, have operational issues, or have infiltration/inflow problems that require corrective measures. This is a City-wide program that also coordinates with the street resurfacing program.

Justification/ How does this Increase Service to Residents?

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-49110	20 yr Revenue Bonds		$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 1,750,000
		Total	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 1,750,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68290-71470	Sanitary Manhole Rehabilitation		$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 1,750,000
		Total	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 350,000	$ 1,750,000

Operational Impact/Other

Operational impact will be positive. Rehabilitation work ensures the structural integrity of the manholes, which in turn leads to ensuring the integrity of the associated roadway. This minimizes the possibility of failure / collapse of the structure, which would negatively impact upstream sewer users, and reduces the intrusion of clear water, which leads to energy savings at the WWTP as there is less water to treat.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Chris Langemak/Jon Schapekahm
Department	Engineering
Type	Sanitary Sewer
Useful Life	50 Years
Category	Reconstruction
Priority	1
Total Project Cost	**$18,120,000**

Project #	
Project Name	Sanitary Sewer Rehabilitation

Description

The Sanitary Sewer Rehabilitation Program is for the rehabilitation or reconstruction of sanitary sewers in the City of Waukesha. These sewers are either in poor structural condition, have operational issues, or have infiltration and/or inflow problems that require corrective measures. This is a City-wide program that coordinates with the Street Reconstruction Program and Resurfacing Program, as well as seperate projects. $1,000,000 has been added annually for sewer rehab projects that are unrelated to road reconstruction.

Justification/ How does this Increase Service to Residents?

The rehabilitation of sanitary sewers allows the Engineering Department to rehabilitate/reconstruct sanitary manholes to improve their structural condition, correct operation issues, or reduce excess clear water entering the sanitary sewer system which extends their useful life and reduces operational costs.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-49110	Proceeds of Long-Term Debt		$ 4,970,000	$ 2,900,000	$ 3,300,000	$ 3,300,000	$ 3,650,000	$ 18,120,000
		Total	$ 4,970,000	$ 2,900,000	$ 3,300,000	$ 3,300,000	$ 3,650,000	$ 18,120,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68290-71480	Summit Ave/Delafield St, W. Main St, N. Greenfield Ave, E. Sunset Dr, Tenny Ave		$ 4,970,000	$ -	$ -	$ -	$ -	$ 4,970,000
0603-7399-68290-71480	N. Grand Ave, South St, Prairie Ave, NW Barsatow St, E. Moreland Blvd		$ -	$ 2,900,000	$ -	$ -	$ -	$ 2,900,000
0603-7399-68290-71480	South St, Delafield St, Fairview Ave		$ -	$ -	$ 3,300,000	$ -	$ -	$ 3,300,000
0603-7399-68290-71480	Barstow St, Dunbar Ave, Prospect Ct		$ -	$ -	$ -	$ 3,300,000	$ -	$ 3,300,000
0603-7399-68290-71480	W. Broadway, Gasper St, Arcadian Ave, St Paul Ave, S. Hartwell Ave		$ -	$ -	$ -	$ -	$ 3,650,000	$ 3,650,000
		Total	$ 4,970,000	$ 2,900,000	$ 3,300,000	$ 3,300,000	$ 3,650,000	$ 18,120,000

Operational Impact/Other

Operational impact will be positive. Rehabilitation work ensures the structural integrity of the sanitary system, which in turn leads to ensuring the integrity of the associated roadway. This minimizes the possibility of failure / collapse of the structure, which would negatively impact upstream sewer users, and reduces the intrusion of clear water, which leads to energy savings at the WWTP as there is less water to treat.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Fred Abadi/Paul Day
Department	Public Works-WWTP
Type	Facility Upgrade
Useful Life	20 Years
Category	New Construction
Priority	1
Total Project Cost	**$12,336,000**

Project #	
Project Name	Facility Plan 6-10 Yr Upgrades

Description

The 20 year facility Plan done in 2011 broke the upgrades into four phases. This will be the second of those four (6-10 year phase 2017-21) and includes upgrades to meet low level phosphorus compliance, biogas cogeneration (production of electricity and heat from burning biogas), and further electrical, and grounds improvements. This will be designed and bid as one project just as the current (0-5 Yr upgrades) project. Design and bidding would occur in 2018 with construction taking place in 2019.

Justification/ How does this Increase Service to Residents?

Modernizing the facility increases the efficiency. Biogas cogeneration is projected to power and heat our digestor complex. The Phosphorus upgrade is required by DNR for WPDES Permit compliance. Plans and specs are due in 2018. Construction must begin in 2019, and be complete by March 31st 2020. The electrical and grounds improvements are continued replacement of aged motor control centers and yard piping/hydrants.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-49110	Revenue Bonds		$ -	$ -	$ 997,000	$ 11,339,000	$ -	$ 12,336,000
		Total	$ -	$ -	$ 997,000	$ 11,339,000	$ -	$ 12,336,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68290-71490	Design		$ -	$ -	$ 997,000	$ 997,000	$ -	$ 1,994,000
0603-7399-68290-71490	Construction		$ -	$ -	$ -	$ 10,342,000	$ -	$ 10,342,000
		Total	$ -	$ -	$ 997,000	$ 11,339,000	$ -	$ 12,336,000

Operational Impact/Other

Cogeneration will reduce the amount of gas and electricity purchased. This was not included in the current (0-5 Yr upgrade) project because of the addition of the new digester. The Engineers recomendation was to wait and measure the amount of gas produced from the new digester to properly evaluate the options and size of the cogeneration equipment for maximum efficiency. Low level phosphorus cleans our waterways. The time frame for this project may have to shift forward depending on the Water Utility diversion request. This timetable is based on the compliance schedule in our current permit. Should we finance this project with a Clean Water Fund loan, the funding account would be 0603-7399-49140.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Fred Abadi/Paul Day
Department	Public Works-WWTP
Type	Facility Upgrade
Useful Life	20 Years
Category	Rehabilitation
Priority	1
Total Project Cost	**$750,000**

Project #	
Project Name	Final Clarifier Rehabilitation

Description

The project would rehabilitate the remaining two final effluent clarifiers with refurbished drive units, center support piers, suction headers, scum trays and painting. The condition of these had deteriorated further from the time that the facility plan was done in 2011 to present. Two of the four units are being rehabilitated under the current upgrade project instead of four, due to the cost increase associated with the current condition. Depending on final spending of the current contract contingency, we may be able to include one more unit.

Justification/ How does this Increase Service to Residents?

The upgrade to the infrastructure will assure that our peak capacity is achievable, and we maintain our excellent standards of treatment.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Replacement Fund		$ -	$ 750,000	$ -	$ -	$ -	$ 750,000
		Total	$ -	$ 750,000	$ -	$ -	$ -	$ 750,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	Clarifier Rehab.		$ -	$ 750,000	$ -	$ -	$ -	$ 750,000
		Total	$ -	$ 750,000	$ -	$ -	$ -	$ 750,000

Operational Impact/Other

After the upgrades, maintenance should be limited to minor oil changes for the next ten years. A repaint and evaluation of the drives will be planned for in ten years. If we are able to include one of these units in current project budget, this request would be reduced by 50%.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Fred Abadi/Paul Day
Department	Public Works-WWTP
Type	Equipment Upgrade
Useful Life	10 Years
Category	Replacement
Priority	2
Total Project Cost	**$800,000**

Project #	
Project Name	Primary Influent Pump Replacement

Description

This would replace the five pumps originally installed in 1992. They were rebuilt in 2002, and again in 2013. The cost to rebuild is approximately 40% of new. The parts for these pumps are becoming difficult to get, as this is now an obsolete model. They are essentially made to order and shipped from Germany (up to 6 months for some parts). We need to replace with a current model to be able to obtain parts in a reasonable amount of time.

Justification/ How does this Increase Service to Residents?

The new pumps would be more energy efficient and allow an emergency repair to be done in a much faster time frame (less down time) with a current model.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Replacement Fund	$ -	$ -	$ -	$ -	$ 800,000	$ 800,000
	Total	$ -	$ -	$ -	$ -	$ 800,000	$ 800,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	Primary Influent Pump Repl.	$ -	$ -	$ -	$ -	$ 800,000	$ 800,000
	Total	$ -	$ -	$ -	$ -	$ 800,000	$ 800,000

Operational Impact/Other

Operational costs should decrease with more modern energy efficient motors.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Fred Abadi
Dept. Contact	Katie Jelacic
Department	Engineering
Type	Roofing
Useful Life	15 years
Category	Upgrade
Priority	1
Total Project Cost	**$78,000**

Project #	
Project Name	Transit Center Waterproofing Projects

Description

Waterproof Sealant will be applied to the external panels on the corner Tower panels along St. Paul Avenue. The roof drainage is flowing through the panel joints causing mold and mildew to form on the panels. The roof connection to the Panel system will be upgraded along with the sealant application to prevent this from happening in the future. The ramp to the 2nd level also needs to have a membrane applied to stop water from entering the storage area below.

Justification/ How does this Increase Service to Residents?

Currently Money is budgeted to clean the panels, as we have done in the past. With the proposed project, this maintenance will be able to be stopped. The build up for mold and mildew could penetrate the structure if this design detail is not addressed. The storage area has been repaired and the joints above repaired, but it has begun to leak again. The fixtures will have to replaced again.

Fund-Org.-Object-Project	Funding Sources		FY '16	FY '17	FY '18	FY '19	FY '20	Total
General Revenues	Parking Fees/Fines		$ 78,000	$ -	$ -	$ -	$ -	$ 78,000
		Total	$ 78,000	$ -	$ -	$ -	$ -	$ 78,000

Fund-Org.-Object-Project	Expenditures		FY '16	FY '17	FY '18	FY '19	FY '20	Total
0602-7790-68220	Transit Center Tower Waterproofing Project.		$ 13,000	$ -	$ -	$ -	$ -	$ 13,000
0602-7790-68220	Ramp Membrane Application and Joint sealing		$ 65,000	$ -	$ -	$ -	$ -	$ 65,000
		Total	$ 78,000	$ -	$ -	$ -	$ -	$ 78,000

Operational Impact/Other

Operational impacts will be positive. The risk of mold and mildew will be eliminated on the towers as well as in the storage area.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Nancy Faulk
Dept. Contact	Nancy Faulk
Department	Cemetery
Type	Sidewalks
Useful Life	20 years
Category	Replacement
Priority	1
Total Project Cost	**$20,000**

Project #	
Project Name	Sidewalk Replacement

Description

Cemetery sidewalks are in need of repair. Some of the walkways have dangerous cracks in them which become trip hazards. There are two major areas that are in desperate need of repair, but several areas present a problem. Our demographics consist of mainly seniors, some of whom use mobility aids such as walkers, canes, and wheelchairs to get to their destination. A question to ask ourselves is, "How can we justify the fees we charge to inter a loved one, when we ignore a way to ensure safe access for them?" The amount requested is based on bids that were compiled in 2014 and 2015. The figures reflected are approximate costs, due to the rise in concrete prices.

Justification/ How does this Increase Service to Residents?

Maintaining these sidewalks is a necessary service to our patrons. Improvements to sidewalks show that we take an interest in caring for the safety of our visitors. Cemetery personnel, funeral home staff, and patrons use these sidewalks on a daily basis. It is imperative to keep these sidewalks maintained to high standards, to avoid any danger to our visitors, and to avoid greater expense in the future. Maintained sidewalks contribute to the aesthetic impression and charm of the cemetery. Maintenance standards must be adhered to in order to attract new sales as well. Maintained sidewalks encourage more visitation and greater service to our patrons. Additionally, maintained sidewalks allow cemetery crews to effectively serve the public. They need a stable environment to use their equipment, such as crypt lifts and ladders. A stable environment is also needed as many of the tasks performed at the cemetery are performed without the ability to look at the walkways while they are walking. For example, pall bearers will carry a casket, with a potential weight of 300 to 500 pounds. If one trips with that amount of weight, it could be catastrophic.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-49110	10-Year Debt	$ 16,000	$ -	$ -	$ -	$ -	$ 16,000
0604-7800-42580	CDBG	$ 4,000	$ -	$ -	$ -	$ -	$ 4,000
	Total	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-68290	Sidewalk Replacement	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
	Total	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000

Operational Impact/Other

Maintained sidewalks are an extremely vital component to operations at a cemetery.

City of Waukesha, Wisconsin

5 Year Capital Improvement Plan
2016-2020

Dept. Head	Nancy Faulk
Dept. Contact	Nancy Faulk
Department	Cemetery
Type	Roads
Useful Life	20 years
Category	Patching and Crack filling
Priority	1
Total Project Cost	**$25,400**

Project #	
Project Name	Patching and Crack-Filling Cemetery Roads

Description

Cemetery roads are in need of patch work and crack-filling. An estimate was done by Alex Damien of Engineering in 2014. His estimate to patch the critical areas of the cemetery was $7,000, and to crack-fill all the roads would be $11,000. A more recent estimate revealed that the patchwork would now be $8,800 and crack-filling $16,600. According to Alex Damien from the Engineering Department, any postponement to this project will only result in higher costs in the future. We would like to take a proactive approach to preventative maintenance.

Justification/ How does this Increase Service to Residents?

Cemetery personnel, funeral homes personnel and visitors travel these roads on a daily basis. It is important to keep these roads patched and crack-filled to avoid greater expense in the future. Maintained roads encourage more visitors, more sales and give greater service to regular patrons. This is especially important during the winter season, when active plowing is essential to serve our patrons.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-49110	10-Year Long-Term Debt	$ 25,400	$ -	$ -	$ -	$ -	$ 25,400
	Total	$ 25,400	$ -	$ -	$ -	$ -	$ 25,400

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-68290	Patching & Crack-Filling Cemetery Roads	$ 25,400	$ -	$ -	$ -	$ -	$ 25,400
	Total	$ 25,400	$ -	$ -	$ -	$ -	$ 25,400

Operational Impact/Other

Patrons who travel to the cemetery deserve decent roads to drive on. Holes, cracks and craters not only create a nuisance, but could potentially result in costly repairs for customer and City vehicles.

Equipment by Year

Department	Project Name	2016	2017	2018	2019	2020	Total
	Governmental Funds:						
Info. Technology	Server Replacement	$ 190,583	$ 310,000	$ 146,000	$ 141,000	$ 220,000	$ 1,007,583
	Communications and Cabling	105,700	91,000	91,000	91,000	91,000	469,700
	Workstation Replacements	56,690	110,000	100,000	99,000	115,000	480,690
	Infrastructure/Power Pro	58,000	8,000	15,000	31,000	3,000	115,000
	Software & Licensing	109,898	80,000	80,000	80,000	90,000	439,898
	Microsoft Office Upgrade	159,000	-	-	-	159,000	318,000
	Fiber Optic Maintenance	15,000	15,000	15,000	15,000	15,000	75,000
	Information Technology	**$ 694,871**	**$ 614,000**	**$ 447,000**	**$ 457,000**	**$ 693,000**	**$ 2,905,871**
Clerk/Treasurer	Election Equipment	$ 55,267	$ -	$ -	$ -	$ -	$ 55,267
	Clerk/Treasurer	**$ 55,267**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 55,267**
Police	Squad Camera Storage	$ 210,000	$ -	$ -	$ -	$ -	$ 210,000
	Dispatch Telephone System	-	187,358	-	-	-	187,358
	Dispatch Recording System	-	32,600	-	-	-	32,600
	Crime Scene Hardware/Software	90,252	-	-	-	-	90,252
	Squad Cameras	30,275	-	-	-	-	30,275
	OptiCop Camera	11,700					11,700
	Police	**$ 342,227**	**$ 219,958**	**$ -**	**$ -**	**$ -**	**$ 562,185**
Park, Rec & Forestry	Keyless Entry	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000
	Granicus Addition	-	20,000	-	-	-	20,000
	SD Scorecard Software	30,000	-	-	-	-	30,000
	PRF	**$ 30,000**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ 80,000**
Library	Replacement Shelving	14,082	-	-	-	-	14,082
	Microfilm Replacement	19,000	-	-	-	-	19,000
	Replacement Furniture	-	66,909	-	-	-	66,909
	Children Early Literacy Computers	26,000	-	-	-	-	26,000
	Library Technology	45,800	45,800	45,800	45,800	45,800	229,000
	Library	**$ 104,882**	**$ 112,709**	**$ 45,800**	**$ 45,800**	**$ 45,800**	**$ 354,991**
Fire	SCBA Cylinder Replacement	$ 27,300	$ -	$ -	$ -	$ -	$ 27,300
	SCBA Replacement	-	250,000	250,000	250,000	-	750,000
	Narcotic Knox Box	11,450	-	-	-	-	11,450
	Ruggedized Computer (MDC) Replace.	48,000	-	-	-	-	48,000
	Ambulance Computer (MDC) Replace.	-	-	55,000	-	-	55,000
	Knox Box Replacement	25,000	-	-	-	-	25,000
	EMS Cot Rebuild	19,000	-	10,000	-	-	29,000
	CPR Chest Compression Device	30,000	32,000	33,500	17,500	-	113,000
	800 mhz Radio Programming	13,000	-	-	-	-	13,000
	City-Wide Radio Replacement	-	-	-	-	600,000	600,000
	Station #4 Door Security	-	15,000	-	-	-	15,000
	Station #1 Camera Replacement	-	25,000	-	-	30,000	55,000
	CPAP System	-	21,000	-	-	-	21,000
	AED Replacement	-	25,000	-	-	-	25,000
	Kronos Scheduling Software	-	75,000	-	-	-	75,000
	Station Alerting System	-	379,000	-	-	-	379,000
	Fire Supression Equipment	-	-	-	60,000	-	60,000
	Training Room Update (Technology)	-	-	-	-	20,000	20,000
	Breathing Air Compressor	-	-	-	-	60,000	60,000
	Fire Department	**$ 173,750**	**$ 822,000**	**$ 348,500**	**$ 327,500**	**$ 710,000**	**$ 2,381,750**
	Governmental Funds Total	**$1,400,997**	**$1,818,667**	**$841,300**	**$830,300**	**$1,448,800**	**$6,340,064**

Equipment by Year

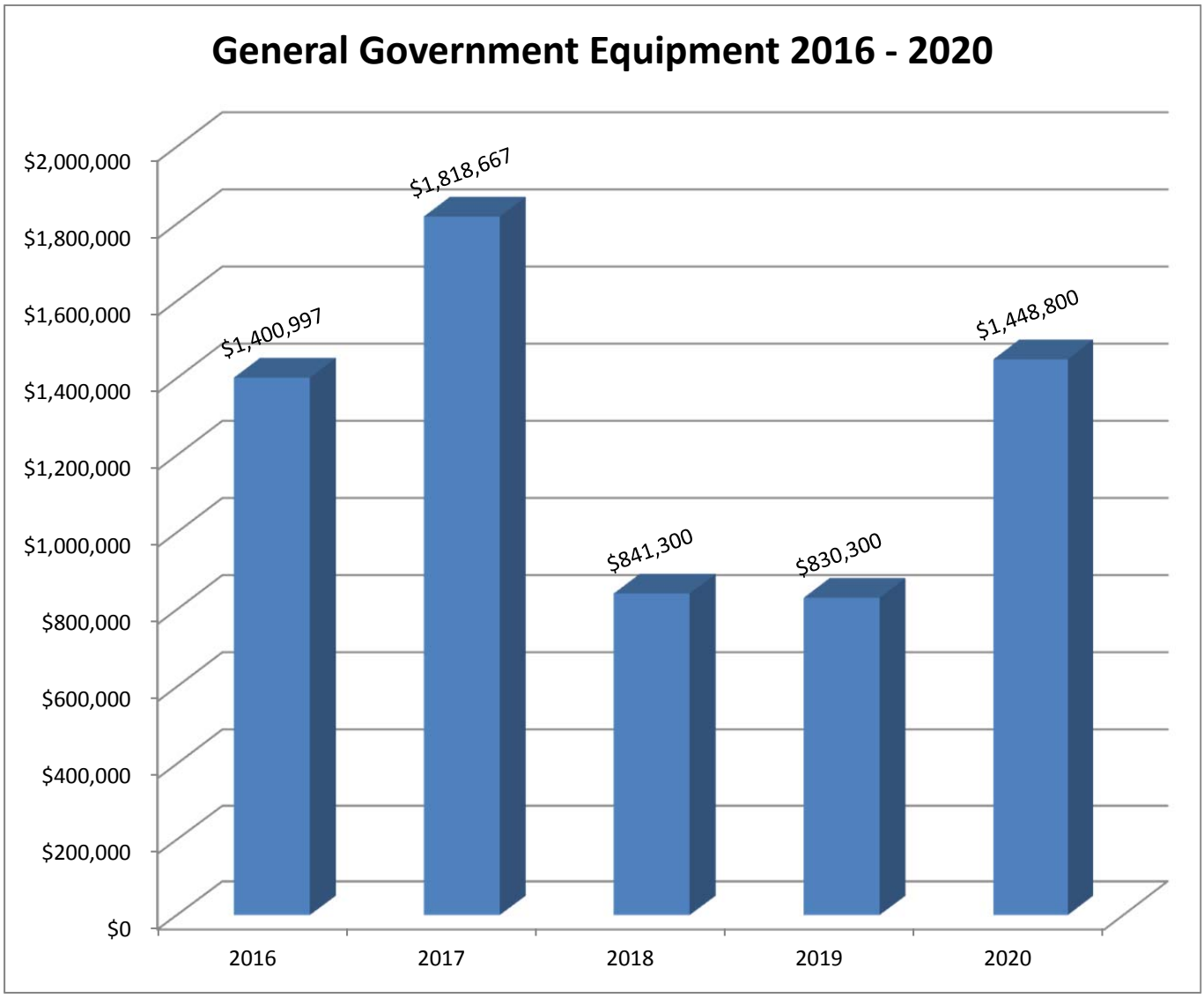
Department	Project Name	2016	2017	2018	2019	2020	Total
	Enterprise Funds:						
WWTP	20 Ft. Truck Crane	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000
	400 Building VFD's	10,000	-	-	-	-	10,000
	240 Building Scum Pump	-	16,500	-	-	-	16,500
	Stormwater Station Pumps	-	-	40,000	-	-	40,000
	72" Zero Turn Mower	-	-	-	-	19,000	19,000
	60" Zero Turn Mower	-	-	-	-	13,000	13,000
	2 ATV Vehicles (Mules)	-	-	-	-	28,000	28,000
	Wastewater Total	**$ 45,000**	**$ 16,500**	**$ 40,000**	**$ -**	**$ 60,000**	**$ 161,500**
Print Shop	Printer Replacements	$ 79,100	$ 54,000	$ 54,000	$ 36,000	$ 43,000	$ 266,100
	Print Shop Total	**$ 79,100**	**$ 54,000**	**$ 54,000**	**$ 36,000**	**$ 43,000**	**$ 266,100**
	Enterprise Fund Total	**$ 124,100**	**$ 70,500**	**$ 94,000**	**$ 36,000**	**$ 103,000**	**$ 427,600**
	Grand Total Equipment	**$ 1,525,097**	**$ 1,889,167**	**$ 935,300**	**$ 866,300**	**$ 1,551,800**	**$ 6,767,664**

Equipment Replacement Projects 2016-2020

Equipment Replacement Projects typically consist of major technology items, sidewalk/trail repair, mowers, communications equipment and similar items.

Many of the items are funded through the City's State of Wisconsin Shared Revenue payment or short term (10-year) debt. Some of the items are funded through operating funds within each department.

In addition, to the Finance Committee and Common Council review, the City's Information Technology Board (ITB) reviews requests that impact our Information Technology Infrastructure. The ITB Board provides a list of recommendations for technology related projects to the City Administrator as part of the annual Capital Improvement Plan Process.



City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Server / Server Software and Storage
Addition or Replacement:	Replacement/Citrix upgrade

Initial Cost	$ 190,583
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 190,583
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 190,583

Justification for Equipment Replacement Fund Expenditure

The Police Department has requested IT replace the Phoenix CAD911, Phoenix RMS, Phoenix Database Server, PD WIJIS, and PD Opti-Cop servers to increase performance. Munis 1 and Munis 2 are being replaced by IT due to the age of the servers (7 years old). These servers are used in the City virtual environment and host many virtual servers. Citrix runs the entire City of Waukesha application environment. Citrix licensing needs to be increased to support mobile device management. The licensing will also give additional functionality. Server purchases include 24x7x365 3 -year coverage. Citrix maintenance will increase $7,000/year. The cost of additional Citrix maintenance would be reflected in the software maintenance (Account 1916) for 2017.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 190,583	$ -	$ -	$ -	$ -	$ 190,583
	Total	$ 190,583	$ -	$ -	$ -	$ -	$ 190,583

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	Phoenix CAD911 Server	$ 12,000	$ -	$ -	$ -	$ -	$ 12,000
0400-1917-68160-81201	Phoenix RMS Server	$ 12,000	$ -	$ -	$ -	$ -	$ 12,000
0400-1917-68160-81201	Phoenix DB Server	$ 14,000	$ -	$ -	$ -	$ -	$ 14,000
0400-1917-68160-81201	PD Wijis Server	$ 8,000	$ -	$ -	$ -	$ -	$ 8,000
0400-1917-68160-81201	PD Interview Server	$ 8,000	$ -	$ -	$ -	$ -	$ 8,000
0400-1917-68160-81201	Munis -1 Server	$ 16,000	$ -	$ -	$ -	$ -	$ 16,000
0400-1917-68160-81201	Munis-2 Server	$ 16,000	$ -	$ -	$ -	$ -	$ 16,000
0400-1917-68160-81201	Opti-Cop Server	$ 12,000	$ -	$ -	$ -	$ -	$ 12,000
0400-1917-68160-81201	Citrix Workspace	$ 86,000	$ -	$ -	$ -	$ -	$ 86,000
0400-1917-68160-81201	PD CFU server	$ 6,583	$ -	$ -	$ -	$ -	$ 6,583
	Total	$ 190,583	$ -	$ -	$ -	$ -	$ 190,583

How will this improve our service level and efficiency?

As technology changes it places new demands on these servers which in many cases causes them to become slow, inefficient, buggy or unreliable. Unstable or poor performing servers are not only inefficient, they can cause large production issues that can slow or even stop daily tasks from being completed.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Server / Server Software and Storage
Addition or Replacement:	Replacement/Citrix upgrade

Initial Cost	$ 310,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 310,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 310,000

Justification for Equipment Replacement Fund Expenditure

The Network Servers being scheduled for replacement are 5 years or older, with performance beginning to become unacceptable. Additional costs include required licensing due to growth or new business or technology requirements. Storage is scheduled due to expansion, again part of a legal or business need to keep data.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 310,000	$ -	$ -	$ -	$ 310,000
	Total	$ -	$ 310,000	$ -	$ -	$ -	$ 310,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	Citrix Server 1	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 2	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 3	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 4	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 5	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 6	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 7	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 8	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 9	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Citrix Server 10	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81201	Additional Storage	$ -	$ 160,000	$ -	$ -	$ -	$ 160,000
	Total	$ -	$ 310,000	$ -	$ -	$ -	$ 310,000

How will this improve our service level and efficiency?

As technology changes it places new demands on these servers which in many cases causes them to become slow, inefficient, buggy or unreliable. Unstable or poor performing servers are not only inefficient, they can cause large production issues that can slow or even stop daily tasks from being completed.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Server / Server Software and Storage
Addition or Replacement:	Replacement/Citrix upgrade

Initial Cost	$ 146,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 146,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 146,000

Justification for Equipment Replacement Fund Expenditure

The Network Servers being scheduled for replacement are 3-5 years old, with performance beginning to become unacceptable. Additional costs include required licensing due to growth or new business or technology requirements. Storage is scheduled due to expansion, again part of a legal or business need to keep data.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ 146,000	$ -	$ -	$ 146,000
	Total	$ -	$ -	$ 146,000	$ -	$ -	$ 146,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	Servers, Server Software and SAN	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
0400-1917-68160-81201	PD-Arbitrator	$ -	$ -	$ 10,000	$ -	$ -	$ 10,000
0400-1917-68160-81201	NVIDIA Server-1	$ -	$ -	$ 18,000	$ -	$ -	$ 18,000
0400-1917-68160-81201	NVIDIA Server-2	$ -	$ -	$ 18,000	$ -	$ -	$ 18,000
	Total	$ -	$ -	$ 146,000	$ -	$ -	$ 146,000

How will this improve our service level and efficiency?

As technology changes it places new demands on these servers which in many cases causes them to become slow, inefficient, buggy or unreliable. Unstable or poor performing servers are not only inefficient, they can cause large production issues that can slow or even stop daily tasks from being completed.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Server / Server Software and Storage
Addition or Replacement:	Replacement/Citrix upgrade

Initial Cost	$ 141,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 141,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 141,000

Justification for Equipment Replacement Fund Expenditure

The Network Servers being scheduled for replacement are 3-5 years or older, with performance beginning to become unacceptable. Additional costs include required licensing due to growth or new business or technology requirements. Storage is scheduled due to expansion, again part of a legal or business need to keep data.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ 141,000	$ -	$ 141,000
	Total	$ -	$ -	$ -	$ 141,000	$ -	$ 141,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	Server Software	$ -	$ -	$ -	$ 100,000	$ -	$ 100,000
0400-1917-68160-81201	Phoenix CAD911 Server	$ -	$ -	$ -	$ 15,000	$ -	$ 15,000
0400-1917-68160-81201	Phoenix RMS Server	$ -	$ -	$ -	$ 12,000	$ -	$ 12,000
0400-1917-68160-81201	Phoenix DB Server	$ -	$ -	$ -	$ 14,000	$ -	$ 14,000
	Total	$ -	$ -	$ -	$ 141,000	$ -	$ 141,000

How will this improve our service level and efficiency?

As technology changes it places new demands on these servers which in many cases causes them to become slow, inefficient, buggy or unreliable. Unstable or poor performing servers are not only inefficient, they can cause large production issues that can slow or even stop daily tasks from being completed.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Server / Server Software and Storage
Addition or Replacement:	Replacement/Citrix upgrade

Initial Cost	$ 220,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 220,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 220,000

Justification for Equipment Replacement Fund Expenditure

The Network Servers being scheduled for replacement are 5 years or older, with performance beginning to become unacceptable and limited growth potential. Additional costs include required licensing due to growth or new business or technology requirements.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ 220,000	$ 220,000
	Total	$ -	$ -	$ -	$ -	$ 220,000	$ 220,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	Server Software	$ -	$ -	$ -	$ -	$ 100,000	$ 100,000
0400-1917-68160-81201	VMWare 1	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
0400-1917-68160-81201	VMWare 2	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
0400-1917-68160-81201	VMWare 3	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
0400-1917-68160-81201	VMWare 4	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
0400-1917-68160-81201	VMWare 5	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
0400-1917-68160-81201	VMWare 6	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
	Total	$ -	$ -	$ -	$ -	$ 220,000	$ 220,000

How will this improve our service level and efficiency?

As technology changes it places new demands on these servers which in many cases causes them to become slow, inefficient, buggy or unreliable. Unstable or poor performing servers are not only inefficient, they can cause large production issues that can slow or even stop daily tasks from being completed.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Communications and Cabling
Addition or Replacement:	Additions and replacements

Initial Cost	$ 105,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 6,700
Cost Over 5 years	$ 33,500
TOTAL	$ 139,200
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 105,700

Justification for Equipment Replacement Fund Expenditure

The communications and cabling project account includes all replacements of core infrastructure hardware used to run City department data communications needs. All switches, firewalls and access points are being replaced due to incompatibility and obsolescence. Mitel phones are being added to conference rooms that currently do not have a phone. Cabling is needed to maintain existing communications needs, as well as new needs that come up throughout the year.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 105,700	$ -	$ -	$ -	$ -	$ 105,700
	Total	$ 105,700	$ -	$ -	$ -	$ -	$ 105,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81202	(2) switches w/fiber modules (PD)	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
0400-1917-68160-81202	(2) switches (FD)	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
0400-1917-68160-81202	(2) firewalls	$ 40,000	$ -	$ -	$ -	$ -	$ 40,000
0400-1917-68160-81202	(15) Wireless Access Points (LB/FD)	$ 15,000	$ -	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81202	Mitel UC 360 conferencing phones	$ 3,700	$ -	$ -	$ -	$ -	$ 3,700
0400-1917-68160-81202	City-wide cabling maintenance	$ 17,000	$ -	$ -	$ -	$ -	$ 17,000
	Total	$ 105,700	$ -	$ -	$ -	$ -	$ 105,700

How will this improve our service level and efficiency?

A healthy infrastructure is the backbone of the network which keeps people working efficiently. As infrastructure ages it needs maintenance and in some cases replacement. Failure to do so will have a negative impact on day-to-day operations and ultimately how we service the public.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Communications and Cabling
Addition or Replacement:	Additions and replacements

Initial Cost	$ 91,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 91,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 91,000

Justification for Equipment Replacement Fund Expenditure

The communications and cabling project account includes all replacements of core infrastructure hardware used to run City department data communications needs. These replacements would include switches, Coarse Wave Division Multiplexing equipment used to communicate with other government agencies, internet firewalls, internal City routers and data cabling that connects building and/or local PC's to the network. The typical life of a switch depends upon demand being placed upon it, with 5 years being a typical life span -though it can be shorter if data demands grow quickly.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 91,000	$ -	$ -	$ -	$ 91,000
	Total	$ -	$ 91,000	$ -	$ -	$ -	$ 91,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81202	Infrastructure	$ -	$ 91,000	$ -	$ -	$ -	$ 91,000
	Total	$ -	$ 91,000	$ -	$ -	$ -	$ 91,000

How will this improve our service level and efficiency?

A healthy infrastructure is the backbone of the network which keeps people working efficiently. As infrastructure ages it needs maintenance and in some cases replacement. Failure to do so will have a negative impact on day-to-day operations and ultimately how we service the public.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Communications and Cabling
Addition or Replacement:	Additions and replacements

Initial Cost	$ 91,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 91,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 91,000

Justification for Equipment Replacement Fund Expenditure

The communications and cabling project account includes all replacements of core infrastructure hardware used to run City department data communications needs. These replacements would include switches, Coarse Wave Division Multiplexing equipment used to communicate with other government agencies, internet firewalls, internal City routers and data cabling that connects building and/or local PC's to the network. The typical life of a switch depends upon demand being placed upon it, with 5 years being a typical life span -though it can be shorter if data demands grow quickly.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ 91,000	$ -	$ -	$ 91,000
	Total	$ -	$ -	$ 91,000	$ -	$ -	$ 91,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81202	Infrastructure	$ -	$ -	$ 91,000	$ -	$ -	$ 91,000
	Total	$ -	$ -	$ 91,000	$ -	$ -	$ 91,000

How will this improve our service level and efficiency?

A healthy infrastructure is the backbone of the network which keeps people working efficiently. As infrastructure ages it needs maintenance and in some cases replacement. Failure to do so will have a negative impact on day-to-day operations and ultimately how we service the public.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Communications and Cabling
Addition or Replacement:	Additions and replacements

Initial Cost	$ 91,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 91,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 91,000

Justification for Equipment Replacement Fund Expenditure

The communications and cabling project account includes all replacements of core infrastructure hardware used to run City department data communications needs. These replacements would include switches, Coarse Wave Division Multiplexing equipment used to communicate with other government agencies, internet firewalls, internal City routers and data cabling that connects building and/or local PC's to the network. The typical life of a switch depends upon demand being placed upon it, with 5 years being a typical life span -though it can be shorter if data demands grow quickly.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ 91,000	$ -	$ 91,000
	Total	$ -	$ -	$ -	$ 91,000	$ -	$ 91,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81202	Infrastructure	$ -	$ -	$ -	$ 91,000	$ -	$ 91,000
	Total	$ -	$ -	$ -	$ 91,000	$ -	$ 91,000

How will this improve our service level and efficiency?

A healthy infrastructure is the backbone of the network which keeps people working efficiently. As infrastructure ages it needs maintenance and in some cases replacement. Failure to do so will have a negative impact on day-to-day operations and ultimately how we service the public.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Communications and Cabling
Addition or Replacement:	Additions and replacements

Initial Cost	$ 91,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 91,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 91,000

Justification for Equipment Replacement Fund Expenditure

The communications and cabling project account includes all replacements of core infrastructure hardware used to run City department data communications needs. These replacements would include switches, Coarse Wave Division Multiplexing equipment used to communicate with other government agencies, internet firewalls, internal City routers and data cabling that connects building and/or local PC's to the network. The typical life of a switch depends upon demand being placed upon it, with 5 years being a typical life span -though it can be shorter if data demands grow quickly.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ 91,000	$ 91,000
	Total	$ -	$ -	$ -	$ -	$ 91,000	$ 91,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81202	Infrastructure	$ -	$ -	$ -	$ -	$ 91,000	$ 91,000
	Total	$ -	$ -	$ -	$ -	$ 91,000	$ 91,000

How will this improve our service level and efficiency?

A healthy infrastructure is the backbone of the network which keeps people working efficiently. As infrastructure ages it needs maintenance and in some cases replacement. Failure to do so will have a negative impact on day-to-day operations and ultimately how we service the public.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Greg Vanness
Dept. Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	PC/Notebook and Peripheral Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 56,690
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 56,690
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 56,690

Justification for Equipment Replacement Fund Expenditure

The PC and notebook replacements scheduled for this year, replaces equipment older than 5 years and causing compatibility issues. Some replacements, as with the Fire Department, are being requested by the department themselves to replace aged, slow or failing equipment. Other equipment listed, such as keyboards, monitors and the Dome camera are spares, and will be used to replace problematic equipment during the year. Per Police Department request #5, additional MS Surface Pro 3 devices are being added to the fleet.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 56,690	$ -	$ -	$ -	$ -	$ 56,690
	Total	$ 56,690	$ -	$ -	$ -	$ -	$ 56,690

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81203	(8) Clerks Office PCs	$ 4,800	$ -	$ -	$ -	$ -	$ 4,800
0400-1917-68160-81203	(4) Fire Department PCs	$ 2,400	$ -	$ -	$ -	$ -	$ 2,400
0400-1917-68160-81203	(1) Park Rec PC	$ 600	$ -	$ -	$ -	$ -	$ 600
0400-1917-68160-81203	(13) Police PCs	$ 7,800	$ -	$ -	$ -	$ -	$ 7,800
0400-1917-68160-81203	(1) Finance notebook	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
0400-1917-68160-81203	(2) Engineering notebooks	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
0400-1917-68160-81203	(4) Fire Dept. notebooks	$ 6,000	$ -	$ -	$ -	$ -	$ 6,000
0400-1917-68160-81203	(5) Park Rec notebooks	$ 7,500	$ -	$ -	$ -	$ -	$ 7,500
0400-1917-68160-81203	(5) WWTP notebooks	$ 7,500	$ -	$ -	$ -	$ -	$ 7,500
0400-1917-68160-81203	(1) City Garage notebook	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
0400-1917-68160-81203	(5) WDA's for Detective Bureau (Includes protective case)	$ 6,500	$ -	$ -	$ -	$ -	$ 6,500
0400-1917-68160-81203	(1) Police notebook	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
0400-1917-68160-81203	(1) Panasonic WV-CS584 PTZ Dome camera (TV25)	$ 1,090	$ -	$ -	$ -	$ -	$ 1,090
0400-1917-68160-81203	(20) Keyboard replacements	$ 500	$ -	$ -	$ -	$ -	$ 500
0400-1917-68160-81203	(5) monitors IT	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
0400-1917-68160-81203	(10) monitor spares	$ 2,000	$ -	$ -	$ -	$ -	$ 2,000
0400-1917-68160-81203	(1) MuniCourt notebook	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
	Total	$ 56,690	$ -	$ -	$ -	$ -	$ 56,690

How will this improve our service level and efficiency?

PC and notebook replacements are critical in producing and providing key information in a timely fashion, which in turn is helping drive better decision making throughout the organization.

CITY OF WAUKESHA, WISCONSIN

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Greg Vanness
Dept. Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	PC/Notebook and Peripheral Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 110,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 110,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 110,000

Justification for Equipment Replacement Fund Expenditure

The PC and notebook replacements scheduled for this year are for Protective Services (Police and Fire), and are on a 3-year replacement schedule. This equipment is being replaced due to age, which is causing incompatibility and slowness.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 110,000	$ -	$ -	$ -	$ 110,000
	Total	$ -	$ 110,000	$ -	$ -	$ -	$ 110,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81203	Peripheral Replacements	$ -	$ 40,000	$ -	$ -	$ -	$ 40,000
0400-1917-68160-81203	PC Replacements	$ -	$ 70,000	$ -	$ -	$ -	$ 70,000
	Total	$ -	$ 110,000	$ -	$ -	$ -	$ 110,000

How will this improve our service level and efficiency?

PC and notebook replacements are critical in producing and providing key information in a timely fashion, which in turn is helping drive better decision making throughout the organization.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Greg Vanness
Dept. Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	PC/Notebook and Peripheral Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 100,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 100,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 100,000

Justification for Equipment Replacement Fund Expenditure

The PC and notebook replacements scheduled for this year are for equipment that is 5 or more years old. This equipment is being replaced due to age, which is causing incompatibility issues. For 2018, this will begin the first half of the non-protective services PC Replacements.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
	Total	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81203	Peripheral Replacements	$ -	$ -	$ 40,000	$ -	$ -	$ 40,000
0400-1917-68160-81203	PC Replacements	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000
	Total	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000

How will this improve our service level and efficiency?

PC and notebook replacements are critical in producing and providing key information in a timely fashion, which in turn is helping drive better decision making throughout the organization.

CITY OF WAUKESHA, WISCONSIN

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Greg Vanness
Dept. Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	PC/Notebook and Peripheral Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 99,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 99,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 99,000

Justification for Equipment Replacement Fund Expenditure

The PC and notebook replacements scheduled for this year are for older existing equipment that is 5 or more years old. This equipment is being replaced due to age, which is causing incompatibility issues. For 2019, this will begin the second half of the non-protective services PC Replacements.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ 99,000	$ -	$ 99,000
	Total	$ -	$ -	$ -	$ 99,000	$ -	$ 99,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81203	Peripheral Replacements	$ -	$ -	$ -	$ 45,000	$ -	$ 45,000
0400-1917-68160-81203	PC Replacements	$ -	$ -	$ -	$ 54,000	$ -	$ 54,000
	Total	$ -	$ -	$ -	$ 99,000	$ -	$ 99,000

How will this improve our service level and efficiency?

PC and notebook replacements are critical in producing and providing key information in a timely fashion, which in turn is helping drive better decision making throughout the organization.

CITY OF WAUKESHA, WISCONSIN

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Greg Vanness
Dept. Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	PC/Notebook and Peripheral Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 115,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 115,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 115,000

Justification for Equipment Replacement Fund Expenditure

The PC and notebook replacements scheduled for this year are for Protective Services (Police and Fire), and are on a 3-year replacement schedule. This equipment is being replaced due to age, which is causing incompatibility and slowness.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ 115,000	$ 115,000
	Total	$ -	$ -	$ -	$ -	$ 115,000	$ 115,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81203	Peripheral Replacements	$ -	$ -	$ -	$ -	$ 45,000	$ 45,000
0400-1917-68160-81203	PC Replacements	$ -	$ -	$ -	$ -	$ 70,000	$ 70,000
	Total	$ -	$ -	$ -	$ -	$ 115,000	$ 115,000

How will this improve our service level and efficiency?

PC and notebook replacements are critical in producing and providing key information in a timely fashion, which in turn is helping drive better decision making throughout the organization.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Infrastructure Power Protection
Addition or Replacement:	Replacement
Initial Cost	$ 58,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 9,000
Cost Over 5 years	$ 45,000
TOTAL	$ 103,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 58,000

Justification for Equipment Replacement Fund Expenditure

This equipment is used to protect critical infrastructure switches in data closets throughout the organization. UPS devices that are being replaced are at least 5 years old. At this age the internal batteries begin to fail with the potential for the batteries to corrode or explode.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 58,000	$ -	$ -	$ -	$ -	$ 58,000
	Total	$ 58,000	$ -	$ -	$ -	$ -	$ 58,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81205	QTY(5) Liebert GXT4 UPS (1 + Battery Pack)	$ 15,000	$ -	$ -	$ -	$ -	$ 15,000
0400-1917-68160-81205	PD Nfinity UPS replacement	$ 43,000	$ -	$ -	$ -	$ -	$ 43,000
	Total	$ 58,000	$ -	$ -	$ -	$ -	$ 58,000

How will this improve our service level and efficiency?

UPS devices are critical in protecting valuable City assets, keeping the City network operating optimally. Typically equipment damaged without a UPS is worth 3x the amount of the UPS itself.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Infrastructure Power Protection
Addition or Replacement:	Replacement

Initial Cost	$ 8,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 13,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 8,000

Justification for Equipment Replacement Fund Expenditure

This equipment is used to protect critical infrastructure switches in data closets throughout the organization. UPS devices that are being replaced are at least 5 years old. At this age the internal batteries begin to fail with the potential for the batteries to corrode or explode.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 8,000	$ -	$ -	$ -	$ 8,000
	Total	$ -	$ 8,000	$ -	$ -	$ -	$ 8,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81205	City Hall 1st floor UPS replacement	$ -	$ 3,500	$ -	$ -	$ -	$ 3,500
0400-1917-68160-81205	City Hall 2nd Floor UPS replacement	$ -	$ 3,500	$ -	$ -	$ -	$ 3,500
0400-1917-68160-81205	Misc. powerstrips and small UPS devices	$ -	$ 1,000	$ -	$ -	$ -	$ 1,000
	Total	$ -	$ 8,000	$ -	$ -	$ -	$ 8,000

How will this improve our service level and efficiency?

UPS devices are critical in protecting valuable City assets, keeping the City network operating optimally. Typically equipment damaged without a UPS is worth 3x the amount of the UPS itself.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Infrastructure Power Protection
Addition or Replacement:	Replacement

Initial Cost	$ 15,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 3,000
Cost Over 5 years	$ 15,000
TOTAL	$ 30,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 15,000

Justification for Equipment Replacement Fund Expenditure

This equipment is used to protect critical infrastructure switches in data closets throughout the organization. UPS devices that are being replaced are at least 5 years old. At this age the internal batteries begin to fail with the potential for the batteries to corrode or explode.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000
	Total	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81205	Fire St 1 UPS replacement	$ -	$ -	$ 3,500	$ -	$ -	$ 3,500
0400-1917-68160-81205	Fire St 2 UPS replacement	$ -	$ -	$ 3,500	$ -	$ -	$ 3,500
0400-1917-68160-81205	Fire St 4 UPS replacement	$ -	$ -	$ 7,000	$ -	$ -	$ 7,000
0400-1917-68160-81205	Misc small UPS devices	$ -	$ -	$ 1,000	$ -	$ -	$ 1,000
	Total	$ -	$ -	$ 15,000	$ -	$ -	$ 15,000

How will this improve our service level and efficiency?

UPS devices are critical in protecting valuable City assets, keeping the City network operating optimally. Typically equipment damaged without a UPS is worth 3x the amount of the UPS itself.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Infrastructure Power Protection
Addition or Replacement:	Replacement

Initial Cost	$ 31,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 7,000
Cost Over 5 years	$ 35,000
TOTAL	$ 66,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 31,000

Justification for Equipment Replacement Fund Expenditure

This equipment is used to protect critical infrastructure switches in data closets throughout the organization. UPS devices that are being replaced are at least 5 years old. At this age the internal batteries begin to fail with the potential for the batteries to corrode or explode.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ 31,000	$ -	$ 31,000
	Total	$ -	$ -	$ -	$ 31,000	$ -	$ 31,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81205	Engineering UPS replacement	$ -	$ -	$ -	$ 3,500	$ -	$ 3,500
0400-1917-68160-81205	PD Dispatch UPS replacement	$ -	$ -	$ -	$ 12,000	$ -	$ 12,000
0400-1917-68160-81205	IT Dept VoIP UPS replacement	$ -	$ -	$ -	$ 3,500	$ -	$ 3,500
0400-1917-68160-81205	WWTP UPS replacement	$ -	$ -	$ -	$ 12,000	$ -	$ 12,000
	Total	$ -	$ -	$ -	$ 31,000	$ -	$ 31,000

How will this improve our service level and efficiency?

UPS devices are critical in protecting valuable City assets, keeping the City network operating optimally. Typically equipment damaged without a UPS is worth 3x the amount of the UPS itself.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Infrastructure Power Protection
Addition or Replacement:	Replacement

Initial Cost	$ 3,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 300
Cost Over 5 years	$ 1,500
TOTAL	$ 4,500
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 3,000

Justification for Equipment Replacement Fund Expenditure

This equipment is used to protect critical infrastructure switches in data closets throughout the organization. UPS devices that are being replaced are at least 5 years old. At this age the internal batteries begin to fail with the potential for the batteries to corrode or explode.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ 3,000	$ 3,000
	Total	$ -	$ -	$ -	$ -	$ 3,000	$ 3,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81205	QTY(1) Liebert GXT3 UPS (1 + Battery Pack)	$ -	$ -	$ -	$ -	$ 3,000	$ 3,000
	Total	$ -	$ -	$ -	$ -	$ 3,000	$ 3,000

How will this improve our service level and efficiency?

UPS devices are critical in protecting valuable City assets, keeping the City network operating optimally. Typically equipment damaged without a UPS is worth 3x the amount of the UPS itself.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Software and Licensing
Addition or Replacement:	Upgrade/Enhancements
Initial Cost	$ 109,898
Anticipated Annual Maintenance Cost/Cost of Operation	$ 14,500
Cost Over 5 years	$ 72,500
TOTAL	$ 182,398
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 109,898

Justification for Equipment Replacement Fund Expenditure

The small software account is used for licensing and/or new product purchases. As an example, in 2015 many requests came in from departments for Microsoft Project. This account was used to pay for the requested software. VMWare licensing will be needed if the PD decides to virtualize their Phoenix servers. The Mitel Skype cost is to allow integration with Skype for Business. Skype for Business is a communication and collaboration tool that also integrates with Outlook. This purchase would standardize the application toolset and be integrated into an already in-place communications systems. Varonis is a tool used for auditing and compliance reporting. This upgrade will extend the functionality into Office 365. This was a direct request from our auditors and cited as a weakness. Datacenter Server is needed for server license requirements for our VMWare hosts. The Police Department has requested the following items to maintain the Forensics (FRED) system: Evidence Finder, Lantern, Encase, Cellbrite, and FTK licensing. In addition, the PD is also requesting additional licensing for Pro Phoenix and NetMotion.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 109,898	$ -	$ -	$ -	$ -	$ 109,898
	Total	$ 109,898	$ -	$ -	$ -	$ -	$ 109,898

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81204	VMWare Licensing (6)	$ 6,000	$ -	$ -	$ -	$ -	$ 6,000
0400-1917-68160-81204	Mitel Skype	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
0400-1917-68160-81204	ProPhoenix WDA License	$ 9,750	$ -	$ -	$ -	$ -	$ 9,750
0400-1917-68160-81204	NetMotion License	$ 1,375	$ -	$ -	$ -	$ -	$ 1,375
0400-1917-68160-81204	Varonis Data Privilege	$ 20,000	$ -	$ -	$ -	$ -	$ 20,000
0400-1917-68160-81204	Microsoft Data Center Licensing for server 2012 (10 @ 5,500)	$ 55,000	$ -	$ -	$ -	$ -	$ 55,000
0400-1917-68160-81204	PD Internet Evidence Finder	$ 550	$ -	$ -	$ -	$ -	$ 550
0400-1917-68160-81204	PD Lantern Software (CFYU server)	$ 300	$ -	$ -	$ -	$ -	$ 300
0400-1917-68160-81204	CFU Cellebrite Ultimate	$ 3,265	$ -	$ -	$ -	$ -	$ 3,265
0400-1917-68160-81204	PD Encase software	$ 637	$ -	$ -	$ -	$ -	$ 637
0400-1917-68160-81204	Computer Forensics software FTK Lic.	$ 3,021	$ -	$ -	$ -	$ -	$ 3,021
	Total	$ 109,898	$ -	$ -	$ -	$ -	$ 109,898

How will this improve our service level and efficiency?

The software being requested will be used to meet auditing requirements, increase collaboration, and provide the server resources needed to maintain a high level of service.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Software and Licensing
Addition or Replacement:	Upgrade/Enhancements

Initial Cost	$ 80,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 80,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 80,000

Justification for Equipment Replacement Fund Expenditure

The small software account is used to pay for known or unknown software needs for the year. This may include additional licensing and/or new product purchases. Requests are vetted by IT to ensure software will work on City systems and is then purchased.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000
	Total	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81204	Licensing and Software	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000
	Total	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000

How will this improve our service level and efficiency?

The software being requested will be used to meet auditing requirements, increase collaboration, and provide the server resources needed to maintain a high level of service.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Software and Licensing
Addition or Replacement:	Upgrade/Enhancements

Initial Cost	$ 80,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 80,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 80,000

Justification for Equipment Replacement Fund Expenditure

The small software account is used to pay for known or unknown software needs for the year. This may include additional licensing and/or new product purchases. Requests are vetted by IT to ensure software will work on City systems and is then purchased.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ 80,000	$ -	$ -	$ 80,000
	Total	$ -	$ -	$ 80,000	$ -	$ -	$ 80,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81204	Licensing and Software	$ -	$ -	$ 80,000	$ -	$ -	$ 80,000
	Total	$ -	$ -	$ 80,000	$ -	$ -	$ 80,000

How will this improve our service level and efficiency?

The software being requested will be used to meet auditing requirements, increase collaboration, and provide the server resources needed to maintain a high level of service.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Software and Licensing
Addition or Replacement:	Upgrade/Enhancements

Initial Cost	$ 80,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 80,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 80,000

Justification for Equipment Replacement Fund Expenditure

The small software account is typically used to pay for known or unknown software needs for the year. This may include additional licensing and/or new product purchases. Requests are vetted by IT to ensure software will work on City systems and is then purchased.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ 80,000	$ -	$ 80,000
	Total	$ -	$ -	$ -	$ 80,000	$ -	$ 80,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81204	Licensing and Software	$ -	$ -	$ -	$ 80,000	$ -	$ 80,000
	Total	$ -	$ -	$ -	$ 80,000	$ -	$ 80,000

How will this improve our service level and efficiency?

The software being requested will be used to meet auditing requirements, increase collaboration, and provide the server resources needed to maintain a high level of service.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Software and Licensing
Addition or Replacement:	Upgrade/Enhancements
Initial Cost	$ 90,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 90,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 90,000

Justification for Equipment Replacement Fund Expenditure

The small software account is used to pay for known or unknown software needs for the year. This may include additional licensing and/or new product purchases. Requests are vetted by IT to ensure software will work on City systems and is then purchased.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ 90,000	$ 90,000
	Total	$ -	$ -	$ -	$ -	$ 90,000	$ 90,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81204	Licensing and Software	$ -	$ -	$ -	$ -	$ 90,000	$ 90,000
	Total	$ -	$ -	$ -	$ -	$ 90,000	$ 90,000

How will this improve our service level and efficiency?

The software being requested will be used to meet auditing requirements, increase collaboration, and provide the server resources needed to maintain a high level of service.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Chris Pofahl
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Office 2016 Upgrade
Addition or Replacement:	Replacements

Initial Cost	$ 318,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 318,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 318,000

Justification for Equipment Replacement Fund Expenditure

Due to the rapid change in technology and how modern systems interact with the Microsoft Office Suite, there is a need to upgrade to the most current version of the Microsoft Office Suite. The City is currently running version 2010 and started to experience support issues, some of which are unsolvable until the city upgrades. Options for purchasing Office 2016 include: 1) A capital expense of $159,000 (includes training) and 2) A second option is Office 365 which would increase the Operating budget by $48,000 per year. $12,000 would still need to be budgeted for training. IT is recommending a capital purchase.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 159,000	$ -	$ -	$ -	$ 159,000	$ 318,000
	Total	$ 159,000	$ -	$ -	$ -	$ 159,000	$ 318,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81213	Office 2016 Upgrade	$ 159,000	$ -	$ -	$ -	$ 159,000	$ 318,000
	Total	$ 159,000	$ -	$ -	$ -	$ 159,000	$ 318,000

How will this improve our service level and efficiency?

The heart of business productivity lies with the tools given to the end user. Tighter integration between Office and major systems such as financial, time and attendance, payroll, permitting, and protective services will increase efficiencies in productivity.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Fiber Optic Maintenance
Addition or Replacement:	Repair/Replacement

Initial Cost	$ 15,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 15,000
Cost Over 5 years	$ 75,000
TOTAL	$ 90,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 15,000

Justification for Equipment Replacement Fund Expenditure

Maintenance goes to the repair and upkeep of the campus fiber network. This is mandated in the contractual agreement between the City of Waukesha, Waukesha County and Waukesha School District. The fiber optic network connects all core City buildings to the Waukesha School District, Waukesha County, State of Wisconsin, Carrol University and, very soon, the University of Wisconsin–Waukesha.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000
	Total	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81206	Fiber Optic Maintenance	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000
	Total	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 75,000

How will this improve our service level and efficiency?

Without proper maintenance and repair, the City will be in breach of the contract it has signed with others. Other considerations are that the fiber optic maintenance keeps a large City investment in proper working order. The fiber is a critical component of City services to not only departments, but the citizens of Waukesha.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Gina Kozlik
Dept Head: Gina Kozlik
Department: Clerk Treasurer

Classification of Expenditure:	Election Equipment
Addition or Replacement:	Replacement

Initial Cost	$ 55,267
Anticipated Annual Maintenance Cost/Cost of Operation	$ 4,990
Cost Over 5 years	$ 24,950
TOTAL	$ 80,217
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 52,767

Justification for Equipment Replacement Fund Expenditure

The City entered into an Intergovernmental Agreement with Waukesha County to jointly purchase election equipment, after Finance Committee approval on April 14, 2015, and full Council approval on April 21, 2015. While the City did approve and submit a petition to the County requesting full funding by the County for this purchase, the County was not agreeable to any additional cost sharing. The purchase will replace all existing ballot readers (Insights) and handicap accessible equipment (Edges), with the County agreeing to pay two-thirds of the entire purchase price, and the City's one-third share of $55,267 to be repaid in 2016. The trade-in value of our current equipment is $2,500. Maintenance costs will decrease from $9,090 to $4,990 per year.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1422-42210	State Shared Rev.	$ 52,767	$ -	$ -	$ -	$ -	$ 52,767
0400-1422-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 55,267	$ -	$ -	$ -	$ -	$ 55,267

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1422-68290	Election Equipment	$ 55,267	$ -	$ -	$ -	$ -	$ 55,267
	Total	$ 55,267	$ -	$ -	$ -	$ -	$ 55,267

How will this improve our service level and efficiency?

New, certified equipment is necessary to combine and transmit results with speed and accuracy. With the City running 15 poll locations, and central count of absentee ballots, the new equipment will reduce some of the challenges of result reporting, offering the ability to transmit results directly from the poll locations after the polls close.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Russell Jack
Dept Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Squad Camera Storage
Addition or Replacement:	Additional

Initial Cost	$ 210,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 210,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 210,000

Justification for Equipment Replacement Fund Expenditure

We have moved to Panasonic Arbitrator cameras for our squads. We currently have nine (9) squads with the new type of cameras. We have requested eight (8) new marked squads for 2016. Each of these will be outfitted with a new Arbitrator camera system, which is included in the price of the replacement vehicle. We have requested five (5) additional Arbitrator cameras systems that will be placed in the remaining five (5) marked untis. We will then have the new Arbitrator cameras in all 22 marked squads. The cost for storage for all 22 cameras is $210,00 per our IT Department. This includes initial storage and the backup storage.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 210,000	$ -	$ -	$ -	$ -	$ 210,000
	Total	$ 210,000	$ -	$ -	$ -	$ -	$ 210,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	Storage	$ 210,000	$ -	$ -	$ -	$ -	$ 210,000
	Total	$ 210,000	$ -	$ -	$ -	$ -	$ 210,000

How will this improve our service level and efficiency?

It is necessary for us to have cameras in every marked squad due to increasing pressure and scrutiny from the public. The cameras greatly assist us with the prosecution of cases, as well as protection and liability from complaints of misconduct. There are mandatory storage requirements that need to be complied with due to the open records law.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Russell Jack
Dept Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Dispatch Telephone System	
Addition or Replacement:	Replacement	
Initial Cost	$ 187,358	
Anticipated Annual Maintenance Cost/Cost of Operation	$ 17,933	*Years 2 - 5
Cost Over 5 years	$ 71,732	
TOTAL	$ 259,090	
Est. Salvage Value of Former Capital Asset	$ -	
EST. INITIAL INVESTMENT	$ 187,358	

Justification for Equipment Replacement Fund Expenditure

This project will replace the Dispatch telephone system that is no longer supported by AT&T. The Waukesha Police Department is requesting $187,358 to upgrade the 911 phone system to the "Viper 911 phone system." In addition, a $33,048 yearly service contract cost will be needed for years 2-5. The current telephone system in dispatch is a "Lifeline 100" system. The Lifeline handles both 911 and non-emergency phone lines. The current system was installed in the fall of 2006 when the Dispatch Center was remodeled. The yearly maintenance cost on the Lifeline 100 was $14,065. In March of 2015, AT&T stopped supporting the Lifeline 100 phone systems. Their service contracts were subsequently terminated by AT&T. Although At&T has stopped their service contracts on the Lifeline 100, they will still support the product on a labor and materials cost basis. Labor costs are currently between $130-$260 per hour, based on time of day. Parts are expected to be available on a limited basis, until supplies are exhausted. Although parts may be available when needed, it may take longer to obtain them, increasing the time of repair. If the City does not purchase an upgrade to the phone system, I suggest that an annual amount of $14,000, equal to the amount of past annual maintenance costs, be budgeted to handle the cost of any repairs that are needed. The upgrade to the Lifeline 100 is the "Viper." The Viper is the most current version of the Intrado brand product. The Viper will be Next Generation 911 capable, should the City decide to purchase those upgrades in the future. There are several other manufactures that produce phone systems, which would be full replacements rather then "upgrades."

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2115-42210	State Shared Rev.	$ -	$ 187,358	$ -	$ -	$ -	$ 187,358
	Total	$ -	$ 187,358	$ -	$ -	$ -	$ 187,358

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2115-68190	Telephone System	$ -	$ 187,358	$ -	$ -	$ -	$ 187,358
	Total	$ -	$ 187,358	$ -	$ -	$ -	$ 187,358

How will this improve our service level and efficiency?

This new telephone system is supported with a maintenance agreement making it more reliable. It is Next Generation 911 capable, should the City decide to purchase this upgrade in the future.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Russell Jack
Dept Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Dispatch Recording System
Addition or Replacement:	Replacement

Initial Cost	$ 32,600	
Anticipated Annual Maintenance Cost/Cost of Operation	$ -	
Cost Over 5 years	$ -	
TOTAL	$ 32,600	
Est. Salvage Value of Former Capital Asset	$ -	
EST. INITIAL INVESTMENT	$ 32,600	(Includes Maintenace Costs)

Justification for Equipment Replacement Fund Expenditure

Our current logger provides a digital recording of all the phone lines in dispatch, as well as multiple radio channels. When the City switched to a VOIP phone system, we lost the ability to record phone lines. The current Call Focus 3 system has not been supported by the manufacturer since July of 2014; however, the vendor has provided annual maintenance support. The vendor will cease to support the Call Focus 3 at an unknown date in the near future.

The new Nice Inform system would give us many capabilities that our current logger does not provide:

• Web based interface that does not require software to be on the user's computer. Authorized users will be able to access the program by navigating to a web address.
• Citrix compatible.
• Potentially has the ability to interface with the "OASIS" radio system logger. This has potential to add many recorded radio channels without adding radio hardware.
• VOIP Capability. We will be able to record designated VOIP phones in the department.
• Supervisors will have the ability to monitor, at the same time, multiple phone lines and radio traffic remotely.
• Equipment will be moved out of Dispatch Supervisors office and into computer room upstairs.
• The logger will be Next Generation 911 capable.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2115-42210	State Shared Rev.	$ -	$ 32,600	$ -	$ -	$ -	$ 32,600
	Total	$ -	$ 32,600	$ -	$ -	$ -	$ 32,600

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2115-68190	Recording System	$ -	$ 32,600	$ -	$ -	$ -	$ 32,600
	Total	$ -	$ 32,600	$ -	$ -	$ -	$ 32,600

How will this improve our service level and efficiency?

The front-line patrol supervisors have long desired a system that can monitor live, multiple channels at the same time. Having this feature, supervisors can be proactive in their response to various calls. Also, supervisors will be able to take immediate supervisory action to correct problems. The quote includes annual maintenance costs for the first five years.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Russell Jack
Dept Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Crime Scene Scanner
Addition or Replacement:	Additional

Initial Cost	$ 90,252
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 90,252
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 90,252

Justification for Equipment Replacement Fund Expenditure

The Police Department is requesting to purchase a FARO 3D crime scene scanner. While there is a significant cost on the front end, this product will have a substantial impact on processing major crime scenes, would significantly reduce the number of hours on major crime scenes and will pay for itself over time. If you are interested in an example of the imaging capabilities of this system, the following link is a video that shows some of the product capabilities. The 'fly-through' of the 3D image is at around 10:40. https://www.youtube.com/watch?v=Dv5Y gZ06nn4
This next level of technology will not only be limited to processing major crime scenes, but can also be used in processing serious or fatal traffic crashes, or even pre-surveillance for high-risk buildings, such as schools or government buildings, etc.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2115-42210	State Shared Rev.	$ 90,252	$ -	$ -	$ -	$ -	$ 90,252
	Total	$ 90,252	$ -	$ -	$ -	$ -	$ 90,252

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2115-68190	Crime Scene Scanner	$ 90,252	$ -	$ -	$ -	$ -	$ 90,252
	Total	$ 90,252	$ -	$ -	$ -	$ -	$ 90,252

How will this improve our service level and efficiency?

This 3D crime scene imager is a type of complex camera system on a tripod that you move to different locations, in a room (for example). In just a matter of minutes, it takes hundreds of photos from each location then ties them all together in a photo-realistic image that you can later process and use as a 3D image. It has forever been a problem relaying the complexities of a crime scene to jurors. This 3D system has the ability to relay a crime scene in a way a civilian or juror would understand. The final product delivered to a jury is a photo-realistic image that jurors can 'fly-through' to better understand the crime scene from any angle and have a more realistic understanding of the dynamics of any particular crime. This system will greatly assist in the convictions of violent criminals. A system such as this would have produced a much more accurate representation of the wooded crime scene in the 'Slenderman' case where the 12 year old girl endured 19 stab wounds before crawling out to the street. In addition it would have done so at a fraction of the overtime hours for our Criminal Evidence and Forensic Unit.
The product also has the ability to analyze blood splatter. It uses scientific technical data regarding the shape and size of blood splatter coupled with hundreds of photos processed as one 3D photo-realistic image to determine the exact location(s) the blood came from. This is such a leap in technology from the old process of measurements and taping strings to a wall that it can be compared to having only an AM radio and switching to a high definition television with surround sound.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Russell Jack
Dept Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Squad Camera Storage
Addition or Replacement:	Additional

Initial Cost	$ 30,275
Anticipated Annual Maintenance Cost/Cost of Operation	$ 975
Cost Over 5 years	$ 4,875
TOTAL	$ 35,150
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 30,275

Justification for Equipment Replacement Fund Expenditure

These squad cameras are replacements for the non-functional old squad cameras. We have moved to Panasonic Arbitrator cameras. We currently have nine (9) squads with the new type of cameras. We have requested eight (8) new marked squads for 2016. Each of these will be outfitted with a new Arbitrator camera system, which is included in the price of the replacement vehicle. The five (5) Arbitrator camera systems will be placed in the remaining five (5) marked units. We will then have the new Arbitrator cameras in all 22 marked squads. The cost of the five (5) cameras is $30,275.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 30,275	$ -	$ -	$ -	$ -	$ 30,275
	Total	$ 30,275	$ -	$ -	$ -	$ -	$ 30,275

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81201	5 Camera Systems	$ 30,275	$ -	$ -	$ -	$ -	$ 30,275
	Total	$ 30,275	$ -	$ -	$ -	$ -	$ 30,275

How will this improve our service level and efficiency?

It is necessary for us to have cameras in every marked squad due to increasing pressure and scrutiny from the public. The cameras greatly assist us with the prosecution of cases, as well as protection and liability from complaints of misconduct.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Russell Jack
Dept Head: Russell Jack
Department: Police Department

Classification of Expenditure:	OptiCop Camera
Addition or Replacement:	Additional
Initial Cost	$ 11,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 11,700
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 11,700

Justification for Equipment Replacement Fund Expenditure

This OptiCop camera will be placed to observe the 400 and 500 Blocks of W. Main Street for criminal activity. This is an additional camera to the OptiCop system. This program has been extremely effective in apprehending criminals via live monitoring in our Dispatch Center, as well as obtaining evidence later on by reviewing the camera footage. These cameras also act as a deterrent to criminal behavior.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 11,700	$ -	$ -	$ -	$ -	$ 11,700
	Total	$ 11,700	$ -	$ -	$ -	$ -	$ 11,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81222	OptiCop Camera	$ 11,700	$ -	$ -	$ -	$ -	$ 11,700
	Total	$ 11,700	$ -	$ -	$ -	$ -	$ 11,700

How will this improve our service level and efficiency?

It is extremely efficient for dispatchers to monitor these cameras during criminal activity and direct officers to the exact location of incidents, as well as provide the officers extremely accurate information so they are able to arrest the suspect(s).

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Mona Bauer
Dept Head: Ron Grall
Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Keyless Entry
Addition or Replacement:	Addition
Initial Cost	$ 30,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,000
Cost Over 5 years	$ 10,000
TOTAL	$ 40,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 30,000

Justification for Equipment Replacement Fund Expenditure

Locking and unlocking restroom and shelter doors is labor intensive. By implementing keyless entries that can be scheduled to open and close, the cost of labor to accomplish that would postivitely be impacted. The restrooms would still need to be visited once daily to clean and check supplies, but the 2.5 hours to open the shelters could be utilized in other maintenance currently not being addressed such as painted shelters inside and out as an example. The labor hours saved would equal approximately 910 hours annually at a cost of approximately $25,389.
In 2016, 4 areas have been identified to install keyless entries: Rotary restrooms, Moreland (playground at Frame), Union St. (State Office Building) and EB Shurts restrooms. These restrooms are opened on a yearly basis and would generate the greatest positive impact on labor costs.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000
	Total	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81212	Keyless Entry, Equipment & Wiring	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000
	Total	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000

How will this improve our service level and efficiency?

By implementing keyless entries, restrooms would all open at 8:00 am and close at 10:00 pm. Currently, restrooms are opened and closed within a 2.5 hour window of time (depending on rentals, activities and other schedules) and can be opened anywhere between 7:00 -10:00 am or closed between 7:30 - 10:00 pm. These windows of time have negatively impacted park users needing to use the facilites. The labor costs of physically opening and closing the shelters would improve the level of effciency. The coordinating of schedules would also provide savings as the doors can be programed to open/close sooner/later if needed because of a scheduled event. Please note that it is our intent for future years to continue to implement a keyless entry program and add shelter restrooms and then building doors that positively impact the residents and save labor costs.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Mona Bauer
Dept Head: Ron Grall
Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Program Hardware
Addition or Replacement:	Addition

Initial Cost	$ 20,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 20,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 20,000

Justification for Equipment Replacement Fund Expenditure

PRF Board Meetings are held in the Kathryn Meuhl Meeting Room. This room also serves the City as a back-up location to City Hall (as part of the Business Continuity Plan) if an alternative location is needed. It has served as a location for City strategic planning sessions, community wide meetings such as the Waukesha Inter-Governmental Health Group and others, as well as hosted Finance Committee meetings. It provides an additional location to conduct transparent City business. Because of this use, we are requesting that Granicus be provided at this location in order to assist the City with the goal of transparency and effieciency. This would assist in providing transparency of meetings held at the Aviation location to be vidoestreamed, videotaped and save on labor cost to compile minutes. The location would provide a viable option for conducting City business.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
	Total	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81212	Granicus: Encoder, Wiring, Cameras & Mounts, Data Switch	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
	Total	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000

How will this improve our service level and efficiency?

As the city moves forward with transparency, having all meetings streamed live, videotaped and archived becomes intregal to the transparency goal. By placing this equipment at PRF, another meeting location will assist the City in providing their goal.
Secondly, by providing the equipment at PRF, the minutes of the meeting will be on the videotape, creating a more effiecient way to quickly provide that information to the residents and to save time in transcribing minutes.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Mona Bauer
Dept Head: Ron Grall
Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Computer Software
Addition or Replacement:	Addition

Initial Cost	$ 30,000	
Anticipated Annual Maintenance Cost/Cost of Operation	$ 15,000	
Cost Over 5 years	$ 45,000	*Last 3 years only.
TOTAL	$ 75,000	
Est. Salvage Value of Former Capital Asset	$ -	
EST. INITIAL INVESTMENT	$ 30,000	

Justification for Equipment Replacement Fund Expenditure

The SD scorecard software is a service delivery optimization tool which identifies those services a Park & Recreation agency should be in the business of providing, and how best to provide those services effectively and efficiently given today's complex conditions. This new software will be an invaluable tool for the department in order to quantify decisions about the services PRF provides the community. The software has been created by Park and Recreation professionals to be used as a decision-making tool to determine the level of service, based on aligning with the department's purpose, financial viability, market position and competitive landscape. As the service moves through the scorecard, the system recommends a strategy such as investing in the service, collaborating, subsidizing the service or ceasing to offer the service based upon the matrix outcome. A companion tool called PASS, assists in determining both direct and indirect costs of these services. This tool is specially developed to work with existing recreation & financial software, including both MaxGalaxy and Munis. The subscription cost for this system is waived for the first two years, but costs $15,000 a year for the next three years as reflected in the total 5 year cost above. The need for the subscription in subsequent years would be assessed and determined after the initial implementation of the software. The use of these two software tools would be of great assistance to the department.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000
	Total	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81212	SD Scorecard Software	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000
	Total	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000

How will this improve our service level and efficiency?

The use of these software tools would assist in assuring that the residents of the City of Waukesha receives the very best department and services for their dollar. Once the software is set up, any of our park, forestry or many recreational opportunities can be analyzed for inefficiencies, resulting in the offering of needed and desired services to the community in the most economical and effective way.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Karol Kennedy
Dept Head: Grant Lynch
Department: Library

Classification of Expenditure:	Shelving
Addition or Replacement:	Replacement

Initial Cost	$ 14,082
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 14,082
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 14,082

Justification for Equipment Replacement Fund Expenditure

New shelving solutions are warranted in the Library's Teen Zone and in the Children's Department. A substantial investment has been made over the past decade to expand and improve the Teen collection, and many items are currently shelved on spinning units that are in terrible shape. Spinning units do not allow for good shelf reading or browsing, and they are an inefficient way to store material. New, flat shelving is an appropriate solution to this problem, and it will also provide new space for further expansion of this popular collection. The Children's Department requires some shelving solutions as well, as constant usage produces extreme wear and tear on these units.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt	$ 14,082	$ -	$ -	$ -	$ -	$ 14,082
	Total	$ 14,082	$ -	$ -	$ -	$ -	$ 14,082

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68130	Shelving Repl.	$ 11,282	$ -	$ -	$ -	$ -	$ 11,282
0420-5124-68130	Shelving Repl.	$ 800	$ -	$ -	$ -	$ -	$ 800
0420-5124-68130	Shelving Repl.	$ 2,000	$ -	$ -	$ -	$ -	$ 2,000
	Total	$ 14,082	$ -	$ -	$ -	$ -	$ 14,082

How will this improve our service level and efficiency?

It would be unfortunate to curb expanding extremely popular collections due to a lack of shelf space (or, more specifically, due to a current setup that is inappropriate for our needs). The Library has an obligation to meet patron demand for new material, and this is a long-term solution that will not have to be revisited for a long time. The pricing breakdown is as follows: new shelving in Teens Area: $11,281.62 + $800.00 in Children's board book section + $2,000 for Children's CD Picture book shelving.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: John Klima
Dept Head: Grant Lynch
Department: Library

Classification of Expenditure:	Microfilm Machines
Addition or Replacement:	Replacement

Initial Cost	$ 19,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 24,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 19,000

Justification for Equipment Replacement Fund Expenditure

The Waukesha Public Library currently owns and operates two microfilm machines that undergo daily patron use. They are old and no longer feature the required connections of modern computer systems. Library IT staff already has new computers and specialized vertical monitors for the machines, but they are unable to connect to them. New microfilm machines are necessary to (a) fix this problem; and (b) provide a better patron experience as they will be faster, easier to use, and far more simple in operation which leads to lower maintenance costs.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-41110	Tax Levy	$ 19,000	$ -	$ -	$ -	$ -	$ 19,000
	Total	$ 19,000	$ -	$ -	$ -	$ -	$ 19,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68130	Microfilm Machine	$ 19,000	$ -	$ -	$ -	$ -	$ 19,000
	Total	$ 19,000	$ -	$ -	$ -	$ -	$ 19,000

How will this improve our service level and efficiency?

The Waukesha Public Library has an extensive microfilm collection that rivals major archives in the state. In fact, the Library owns the only archive of the Waukesha Freeman newspaper (we are their depository) that dates back to the mid-1800s. Waukesha Freeman microfilm are incredibly valuable to our patrons, and a microfilm reader is necessary to access them. Library staff have researched digitizing these materials, and have concluded that it would cost an astonishing $350,000 to $500,000 to do so. We do not have the staff capacity to run such a project, let alone provide the necessary funding for it, so replacing our current machinery is overwhelmingly the better choice.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Karol Kennedy
Dept Head: Grant Lynch
Department: Library

Classification of Expenditure:	Furniture
Addition or Replacement:	Replacement
Initial Cost	$ 66,909
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 66,909
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 66,909

Justification for Equipment Replacement Fund Expenditure

The furniture in both the public and staff areas of the Library are more than 10 years old. With approximately 450,000 visitors per year, the furniture is used daily and shows wear and tear. Small repairs have taken place at no expense to the City over the past decade, but we have reached a point where replacement is necessary.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-49110	10-Year Debt	$ -	$ 66,909	$ -	$ -	$ -	$ 66,909
	Total	$ -	$ 66,909	$ -	$ -	$ -	$ 66,909

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68130	Furniture Repl.	$ -	$ 50,000	$ -	$ -	$ -	$ 50,000
0420-5124-68130	Workplace Furn.	$ -	$ 10,000	$ -	$ -	$ -	$ 10,000
0420-5124-68130	Reupholster Bench	$ -	$ 6,909	$ -	$ -	$ -	$ 6,909
	Total	$ -	$ 66,909	$ -	$ -	$ -	$ 66,909

How will this improve our service level and efficiency?

While some current pieces of furniture are no longer structurally sound and need immediate replacement, others show enough wear that it could potentially damage the professional image of the Library. An enormous amount of money has been allocated to the Waukesha Public Library since its inception, and clean and sound furniture is a small but necessary investment to demonstrate continued pride and attention to detail in all areas of Library service to the community. The pricing breakdown is as follows: 10-year-old Furniture Replacement Plan: $50,000.00; + $6,909.04 to reupholster children's benches + $10,000 to replace new workspace furniture for Information Services bullpen.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: John Klima
Dept Head: Grant Lynch
Department: Library

Classification of Expenditure:	Children's Early Literacy Computers
Addition or Replacement:	Replacement

Initial Cost	$ 26,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 26,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 26,000

Justification for Equipment Replacement Fund Expenditure

There are currently eight computers in the Children's Department used for early literacy activities at the Waukesha Public Library. They are more than five years old, which is beyond the normal range of life expectancy of a PC, and they warrant a replacement. The new machines are custom-built for our patrons, and come pre-loaded with tons of early literacy software and utilities that children can access while at the Library.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-41110	Tax Levy	$ 26,000	$ -	$ -	$ -	$ -	$ 26,000
	Total	$ 26,000	$ -	$ -	$ -	$ -	$ 26,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-5124-68130	Computer Repl.	$ 26,000	$ -	$ -	$ -	$ -	$ 26,000
	Total	$ 26,000		$ -	$ -	$ -	$ 26,000

How will this improve our service level and efficiency?

The Waukesha Public Library is a regional leader with the "1,000 Books Before Kindergarten" early literacy campaign, and it has established itself as a center for this valuable service. These machines are heavily used by children for learning activities, so it is imperative that the Library continues to provide access for all. The individual machines are $4,000 each due to the individual licenses necessary for the pre-loaded software, and two will have added Spanish-language functionality for an addition $2,000.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	SCBA Cylinder Replacement due to DOT Standards
Addition or Replacement:	Replacement

Initial Cost	$ 27,300
Anticipated Annual Maintenance Cost/Cost of Operation	$ 270
Cost Over 5 years	$ 1,350
TOTAL	$ 28,650
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 27,300

Justification for Equipment Replacement Fund Expenditure

The Department is requesting $27,300 to replace 29 weight composite self-contained breathing apparatus cylinders that will reach the end of their DOT service life in 2016. The cylinders that are being replaced are 15 years old. Per the DOT regulations that govern these cylinders, they can no longer be hydrostatically tested and must be removed from service. These cylinders are an integral part of our breathing apparatus that is required to be worn by all firefighters while responding to, and operating in, atmospheres that contain products of combustion or hazardous chemicals.

The replacement of these cylinders was foreshadowed in the Department's 2014 capital improvement request. At that time, the Department replaced 50 cylinders.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-41110	Tax Levy	$ 27,300	$ -	$ -	$ -	$ -	$ 27,300
	Total	$ 27,300	$ -	$ -	$ -	$ -	$ 27,300

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	Cylinders	$ 27,300	$ -	$ -	$ -	$ -	$ 27,300
	Total	$ 27,300	$ -	$ -	$ -	$ -	$ 27,300

How will this improve our service level and efficiency?

The Department is required by DOT regulations, to replace the cylinders that are at the end of their service life. These air cylinders are an integral part of our mandated protective clothing that is worn for all fire responses. If these cylinders are not replaced, the Department's ability to enter toxic atmospheres will be greatly hampered, and it will create delays in entering structures to extinguish fires.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017 - 2019

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Self-Contained Breathing Apparatus Replacement
Addition or Replacement:	Replacement

Initial Cost	$ 750,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,000
Cost Over 5 years	$ 10,000
TOTAL	$ 760,000
Est. Salvage Value of Former Capital Asset	$ 45,000
EST. INITIAL INVESTMENT	$ 705,000

Justification for Equipment Replacement Fund Expenditure

The self-contained breathing apparatus (SCBA) used by the Fire Department is approximately 25 years old and is nearing the end of its service life. The Department has identified the need to replace and update this critical equipment and anticipates applying for a Fire Act Grant to help offset the cost of this project. The money budgeted in 2017 would serve as the match for the grant, or be used as the first phase of a three-year project to replace all of the Department's SCBA, face pieces and associated equipment.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-42XXX	Grant Funding	$ -	$ -	$ 235,000	$ 235,000	$ -	$ 470,000
0420-2242-49110	10 year GO Debt	$ -	$ 235,000	$ -	$ -	$ -	$ 235,000
0420-2242-48330	Sale of City Property	$ -	$ 15,000	$ 15,000	$ 15,000	$ -	$ 45,000
	Total	$ -	$ 250,000	$ 250,000	$ 250,000	$ -	$ 750,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	SCBA Purchase	$ -	$ 230,000	$ 250,000	$ 250,000	$ -	$ 730,000
0420-2242-68290	Support Equipment	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
	Total	$ -	$ 250,000	$ 250,000	$ 250,000	$ -	$ 750,000

How will this improve our service level and efficiency?

The Department is required by several state and federal standards to provide self-contained breathing apparatus for firefighting personnel. By updating our equipment, we will be able to reduce staff time, and the expense of maintaining our current breathing apparatus, while providing firefighters with respiratory protection meeting the most current NFPA standards.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Mark Sweet
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Lock Boxes to Secure Narcotics
Addition or Replacement:	Replacement

Initial Cost	$ 11,450
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 11,450
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 11,450

Justification for Equipment Replacement Fund Expenditure

As part of the Department's ongoing review of its EMS policies/procedures, and in working with our new Medical Director Dr. Polentini, the Department has identified a need to upgrade its means of securing narcotics, to be fully compliant with DEA standards.

Currently, the Department uses safes designed to secure firearms. These devices have been problematic, and do not fully comply with DEA standards. The Department is requesting funds to purchase devices/lockboxes that would be installed on all ambulances to secure narcotics. Each employee who is licensed to administer narcotics would receive a unique access code. An easily-obtainable audit log can be produced to enhance our tracking and inventory control of our narcotics.

This project has been strongly endorsed by Dr. Polentini, whose medical license and authorization is utilized by the Department to obtain the narcotics administered in the field.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-41110	Tax Levy	$ 11,450	$ -	$ -	$ -	$ -	$ 11,450
	Total	$ 11,450	$ -	$ -	$ -	$ -	$ 11,450

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68190	Knox Boxes	$ 10,050	$ -	$ -	$ -	$ -	$ 10,050
0420-2242-68190	Installation	$ 1,400	$ -	$ -	$ -	$ -	$ 1,400
	Total	$ 11,450	$ -	$ -	$ -	$ -	$ 11,450

How will this improve our service level and efficiency?

By obtaining this equipment and implementing the audit logs, the Department will be able to fully comply with DEA requirements for securing and tracking narcotics outside of the hospital environment. Our current devices are experiencing a high failure rate and are being bypassed with manual keys that do not allow the Department to track access to the narcotics. The upgraded lockboxes are one of the security controls used to ensure that narcotics are not stolen from the Department or accessed by unlicensed personnel. Failure to comply with DEA regulations could impact the Department's ability to provide paramedic level EMS services to the community.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Joseph Hoffman
Dept Head: Steve Howard
Department: Fire Department

Classification of Expenditure:	Ruggedized Computers, Docks and Installation
Addition or Replacement:	Replacement

Initial Cost	$ 48,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 49,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 48,000

Justification for Equipment Replacement Fund Expenditure

The Fire Department maintains a fleet of 7 ambulances, with a ruggedized portable laptop in each. These units are utilized to improve response times to calls for service by running the KPI-Phoenix's Wireless Data Assistant (WDA) Mobile PC. These units are also utilized to run the ESO Solutions Electronic Patient Care Report (ePCR) program that documents all of our medical care and treatment that is performed by our ambulance crews. The ePCR is required to be electronically sent to our billing company to allow for a reduced-rate collection policy by the Company, Andres Medical Billing. The existing units (Panasonic H2) have reached the end of their useable life. Three of the seven units have been sent off for complete screen repair in the last year and 5 of the units have been sent for complete hard drive replacement in the last 2 years. All of these repairs have been covered by our 3 year extended service contract, but this will expire in February of 2016. It is the recommendation of the IT Department that these units be replaced before the contract expires and we are left to maintain the units, even though we have older PC's that are on the Department's fire apparatus.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ 48,000	$ -	$ -	$ -	$ -	$ 48,000
	Total	$ 48,000	$ -	$ -	$ -	$ -	$ 48,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81301	Ruggedized Tablets	$ 33,000	$ -	$ -	$ -	$ -	$ 33,000
0400-1917-68160-81301	Service Contract	$ 1,800	$ -	$ -	$ -	$ -	$ 1,800
0400-1917-68160-81301	Docking Stations	$ 9,700	$ -	$ -	$ -	$ -	$ 9,700
0400-1917-68160-81301	Installation	$ 3,500	$ -	$ -	$ -	$ -	$ 3,500
	Total	$ 48,000	$ -	$ -	$ -	$ -	$ 48,000

How will this improve our service level and efficiency?

This project will improve our department's EMS Service delivery, by having reliable PC tablets to document treatment and care by our ambulance personnel, real time, while the units are in the field delivering care. In the event an ambulance does not have a computer in the field to take reports, the ambulance crew would have to document the incident on a piece of paper. This action has significant implications to our department's HIPAA policies, because that information must always be secured. If left unattended, and another, non-health care professional, is able to read the notes, it would result in a data breach that the City would be liable for. Additionally, our ambulances would have to be out of service, not available to respond to calls, because they would have to remain at the hospital or at the station to complete their report on a hard lined computer. This has two large impacts: First, we are without an additional ambulance(s) to respond to the next call for service, and Second, the hospital would not have all of the information on the procedures or medications that were administered in the field, and that could delay in- hospital care. Additionally, this project will allow for the MDC to be properly stored in the front or rear of the ambulance, in a crash-rated docking station. Our existing units only have one docking station in the front of the ambulance. In the event the MDC is in the back of the ambulance, it is not properly restrained and can become a projectile in a crash.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2018

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Computer Replacement for Ambulances
Addition or Replacement:	Replacement

Initial Cost	$ 55,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 56,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 55,000

Justification for Equipment Replacement Fund Expenditure

This item is being entered as a placeholder for 2018. Based on existing replacement cycles, it is anticipated that the seven (7) computers used on our ambulances, will be rotated to our front-line fire apparatus, and the new computers will be installed in all of the Department's ambulances. These computers are an integral part of how we are dispatched to emergencies and are used to complete our patient care reports. These computers are being purchased with a three-year, no fault warranty, due to the extreme conditions they are used in.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ -	$ 55,000	$ -	$ -	$ 55,000
	Total	$ -	$ -	$ 55,000	$ -	$ -	$ 55,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-81301	Hardware	$ -	$ -	$ 45,000	$ -	$ -	$ 45,000
0400-1917-68160-81301	Installation	$ -	$ -	$ 10,000	$ -	$ -	$ 10,000
	Total	$ -	$ -	$ 55,000	$ -	$ -	$ 55,000

How will this improve our service level and efficiency?

Reliable, up-to-date computer technology is needed to ensure that the Department can efficiently respond to emergencies, and complete required patient care reports. This reporting leads to enhanced patient care when a patient is transferred to the hospital, and increased revenue through EMS billing.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Knox Master Key Retention System
Addition or Replacement:	Replacement

Initial Cost	$ 25,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 25
Cost Over 5 years	$ 125
TOTAL	$ 25,125
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 25,000

Justification for Equipment Replacement Fund Expenditure

The Department is seeking $25,000 to replace our existing Knox master key retention system that is part of our lockbox program in the City of Waukesha, for commercial and multi-family buildings within the community. Each Fire Department apparatus and select staff vehicles have a master key that allows us to access building keys kept in secure vaults on commercial and multi-family residential buildings. Owners voluntarily participate in this program by providing the Fire Department with access to keys for their building. This allows us access to enter buildings during fire and medical emergencies without damaging doors and windows.

As part of this program, electronic devices that secure the master keys are installed in all of our vehicles. Our existing master key retention system is approximately 15 years old and has become very difficult to service and is frequently breaking. This project would allow us to update our existing software and install new master key retention devices/safes to ensure the security of master keys. The scope of the project includes the purchase of new devices, upgrading existing software and the installation of wiring for the new devices.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-42210	State Shared Rev.	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
	Total	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-68190	Knox boxes	$ 21,000	$ -	$ -	$ -	$ -	$ 21,000
0400-2224-68190	Installation	$ 4,000	$ -	$ -	$ -	$ -	$ 4,000
	Total	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000

How will this improve our service level and efficiency?

The City of Waukesha Fire Department has a very successful program that allows building owners to voluntarily provide us with keys to their building to be utilized in the event of an emergency. This system has proven to be very effective in preventing damage when the Fire Department needs to enter a facility for fire and medical emergencies. Our existing system has reached the end of its service life and is currently failing. Repairs to our existing equipment that has been phased out of production is no longer practical. The new equipment will allow us to update boxes, utilizing a wireless network within our buildings or,as is now done by connecting the retention device to a laptop computer using an Ethernet cable. Upgrading the devices will ensure the security of our keys, and will reduce administrative time for the system through the use of the existing Wi-Fi network.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	EMS Cot Refurbishment
Addition or Replacement:	Replacement

Initial Cost	$ 29,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 36,500
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 29,000

Justification for Equipment Replacement Fund Expenditure

As part of the 2015 budget process, the Fire Department presented a plan to refurbish the Stryker Power Pro cots. When this project was initially researched, we found that purchasing new cots would cost over $20,000. We found it was possible to rebuild our cots for $9,500, which includes removing all of the components except the metal chassis that the patient rests on. All other components (hydraulic assembly, oil, electrical controls, wheel bearings and batteries) are replaced with new or refurbished equipment and all parts are Stryker factory replacement parts.

In 2014 and 2015, the Department had three cots refurbished and has been very satisfied with the results. Based on recommendations from MedPro Midwest Group, our preventative maintenance provider, rebuilding two cots in 2016, and an additional one cot in 2018, will ensure the serviceability of our cots and patient safety. The anticipated annual maintenance cost is already an existing item in the Department's operational budget in Organization #2213.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-41110	Tax Levy	$ 19,000	$ -	$ 10,000	$ -	$ -	$ 29,000
	Total	$ 19,000	$ -	$ 10,000	$ -	$ -	$ 29,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	Cot Rebuild	$ 19,000	$ -	$ 10,000	$ -	$ -	$ 29,000
	Total	$ 19,000	$ -	$ 10,000	$ -	$ -	$ 29,000

How will this improve our service level and efficiency?

The Department is able to refurbish our existing cots at half the cost of purchasing new units. Our cots are used on a daily basis to transport patients, and failure to replace or refurbish cots could result in equipment failure, possibly leading to injuries to patients and firefighters.

For over 20 years, the Department has utilized a power assisted cot to eliminate back injuries and ensure patient safety. The cost of rebuilding one cot is far less than the typical back injury claim or liability claim due to an injury to a patient.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Mark Sweet
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	CPR Chest Compression Device
Addition or Replacement:	New equipment

Initial Cost	$ 113,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,550
Cost Over 5 years	$ 7,750
TOTAL	$ 120,750
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 113,000

Justification for Equipment Replacement Fund Expenditure

The Department is seeking $30,000 in funding to purchase two Physio-Control Lucas external CPR devices. Currently, chest compressions must be performed manually for all persons in cardiac arrest. Clinical research has found that manual chest compressions performed by EMS and hospital personnel are inconsistent, and do not perform as well as automated devices. Prehospital studies have shown better long-term outcomes for persons who experience cardiac arrest, and are treated using an automated external compression device. Equally important is that fire personnel are much safer when using a Lucas-style device. Currently, as a patient is transported on a cot, an EMS provider must ride the cot in order to continue performing chest compressions that circulate oxygenated blood to the brain. This creates dangerous situations, and in certain situations, such as when a patient is being moved down stairs, CPR must be discontinued. Additionally, Fire Department personnel must perform compressions in moving vehicles. We are extremely fortunate that to date, we have only experienced minor injuries to Fire Department personnel while transporting patients in cardiac arrest.

In 2015, the Fire Department applied for a Fire Act Grant. If the Department is successful in receiving the grant later in 2015, the project money will serve as our match for the grant. If we are unsuccessful, the Department is proposing a multi-year project that will allow the Department to purchase two devices for the next four years. The purchase of the Lucas external chest compression devices is strongly supported by our Medical Director, Dr. Mark Polentini, based on the enhancement of patient care and safety for EMS providers.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-41110	Tax Levy	$ 30,000	$ 32,000	$ 33,500	$ 17,500	$ -	$ 113,000
	Total	$ 30,000	$ 32,000	$ 33,500	$ 17,500	$ -	$ 113,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	CPR Devices	$ 30,000	$ 32,000	$ 33,500	$ 17,500	$ -	$ 113,000
	Total	$ 30,000	$ 32,000	$ 33,500	$ 17,500	$ -	$ 113,000

How will this improve our service level and efficiency?

The purchase and use of external CPR compression devices will provide our patients with better care and outcomes when experiencing a medical event that leads to cardiac arrest. By providing better oxygenation to a patient's brain and other vital organs, the long-term effects of being pulseless and non-breathing are reduced, which results in a better quality of life. The use of the equipment also greatly reduces risk to firefighters performing chest compressions while patients are being transported, and facilitates better patient care by removing the distractions and logistical challenges.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Joseph Hoffman
Dept Head: Steve Howard
Department: Fire Department

Classification of Expenditure:	800 MHz Radio Programming
Addition or Replacement:	Replacement

Initial Cost	$ 13,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 13,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 13,000

Justification for Equipment Replacement Fund Expenditure

All City departments are preparing for the transition to the 800 MHz Digital system from the existing analog system, projected to be operational in the 2nd quarter of 2016. When the original project was funded to purchase the necessary replacement radios in 2014, the project was funded with a $20,000 off-set from the sale of the existing radios. Since the project was funded, the system completion has been delayed due to property acquisition by Waukesha County. These delays have necessitated the use of our existing radios, and we have not been able to sell them. The marketplace has become flooded with used radios due to other systems being completed, and Motorola stopping production on the XTS radio line, the radios we planned to sell to off-set the project ($20,000). We are requesting these funds so that radio programming can be completed in 2016 when the system goes live, along with the remaining funds in Org 2225.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2225-41110	Tax Levy	$ 13,000	$ -	$ -	$ -	$ -	$ 13,000
	Total	$ 13,000	$ -	$ -	$ -	$ -	$ 13,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2225-68190	Radio Program	$ 13,000	$ -	$ -	$ -	$ -	$ 13,000
	Total	$ 13,000	$ -	$ -	$ -	$ -	$ 13,000

How will this improve our service level and efficiency?

This project is necessary so that the City radios can be programmed to work on the new system. Without the programming, our radios will be inoperable.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	City-Wide Radio Replacement
Addition or Replacement:	Replacement

Initial Cost	$ 600,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 15,000
Cost Over 5 years	$ 75,000
TOTAL	$ 675,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 600,000

Justification for Equipment Replacement Fund Expenditure

Over the 2014, 2015 and 2016 budget periods, the City of Waukesha has been participating in a county-wide radio system update. As part of this project, about 30% of the City's radios were purchased and updated to work on the new digital system. The remaining percentage of the radios received software upgrades, allowing them to function on the new system. In 2020, these radios will be at the end of their service life and will need to be replaced.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2225-49110	10 year GO Debt	$ -	$ -	$ -	$ -	$ 600,000	$ 600,000
	Total	$ -	$ -	$ -	$ -	$ 600,000	$ 600,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68220	Radio Purchase	$ -	$ -	$ -	$ -	$ 525,000	$ 525,000
0420-2242-68220	Programming	$ -	$ -	$ -	$ -	$ 50,000	$ 50,000
0420-2242-68220	Installation	$ -	$ -	$ -	$ -	$ 25,000	$ 25,000
	Total	$ -	$ -	$ -	$ -	$ 600,000	$ 600,000

How will this improve our service level and efficiency?

The City of Waukesha has been a constant participant in the Waukesha County radio system, that has been expanded to include Milwaukee County. By sharing the costs of this critical infrastructure, the City has been able to save a considerable amount of money versus maintaining and operating our own system. This project will provide all departments with critical communication equipment, used on a daily basis by Public Safety, Public Works, Engineering, Transit and the Waukesha Water Utility to provide service to the community.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Station #4 Door Security
Addition or Replacement:	Replacement

Initial Cost	$ 15,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 100
Cost Over 5 years	$ 500
TOTAL	$ 15,500
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 15,000

Justification for Equipment Replacement Fund Expenditure

Fire Station #4 is the only fire station that currently does not have a card-access door security system, or security cameras. The Department is seeking funds to install compatible door security systems on three doors, and install cameras to monitor the parking lots, apparatus bays and main entrances. The installation of this equipment increases security at critical infrastructure, and increases accountability. The project will be coordinated with Engineering and Information Technology to ensure compatibility with existing systems.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 year GO debt	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
	Total	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68220	Hardware	$ -	$ 10,000	$ -	$ -	$ -	$ 10,000
0420-2242-68220	Installation	$ -	$ 5,000	$ -	$ -	$ -	$ 5,000
	Total	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000

How will this improve our service level and efficiency?

The completion of this project will enhance security at Fire Station #4, and facilities that are critical to protecting lives and property in the community.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017 & 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Station #1 Camera System
Addition or Replacement:	Replacement

Initial Cost	$ 55,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 10,000
TOTAL	$ 65,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 25,000

Justification for Equipment Replacement Fund Expenditure

The current analog camera system installed at Fire Station #1 will be over 10 years-old, and past its anticipated service life. Due to changes in operating systems, the current system is no longer compatible with the City network, and our recording devices are unable to capture and store video footage for 120 days, as required by state open records laws. The Department is seeking to replace our existing system in a phased-in project that will allow us to comply with retention laws and be accessible through the Opticop system.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-42210	State Shared Rev.	$ -	$ 25,000	$ -	$ -	$ 30,000	$ 55,000
	Total	$ -	$ 25,000	$ -	$ -	$ 30,000	$ 55,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-1917-68160-XXXXX	Hardware	$ -	$ 20,000	$ -	$ -	$ 24,000	$ 44,000
0400-1917-68160-XXXXX	Installation	$ -	$ 5,000	$ -	$ -	$ 6,000	$ 11,000
	Total	$ -	$ 25,000	$ -	$ -	$ 30,000	$ 55,000

How will this improve our service level and efficiency?

The Department will be able to comply with open records requirements, and make the video feed from our cameras at Fire Station #1 viewable by the Police Department, and at computers throughout Fire Station #1. The second phase of the project will convert the analog cameras to digital, which will present the opportunity to reduce the number of cameras at Fire Station #1, and greatly enhance image quality. Camera data is periodically used for accident investigations and to assist law enforcement in criminal investigations.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017

Dept Contact: Mark Sweet
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Continuous Positive Airway Pressure Equipment
Addition or Replacement:	Replacement

Initial Cost	$ 21,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 26,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 21,000

Justification for Equipment Replacement Fund Expenditure

The Department is requesting funds to replace our existing disposable Continuous Positive Airway Pressure (CPAP) equipment used to treat respiratory distress. This includes persons suffering from congestive heart failure(CHF), pulmonary edema, chronic obstructive pulmonary disease (COPD), asthma and pneumonia. CPAP has been shown to rapidly improve vital signs, gas exchange, reduce the work of breathing, decrease the sense of dyspnea (difficulty breathing), and decrease the need for endotracheal intubations in patients who suffer form shortness of breath from asthma, COPD, pulmonary edema, CHF and pneumonia. This does not replace any current treatment for respiratory distress, and is, in fact, used in conjunction with nebulized medication treatment of Albuterol and Atrovent by Waukesha Fire Department Paramedics.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-42210	State Shared Rev.	$ -	$ 21,000	$ -	$ -	$ -	$ 21,000
	Total	$ -	$ 21,000	$ -	$ -	$ -	$ 21,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-68190	CPAP system	$ -	$ 21,000	$ -	$ -	$ -	$ 21,000
	Total	$ -	$ 21,000	$ -	$ -	$ -	$ 21,000

How will this improve our service level and efficiency?

In an effort to reduce operating costs, the Waukesha Fire Department switched to a disposable CPAP system. Although the Fire Department has been able to reduce cost, the result in the efficiency of improved rapid patient turn-around has not been positive. In addition, the disposable systems have not been compatible with the nebulized medication treatments. The Waukesha Fire Department is currently researching, under the direction of our Medical Director, alternative CPAP systems that are both cost efficient, and maintain a high level of patient care that provides rapid positive patient outcome.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017

Dept Contact: Mark Sweet
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Automatic External Defibrillator (AED)
Addition or Replacement:	Replacement

Initial Cost	$ 25,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 350
Cost Over 5 years	$ 1,750
TOTAL	$ 26,750
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 25,000

Justification for Equipment Replacement Fund Expenditure

This project is being entered as a placeholder to update and replace existing automatic defibrillators within the City of Waukesha Fire Department, and public access defibrillators located in many of our public buildings. Our current cache of defibrillators is being maintained by the Fire Department through EMS operating funds. As part of the ongoing preventive maintenance, the need to upgrade is due to the age of the devices, and pending changes to CPR protocols, mandated by the American Heart Association.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 year GO Debt	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
	Total	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	AED purchase	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
	Total	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000

How will this improve our service level and efficiency?

The funding of this project will allow the Department to ensure the City has automatic external defibrillator devices, meeting National Heart standards, and will replace the dated devices that are beyond their service life.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017

Dept Contact: Joe Hoffman
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Scheduling software replacement
Addition or Replacement:	Replacement

Initial Cost	$ 75,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 4,700
Cost Over 5 years	$ 23,500
TOTAL	$ 98,500
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 75,000

Justification for Equipment Replacement Fund Expenditure

Description: This project is the replacement of our department's scheduling software with a new computerized system that will sunset an unsupported software system that is Windows XP and migrate our scheduling to a software that is integrated into the remainder of the City's time and attendance software (Kronos). This purchase will also replace a custom made software that tracks overtime usage with a system that can produce dashboard materials so better tracking and monitoring of overtime usage can occur.

Justification: The Department's current scheduling software is called RedAlert NMX. RedAlert is a Windows XP operating system and is no longer supported by Microsoft or our IT Department. It is maintained on its own server and is described by our IT Department as one crash away from never coming back up from a reboot. The new system will integrate with the rest of the City of Waukesha's time and attendance software and allow for the Department's time and attendance information to be seamlessly sent without the existing manual entry process that is currently being utilized. The Department would also be able to replace an existing stand alone, database that manages the overtime information for the department into this new scheduling database.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-42210	State Shared Rev.	$ -	$ 75,000	$ -	$ -	$ -	$ 75,000
	Total	$ -	$ 75,000	$ -	$ -	$ -	$ 75,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-68160	Software	$ -	$ 13,000	$ -	$ -	$ -	$ 13,000
0400-2224-68160	Training	$ -	$ 5,500	$ -	$ -	$ -	$ 5,500
0400-2224-68160	Prof. Service	$ -	$ 52,000	$ -	$ -	$ -	$ 52,000
0400-2224-68160	VOXEO Phone	$ -	$ 4,500	$ -	$ -	$ -	$ 4,500
	Total	$ -	$ 75,000	$ -	$ -	$ -	$ 75,000

How will this improve our service level and efficiency?

The purchase of the proposed Kronos scheduling system specifically designed for Fire Department use will reduce and eliminate redundant timekeeping practices needed by the Department to utilize our existing time and attendance software. Additionally, paper-based timekeeping for out of grade pay requests, overtime, acting pay and trades will be eliminated, along with errors caused by misplaced paperwork.

Our current software product used for scheduling is at the end of its service life and is in the process of being eliminated. This scheduling software is the last component of our records management software that needs to be replaced.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2017

Dept Contact: Joe Hoffman
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Station Alerting System
Addition or Replacement:	Replacement

Initial Cost	$ 379,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 20,012
Cost Over 5 years	$ 100,060
TOTAL	$ 479,060
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 379,000

Justification for Equipment Replacement Fund Expenditure

Description: This project will replace the existing equipment in both the Police and Fire Dispatch Center, and all five (5) of the Fire Stations, that alerts the Station that dispatch has a call for them to respond to. The replacement system will have increased reliability, and will allow for quicker call turnout times. The station alerting system being proposed will take the information from CAD, and alert the stations the moment that the dispatcher has completed the required fields needed to alert and send personnel to the emergency, without the dispatcher putting the caller on hold to alert the stations that they are being dispatched.

Justification: The existing station alerting equipment (Comtech) has reached the end of its service life. We have been told by the manufacturer that our system, which was constructed on the Windows XP platform, is no longer being produced or serviced. The equipment is over ten years-old and currently has only one roll-over fail safe, in the event that the T-1 line fails, to send the alert to the station. Additionally, our existing fail safe roll-over requires a dedicated 800 MHz analog alerting line. With the Waukesha County Radio system upgrade, these analog paths will be reduced with the system switch to digital, meaning our alerts may be delayed if another alert is sent to another department in the county. The new system will also allow for the alert to be sent without human interaction, meaning precious seconds can be eliminated in having calls sit in queue, along with a savings in the time of the communication of the dispatch message. The Department has researched a number of potential vendors for this product, and are proposing a system that will set the department on a solid platform that will work in either dispatch center, and be a reliable method for the next 10-15 years.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 year GO Debt	$ -	$ 379,000	$ -	$ -	$ -	$ 379,000
	Total	$ -	$ 379,000	$ -	$ -	$ -	$ 379,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	Disp & FS Hardware	$ -	$ 193,000	$ -	$ -	$ -	$ 193,000
0420-2242-68290	Prof. Services/ Inst	$ -	$ 146,500	$ -	$ -	$ -	$ 146,500
0420-2242-68290	Computer & Server	$ -	$ 15,000	$ -	$ -	$ -	$ 15,000
0420-2242-68290	CAD Programming	$ -	$ 16,000	$ -	$ -	$ -	$ 16,000
0420-2242-68290	Elect & WCRS Charg.	$ -	$ 8,500	$ -	$ -	$ -	$ 8,500
	Total	$ -	$ 379,000	$ -	$ -	$ -	$ 379,000

How will this improve our service level and efficiency?

An initial analysis of our dispatching process indicates 10-20 seconds can be saved in our current call processing and turn out time, by utilizing new hardware and software for station alerting. This will result in reduced response times when responding to emergencies within the community. Additional efficiencies are gained through enhanced display boards, countdown timers and color-coded lighting within the stations. This will allow Fire Department personnel to begin responding to incidents as a call is initially being processed. This early pre-alerting gets Fire Department personnel heading to their vehicles, while the Dispatcher is finalizing the response details through our dispatch protocols. Fire Departments that have implemented similar systems have experienced a reduction in call processing and turnout times. Additionally, our existing equipment is at the end of its service life and must be replaced to ensure timely responses to emergencies in our community.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2019

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Fire Suppression Equipment
Addition or Replacement:	Replacement

Initial Cost	$ 60,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 500
Cost Over 5 years	$ 2,500
TOTAL	$ 62,500
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 60,000

Justification for Equipment Replacement Fund Expenditure

As a placeholder, the Department has identified the potential need to update and/or replace nozzles, ventilation fans and rescue equipment in 2019. This project is in the preliminary planning phases; however, it has been identified that the expenditure will exceed $10,000 and will have a service life beyond 10 years. The project will be updated as future budgets are developed and is based on preliminary cost estimates. Maintenance for this equipment is part of the current operating budget.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 year GO Debt	$ -	$ -	$ -	$ 60,000	$ -	$ 60,000
	Total	$ -	$ -	$ -	$ 60,000	$ -	$ 60,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	Nozzles	$ -	$ -	$ -	$ 25,000	$ -	$ 25,000
0420-2242-68290	Fans	$ -	$ -	$ -	$ 10,000	$ -	$ 10,000
0420-2242-68290	Rescue Equipment	$ -	$ -	$ -	$ 10,000	$ -	$ 10,000
0420-2242-68290	Hose	$ -	$ -	$ -	$ 15,000	$ -	$ 15,000
	Total	$ -	$ -	$ -	$ 60,000	$ -	$ 60,000

How will this improve our service level and efficiency?

The funding of this project will ensure that the Department has up-to-date equipment to help us effectively and efficiently deal with fire and rescue emergencies.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Classroom Technology/Equipment
Addition or Replacement:	Replacement

Initial Cost	$ 20,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 500
Cost Over 5 years	$ 2,500
TOTAL	$ 22,500
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 20,000

Justification for Equipment Replacement Fund Expenditure

For planning purposes, the Department has identified an anticipated need to update the technology used in our classrooms and meeting rooms throughout our facilities. This equipment is an integral part of our daily meetings and is used to meet state and federal-mandated training requirements.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-42210	State Shared Rev.	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000
	Total	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0400-2224-68160	Equipment	$ -	$ -	$ -	$ -	$ 17,500	$ 17,500
0400-2224-68160	Installation	$ -	$ -	$ -	$ -	$ 2,500	$ 2,500
	Total	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000

How will this improve our service level and efficiency?

The replacement of this existing equipment will ensure training requirements and objectives can be met, while allowing fire personnel to remain within their assigned fire stations, allowing them to respond to emergencies in timeframes meeting our response goals.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2020

Dept Contact: Steve Howard
Dept Head: Steve Howard
Department: Fire

Classification of Expenditure:	Breathing Air Compressor Replacement
Addition or Replacement:	Replacement

Initial Cost	$ 60,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 67,500
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 55,000

Justification for Equipment Replacement Fund Expenditure

For planning purposes, the Department has identified the need to replace our existing SCBA breathing air compressor and associated filling station, used to refill our self-contained breathing apparatus. In 2020, our existing system will be approximately 30 years old and near the end of its service life. This critical piece of infrastructure is being carefully maintained and monitored. The project may be adjusted based on our experience that includes maintenance costs, availability of parts, repair costs and downtime.

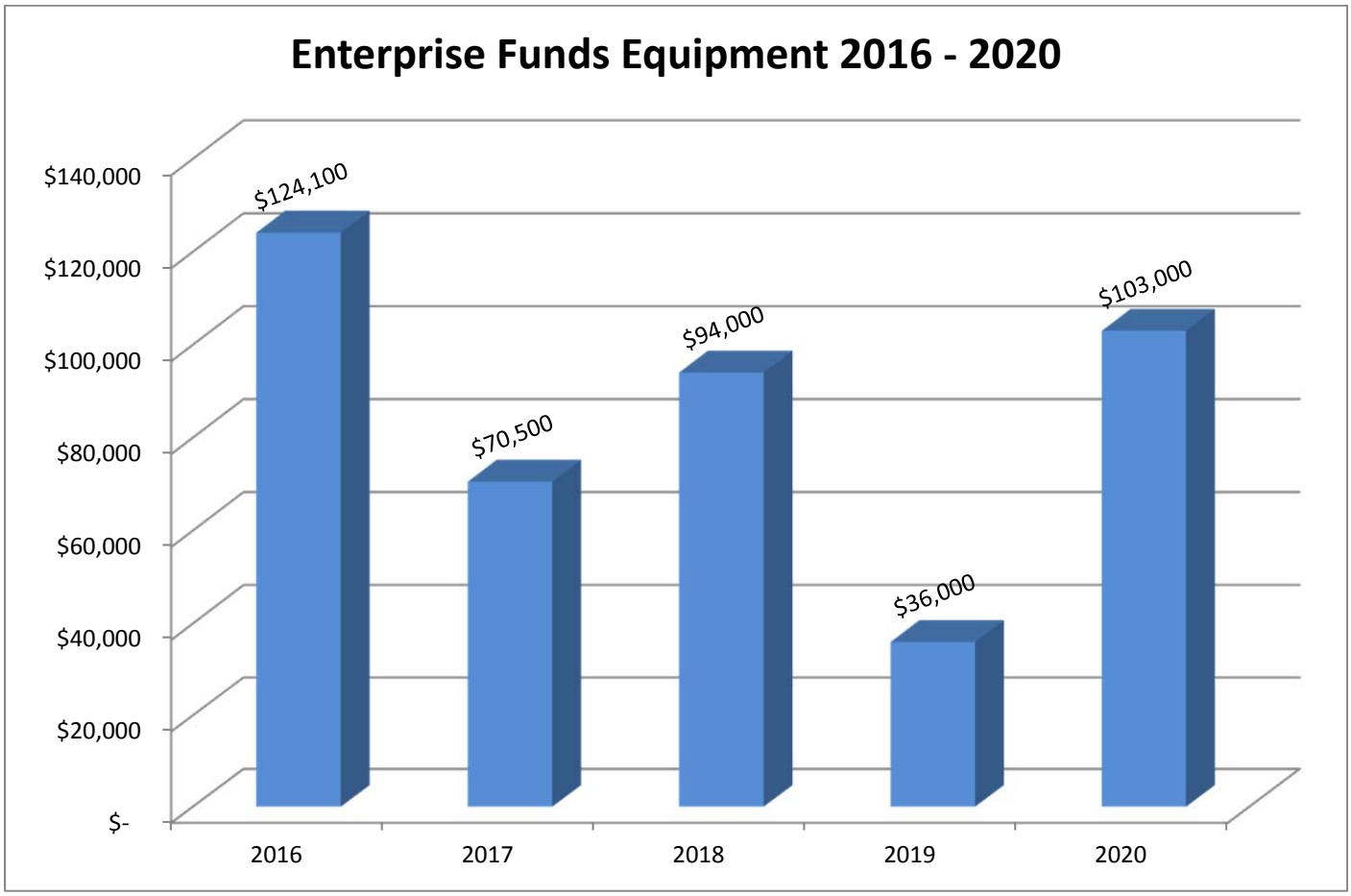
Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-49110	10 year GO Debt	$ -	$ -	$ -	$ -	$ 55,000	$ 55,000
0420-2242-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 5,000	$ 5,000
	Total	$ -	$ -	$ -	$ -	$ 60,000	$ 60,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0420-2242-68290	Compressor	$ -	$ -	$ -	$ -	$ 55,000	$ 55,000
0420-2242-68290	Installation	$ -	$ -	$ -	$ -	$ 5,000	$ 5,000
	Total	$ -	$ -	$ -	$ -	$ 60,000	$ 60,000

How will this improve our service level and efficiency?

By funding this project, the Department will be able to replace a critical piece of infrastructure that is needed to respond to fire and hazardous materials emergencies within our community.

Enterprise Funds Equipment Replacement Projects 2016-2020



City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	20 Foot Truck Crane
Addition or Replacement:	Replacement

Initial Cost	$ 35,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 100
Cost Over 5 years	$ 500
TOTAL	$ 35,500
Est. Salvage Value of Former Capital Asset	$ 100
EST. INITIAL INVESTMENT	$ 34,900

Justification for Equipment Replacement Fund Expenditure

This is a replacement for our lift station service truck crane, with 20 foot reach. Its primary purpose is servicing pumps at our 40 lift stations, and normal maintenance and emergenciy service visits. The current crane has been problematic, with a recent $2,000 repair to keep it running. Parts are obsolete as the manufacturer claims we own one of two made. If we can not retro-fit a new crane, we will have to expore other options. An entirely new truck with crane is $141,000. The current Truck (#10) with crane is now 20 years old, as it was purchased in 1995.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating Fund	$ 34,900	$ -	$ -	$ -	$ -	$ 34,900
0603-7399-48330	Sale of City Property	$ 100	$ -	$ -	$ -	$ -	$ 100
	Total	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68140	Truck Crane	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000
	Total	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000

How will this improve our service level and efficiency?

This will ensure that a working crane is available for emergencies.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Variable Frequency Drives
Addition or Replacement:	Additional Equipment

Initial Cost	$ 10,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 10,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 10,000

Justification for Equipment Replacement Fund Expenditure

Upgrades to our solids thickener were not included in the current project. These were slated as equipment replacement projects. We are replacing the discharge pumps in this year's budget, and want to add the variable frequency drives (VFDs) to reduce energy consumption, and to ensure that feed to the new digester is more consistant.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Replacement Fund	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
	Total	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	VFDs	$ 8,000	$ -	$ -	$ -	$ -	$ 8,000
0603-7388-52510	Installation	$ 2,000	$ -	$ -	$ -	$ -	$ 2,000
	Total	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000

How will this improve our service level and efficiency?

Currently, the pumps that feed the digester run once the wetwell fills, and then shut off when empty. To increase the efficiency of the digester, we want to pump from the wetwell at a slow, constant rate, as opposed to off and on. Installing variable frquency drives on these pumps will allow that.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	240 Bldg. Scum Pump
Addition or Replacement:	Replacement

Initial Cost	$ 16,500
Anticipated Annual Maintenance Cost/Cost of Operation	$ 500
Cost Over 5 years	$ 2,500
TOTAL	$ 19,000
Est. Salvage Value of Former Capital Asset	$ 100
EST. INITIAL INVESTMENT	$ 16,400

Justification for Equipment Replacement Fund Expenditure

This pump was not included to be replaced in the major project. We had just rebuilt this unit at the time of facility plan, with parts from two other pumps like it that we eliminated. It is getting to the end of its useful life (installed in 1992), and tends to plug with leaves. Our staff would remove the existing pump, and install the new replacement.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Replacement Fund	$ -	$ 16,400	$ -	$ -	$ -	$ 16,400
0603-7399-48330	Sale of City Property	$ -	$ 100	$ -	$ -	$ -	$ 100
	Total	$ -	$ 16,500	$ -	$ -	$ -	$ 16,500

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388- 52510	Scum Pump	$ -	$ 16,500	$ -	$ -	$ -	$ 16,500
	Total	$ -	$ 16,500	$ -	$ -	$ -	$ 16,500

How will this improve our service level and efficiency?

We would like to replace the existing pump, with a pump that is the same as our other solids pumps, for parts consistancy, higher efficiency, and less plugging. A rebuild kit for this type of pump is $2,500 and is good for at least five years.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Storm Water Station Pumps/Controls
Addition or Replacement:	Replacement

Initial Cost	$ 40,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 40,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 40,000

Justification for Equipment Replacement Fund Expenditure

This is a storm water pump station at the Waste Water plant that was originally installed in 1971. This year, we retro-fitted this pump station with a spare portable pump we had on hand to keep it operational. We would like to renovate this station with two new dedicated pumps, and new electrical controls. Once the new storm water detention ponds are complete, this station will pump the overflow to the river.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Replacement Fund	$ -	$ -	$ 40,000	$ -	$ -	$ 40,000
	Total	$ -	$ -	$ 40,000	$ -	$ -	$ 40,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	Equipment	$ -	$ -	$ 32,000	$ -	$ -	$ 32,000
0603-7388-52510	Installation	$ -	$ -	$ 8,000	$ -	$ -	$ 8,000
	Total	$ -	$ -	$ 40,000	$ -	$ -	$ 40,000

How will this improve our service level and efficiency?

The current upgrade has a new main road going through the low area of the plant, with storm water detention basins on either side. If the detention basins overflow, this pump station will pump the extra water to the river to prevent flooding of the road.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	72" Zero-Turn Mower
Addition or Replacement:	Replacement

Initial Cost	$ 19,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 20,000
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 18,500

Justification for Equipment Replacement Fund Expenditure

This is a replacement for a 2007, 72" diesel engine zero-turn lawn mower. This mower is used primarily for the plant, recycle center, and police range. It also serves as a back-up to our lift station mower. This mower will be 13 years old, and will have about 1,300 hours of service on it. It is still a model in production, however the engine is not. Parts will be harder to get as it gets older.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Operating Fund	$ -	$ -	$ -	$ -	$ 18,500	$ 18,500
0603-7399-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 500	$ 500
	Total	$ -	$ -	$ -	$ -	$ 19,000	$ 19,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	72" ZT Mower	$ -	$ -	$ -	$ -	$ 19,000	$ 19,000
	Total	$ -	$ -	$ -	$ -	$ 19,000	$ 19,000

How will this improve our service level and efficiency?

We would like to replace this mower due to age and use. A reliable mower will assure that complaints about weeds are not prevalent with residents.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	60" Zero-Turn Mower
Addition or Replacement:	Replacement

Initial Cost	$ 13,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 14,000
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 12,500

Justification for Equipment Replacement Fund Expenditure

This is a replacement for a 2007, 60" diesel engine, zero-turn lawn mower. We mow 40 pump stations and several storm detention basins with this mower. This mower will be 13 years old and will have about 1,400 hours of service on in. This model has been discontinued by the manufacturer, and parts will become harder to get. The pricing listed is 2015 price for comparable replacement.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Operating Fund	$ -	$ -	$ -	$ -	$ 12,500	$ 12,500
0603-7399-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 500	$ 500
	Total	$ -	$ -	$ -	$ -	$ 13,000	$ 13,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7388-52510	60" ZT Mower	$ -	$ -	$ -	$ -	$ 13,000	$ 13,000
	Total	$ -	$ -	$ -	$ -	$ 13,000	$ 13,000

How will this improve our service level and efficiency?

We would like to replace this mower due to age and use. A reliable mower will assure that complaints about weeds are not prevalent with residents.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Fred Abadi/Jeff Harenda
Dept Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	All-Terrain Vehicle with Cab
Addition or Replacement:	Replacement

Initial Cost	$ 28,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 29,000
Est. Salvage Value of Former Capital Asset	$ 2,000
EST. INITIAL INVESTMENT	$ 26,000

Justification for Equipment Replacement Fund Expenditure

This is the replacement of two 2007 Kawasaki Mules with cab enclosure. These units are used daily on the plant grounds by our shift operators for making thier inspection rounds. They are also used for landscape work, such as trimming and spraying for weeds around the plant.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenue	Operating Budget	$ -	$ -	$ -	$ -	$ 26,000	$ 26,000
0603-7399-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 2,000	$ 2,000
	Total	$ -	$ -	$ -	$ -	$ 28,000	$ 28,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Two (2) ATV vehicles	$ -	$ -	$ -	$ -	$ 28,000	$ 28,000
	Total	$ -	$ -	$ -	$ -	$ 28,000	$ 28,000

How will this improve our service level and efficiency?

This will improve efficiency for plant inspections, and save on fuel and maintenance costs for plant use, rather than a truck.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Printer Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 79,100
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 79,100
Est. Salvage Value of Former Capital Asset	$ 800
EST. INITIAL INVESTMENT	$ 78,300

Justification for Equipment Replacement Fund Expenditure

Planned printer/copier replacements will displace 6-8 year-old devices. Printers on the list are not covered under the managed print service contract and would rid the City of older, higher cost machines. Copiers that are being replaced address slowness issues and give the City a lower over-all cost of operation for the machine. Maintenance is an internal chargeback that Finance budgets for. These costs are based on usage which fluctuates on a monthly basis.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-47480	Department Chargebacks	$ 79,100	$ -	$ -	$ -	$ -	$ 79,100
	Total	$ 79,100	$ -	$ -	$ -	$ -	$ 79,100

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-68130	Clerks -(12) Receipt printers	$ 18,000	$ -	$ -	$ -	$ -	$ 18,000
0720-1590-68130	Community Dev. (1) plotter (2) network printers (1) MFP	$ 11,200	$ -	$ -	$ -	$ -	$ 11,200
0720-1590-68130	Engineering (1) plotter	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
0720-1590-68130	Finance (1) network (1) MFP	$ 10,500	$ -	$ -	$ -	$ -	$ 10,500
0720-1590-68130	Fire Dept. (1) network	$ 600	$ -	$ -	$ -	$ -	$ 600
0720-1590-68130	Library (2) MFP	$ 18,000	$ -	$ -	$ -	$ -	$ 18,000
0720-1590-68130	Mayors/CA office (1) MFP	$ 9,000	$ -	$ -	$ -	$ -	$ 9,000
0720-1590-68130	Police (2) network	$ 1,200	$ -	$ -	$ -	$ -	$ 1,200
0720-1590-68130	Transit (1) network	$ 600	$ -	$ -	$ -	$ -	$ 600
	Total	$ 79,100	$ -	$ -	$ -	$ -	$ 79,100

How will this improve our service level and efficiency?

A regular replacement schedule keeps staff working efficiently and helps eliminate existing issues with obsolete, old, or failing equipment.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Printer Replacements
Addition or Replacement:	Replacements
Initial Cost	$ 54,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 54,000
Est. Salvage Value of Former Capital Asset	$ 800
EST. INITIAL INVESTMENT	$ 53,200

Justification for Equipment Replacement Fund Expenditure

Planned printer/copier replacements will displace 6-8 year old devices. Printers on the list are not covered under the managed print service contract and would rid the City of older, higher cost machines. Copiers that are being replaced address slowness issues and give the City a lower over-all cost of operation for the machine. Maintenance is an internal chargeback that Finance budgets for. These costs are based on usage which fluctuates on a monthly basis.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-47480	Department Chargebacks	$ -	$ 54,000	$ -	$ -	$ -	$ 54,000
	Total	$ -	$ 54,000	$ -	$ -	$ -	$ 54,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-68130	Engineering/WWTP (2) MFP	$ -	$ 18,000	$ -	$ -	$ -	$ 18,000
0720-1590-68130	City Garage (1) MFP	$ -	$ 9,000	$ -	$ -	$ -	$ 9,000
0720-1590-68130	PD-Det. (1) MFP	$ -	$ 9,000	$ -	$ -	$ -	$ 9,000
0720-1590-68130	Park Rec Forestry Front (1) MFP	$ -	$ 9,000	$ -	$ -	$ -	$ 9,000
0720-1590-68130	Community Development (back area) (1) MFP	$ -	$ 9,000	$ -	$ -	$ -	$ 9,000
	Total	$ -	$ 54,000	$ -	$ -	$ -	$ 54,000

How will this improve our service level and efficiency?

A regular replacement schedule keeps staff working efficiently and helps eliminate existing issues with obsolete, old, or failing equipment.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Printer Replacements
Addition or Replacement:	Replacements

Initial Cost	$ 54,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 54,000
Est. Salvage Value of Former Capital Asset	$ 800
EST. INITIAL INVESTMENT	$ 53,200

Justification for Equipment Replacement Fund Expenditure

Planned printer/copier replacements will displace 6-8 year old devices. Printers on the list are not covered under the managed print service contract and would rid the City of older, higher cost machines. Copiers that are being replaced address slowness issues and give the City a lower over-all cost of operation for the machine. Maintenance is an internal chargeback that Finance budgets for. These costs are based on usage which fluctuates on a monthly basis.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-47480	Department Chargebacks	$ -	$ -	$ 54,000	$ -	$ -	$ 54,000
	Total	$ -	$ -	$ 54,000	$ -	$ -	$ 54,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-68130	Police - First FL. Cubicle (1) MFP	$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
0720-1590-68130	Municipal Court (1) MFP	$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
0720-1590-68130	Engineering Supply Rm. (1) MFP	$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
0720-1590-68130	City Garage (parts room) (1) MFP	$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
0720-1590-68130	Clerks (1) MFP	$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
0720-1590-68130	Fire Department (1) MFP	$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
	Total	$ -	$ -	$ 54,000	$ -	$ -	$ 54,000

How will this improve our service level and efficiency?

A regular replacement schedule keeps staff working efficiently and helps eliminate existing issues with obsolete, old, or failing equipment.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Printer Replacements
Addition or Replacement:	Replacements
Initial Cost	$ 36,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 36,000
Est. Salvage Value of Former Capital Asset	$ 800
EST. INITIAL INVESTMENT	$ 35,200

Justification for Equipment Replacement Fund Expenditure

Planned printer/copier replacements will displace 6-8 year old devices. Printers on the list are not covered under the managed print service contract and would rid the City of older, higher cost machines. Copiers that are being replaced address slowness issues and give the City a lower over-all cost of operation for the machine. Maintenance is an internal chargeback that Finance budgets for. These costs are based on usage which fluctuates on a monthly basis.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-47480	Department Chargebacks	$ -	$ -	$ -	$ 36,000	$ -	$ 36,000
	Total	$ -	$ -	$ -	$ 36,000	$ -	$ 36,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-68130	IT (1) MFP	$ -	$ -	$ -	$ 9,000	$ -	$ 9,000
0720-1590-68130	Cemetery (1) MFP	$ -	$ -	$ -	$ 9,000	$ -	$ 9,000
0720-1590-68130	PR Schuetze (1) MFP	$ -	$ -	$ -	$ 9,000	$ -	$ 9,000
0720-1590-68130	Park Rec. Back (1) MFP	$ -	$ -	$ -	$ 9,000	$ -	$ 9,000
	Total	$ -	$ -	$ -	$ 36,000	$ -	$ 36,000

How will this improve our service level and efficiency?

A regular replacement schedule keeps staff working efficiently and helps eliminate existing issues with obsolete, old, or failing equipment.

City of Waukesha, Wisconsin

EQUIPMENT REPLACEMENT FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept Contact: Greg Vanness
Dept Head: Bret Mantey
Department: Information Technology

Classification of Expenditure:	Printer Replacements
Addition or Replacement:	Replacements
Initial Cost	$ 43,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 43,000
Est. Salvage Value of Former Capital Asset	$ 800
EST. INITIAL INVESTMENT	$ 42,200

Justification for Equipment Replacement Fund Expenditure

Planned printer/copier replacements will displace 6-8 year old devices. Printers on the list are not covered under the managed print service contract and would rid the City of older, higher cost machines. Copiers that are being replaced address slowness issues and give the City a lower over-all cost of operation for the machine. Maintenance is an internal chargeback that Finance budgets for. These costs are based on usage which fluctuates on a monthly basis.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-47480	Department Chargebacks	$ -	$ -	$ -	$ -	$ 43,000	$ 43,000
	Total	$ -	$ -	$ -	$ -	$ 43,000	$ 43,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0720-1590-68130	Community Dev (1) MFP	$ -	$ -	$ -	$ -	$ 9,000	$ 9,000
0720-1590-68130	City Attorney (1) MFP	$ -	$ -	$ -	$ -	$ 9,000	$ 9,000
0720-1590-68130	Assessor (1) MFP	$ -	$ -	$ -	$ -	$ 9,000	$ 9,000
0720-1590-68130	IT Training Room (1) MFP	$ -	$ -	$ -	$ -	$ 7,000	$ 7,000
0720-1590-68130	PD SGTS. Commons (1) MFP	$ -	$ -	$ -	$ -	$ 9,000	$ 9,000
	Total	$ -	$ -	$ -	$ -	$ 43,000	$ 43,000

How will this improve our service level and efficiency?

A regular replacement schedule keeps staff working efficiently and helps eliminate existing issues with obsolete, old, or failing equipment.

Fleet by Year

Department	Project Name	2016	2017	2018	2019	2020	Total
	Governmental Funds:						
Police	Marked Squad (Fleet 2)	$ 39,950	$ -	$ -	$ 42,962	$ -	$ 82,912
	Unmarked SUV (Fleet 3)	31,090	-	-	-	-	31,090
	Marked Squad (Fleet 4)	39,950	-	-	42,962	-	82,912
	Marked Squad (Fleet 6)	39,950	-	-	42,962	-	82,912
	Marked Squad (Fleet 10)	39,950	-	-	42,962	-	82,912
	Marked Heavy Duty SUV (Flt. 12)	47,880	-	-	-	52,853	100,733
	Unmarked Squad (Fleet 15)	-	-	-	30,695	-	30,695
	Marked Squad (Fleet 16)	39,950	-	-	42,962	-	82,912
	Unmarked Sedan (Fleet 19)	28,090	-	-	-	-	28,090
	Marked Squad (Fleet 24)	39,950	-	-	42,962	-	82,912
	Unmarked Squad Car (Fleet 27)	-	-	-	30,695	-	30,695
	Patrol Heavy Duty SUV (Fleet 28)	-	-	-	67,000	-	67,000
	Unmarked Sedan (Fleet 33)	31,090	-	-	-	-	31,090
	Marked Heavy Duty SUV (Fleet 34)	-	-	-	52,189	-	52,189
	Marked Squad (Fleet 38)	39,950	-	-	42,962	-	82,912
	Unmarked Squad (Fleet 41)	28,090	-	-	-	-	28,090
	Marked Squad (Fleet 8)	-	41,210	-	-	44,062	85,272
	Unmarked Squad (Fleet 9)	-	28,933	-	-	-	28,933
	Marked Squad SUV (Fleet 14)	-	44,700	-	-	48,726	93,426
	Marked Squad SUV (Fleet 18)	-	44,700	-	-	48,726	93,426
	Unmarked Squad Car (Fleet 21)	-	-	-	-	31,616	31,616
	Unmarked Squad Car (Fleet 31)	-	28,933	-	-	-	28,933
	Marked Squad SUV (Fleet 32)	-	44,700	-	-	48,726	93,426
	Marked Squad SUV (Fleet 36)	-	44,700	-	-	48,726	93,426
	Unmarked Squad Car (Fleet 39)	-	28,933	-	-	-	28,933
	Marked Squad Car (Fleet 44)	-	41,210	-	-	44,062	85,272
	Marked Squad SUV (Fleet 48)	-	44,700	-	-	48,726	93,426
	Marked Squad SUV (Fleet 52)	-	44,700	-	-	48,726	93,426
	Unmarked Squad (Fleet 1)	-	-	29,801	-	-	29,801
	Unmarked Squad (Fleet 11)	-	-	29,801	-	-	29,801
	Unmarked Squad (Fleet 13)	-	-	29,801	-	-	29,801
	Marked Squad SUV (Fleet 20)	-	-	46,000	-	-	46,000
	Marked Squad SUV (Fleet 22)	-	-	46,000	-	-	46,000
	Marked Squad SUV (Fleet 26)	-	-	46,000	-	-	46,000
	Marked Transport Van (Fleet 30)	-	-	76,000	-	-	76,000
	Unmarked Squad (Fleet 45)	-	-	29,801	-	-	29,801
	Marked CEFU Van (Fleet 47)	-	-	33,000	-	-	33,000
	Police Total	**$ 445,890**	**$ 437,419**	**$ 366,204**	**$ 481,313**	**$ 464,949**	**$ 2,195,775**
PRF	Ford Hi-Ranger F-700 Fleet #62	$ 22,000	$ -	$ -	$ -	$ -	$ 22,000
	Ford SUV (Escape) Fleet #27	32,000	-	-	-	-	32,000
	Ford F250 4x4 Pickup Fleet #29	32,000	-	-	-	-	32,000
	Ford F250 Pickup Fleet #11	35,000	-	-	-	-	35,000
	Chevy Express Cargo Van Fleet #31	26,000	-	-	-	-	26,000
	Butler 20ft. Equipment Trailer #1007	10,000	-	-	-	-	10,000
	Chevy Truck with Garbage Pck. Fleet #30	-	80,000	-	-	-	80,000
	11-Ft. Cut-Wide Mower Fleet #50	75,000	-	-	-	-	75,000
	John Deer Backhoe/Loader Fleet #8	-	125,000	-	-	-	125,000
	PRF Vehicle Replacement	-	435,000	438,000	439,000	416,000	1,728,000
	Parks and Recreation Total	**$232,000**	**$640,000**	**$438,000**	**$439,000**	**$416,000**	**$2,165,000**
Comm. Dev.	Inspection Sedan	$ 18,250	$ 19,000	$ 19,450	$ 20,450	$ -	$ 77,150
	Community Development Total	**$ 18,250**	**$ 19,000**	**$ 19,450**	**$ 20,450**	**$ -**	**$ 77,150**
DPW	5/6 Yard Dump Truck w/Plow	$ 157,000	$ -	$ -	$ -	$ -	$ 157,000
	25,000 LBS Trailer	75,000	$ -	$ -	$ -	$ -	75,000
	Skid Steer Loader	47,000	$ -	$ -	$ -	$ -	47,000
	Front End Loader CG#124	236,250	$ -	$ -	$ -	$ -	236,250
	Front End Loader CG#126	236,250	$ -	$ -	$ -	$ -	236,250
	Front End Loader CG#165	-	$ 236,250	$ -	$ -	$ -	236,250
	Back-Hoe	-	$ 122,000	$ -	$ -	$ -	122,000
	Bucket Tower	70,000	$ -	$ -	$ -	$ -	70,000
	DPW Vehicle Replacement	-	1,140,000	1,100,000	1,345,000	1,265,500	4,850,500
	DPW Total	**$ 821,500**	**$ 1,498,250**	**$ 1,100,000**	**$ 1,345,000**	**$ 1,265,500**	**$ 6,030,250**
Engineering	Survey Van	$ 25,000					$ 25,000
	Survey Van	25,000					25,000
	DPW -Engineering Total	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**
Fire	Ambulance #82	$ 238,010	$ -	$ -	$ -	$ -	$ 238,010
	Ambulance #84	216,100	-	-	-	-	216,100
	Ambulance #85	-	216,100	-	-	-	216,100
	Ambulance #91	-	-	216,100	-	-	216,100
	Ambulance #132 Re-Chassis	-	-	-	-	150,000	150,000
	Car Replacements: #42, #52, #81	42,500	-	45,050	-	47,750	135,300
	Fire Engine Replacement #962, #011	-	660,000	-	712,000	-	1,372,000
	Van Replacement #41	-	-	-	-	50,000	50,000
	Fire Total	**$ 496,610**	**$ 876,100**	**$ 261,150**	**$ 712,000**	**$ 247,750**	**$ 2,593,610**
	Governmental Funds Fleet Totals	**$ 2,064,250**	**$ 3,470,769**	**$ 2,184,804**	**$ 2,997,763**	**$ 2,394,199**	**$ 13,111,785**

Fleet by Year

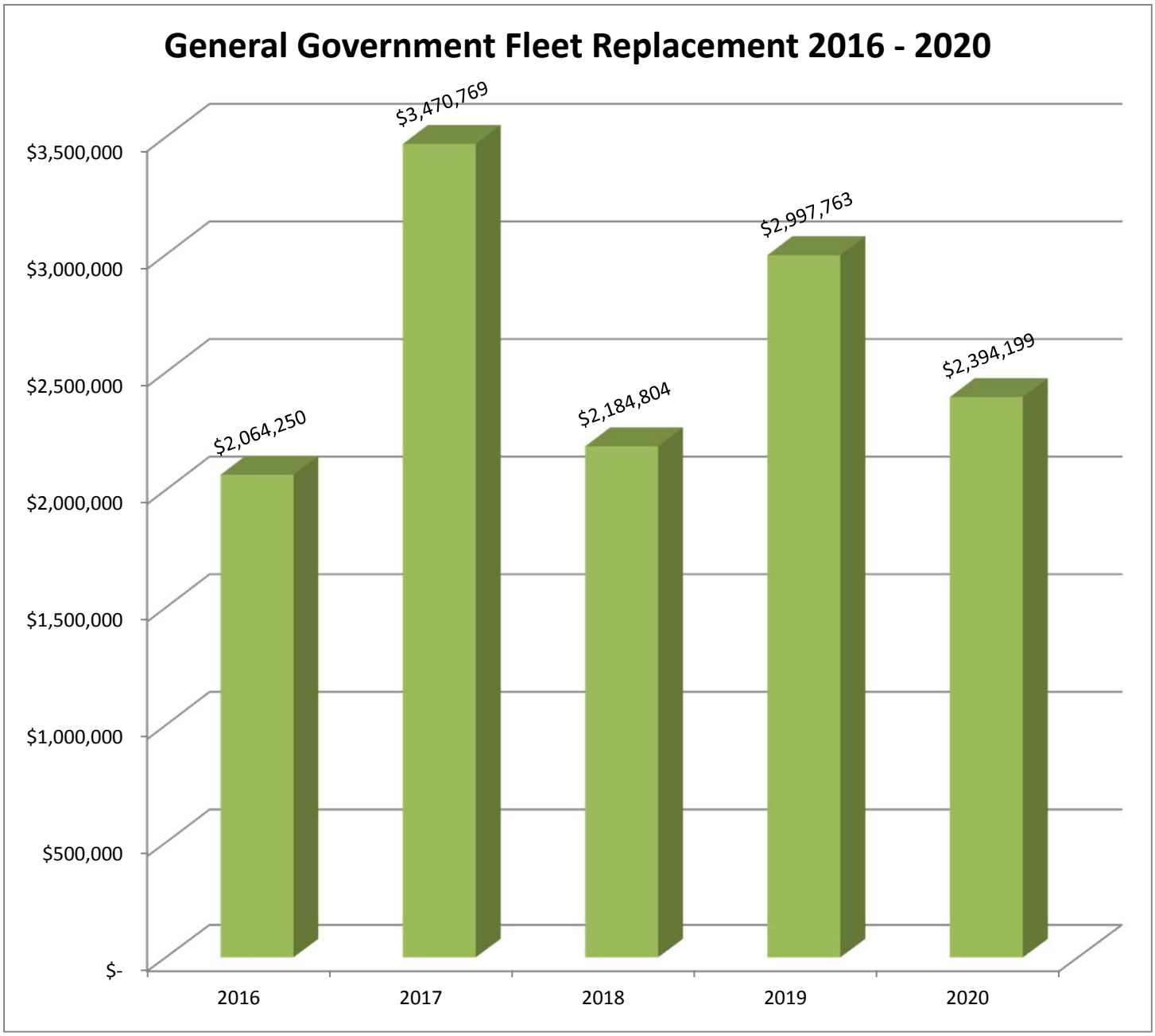
Department	Project Name	2016	2017	2018	2019	2020	Total
	Enterprise Funds:						
Transit	Three 35-Foot Fixed Route Buses	$ 1,230,000	$ -	$ -	$ -	$ -	$ 1,230,000
	2 Fixed Route Buses	-	820,000	-	-	-	820,000
	4 Fixed Route Buses	-	-	1,640,000	-	-	1,640,000
	5 Paratransit Buses	-	-	-	1,000,000	-	1,000,000
	3 35-Ft. Fixed-Route Buses	-	-	-	-	1,470,000	1,470,000
	Transit Total	**$ 1,230,000**	**$ 820,000**	**$ 1,640,000**	**$ 1,000,000**	**$ 1,470,000**	**$ 6,160,000**
WWTP	Pick Up Truck with Tool Boxes WWTP #16	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000
	Pick Up Truck 1/2 Ton 4x4 WWTP #1	-	27,000	-	-	-	27,000
	F750 Sewer Flusher WWTP #66	-	165,000	-	-	-	165,000
	Pick Up Truck with Tool Boxes WWTP #17	-	30,000	-	-	-	30,000
	Pretreatment Sample Van WWTP #5	-	-	24,000	-	-	24,000
	1-Ton Pick Up w/plow & salter WWTP #13	-	-	42,000	-	-	42,000
	Sewer Vacuum Truck WWTP #15	-	-	-	250,000	-	250,000
	3/4 Ton Pick-Up Truck WWTP #9	-	-	-	27,000	-	27,000
	WWTP Total	**$ 30,000**	**$ 222,000**	**$ 66,000**	**$ 277,000**	**$ -**	**$ 595,000**
Cemetery	1-Ton Dump Truck	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000
	Workman 330 Replacement	-	-	-	20,000	-	20,000
	Cemetery Total	**$ -**	**$ -**	**$ 60,000**	**$ 20,000**	**$ -**	**$ 80,000**
Parking	Marked Parking SUV (Fleet 42)	$ -	$ -	$ -	$ -	$ 33,000	$ 33,000
	Parking Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ 33,000**	**$ 33,000**
	Enterprise Funds Fleet Total	**$ 1,260,000**	**$ 1,042,000**	**$ 1,766,000**	**$ 1,297,000**	**$ 1,503,000**	**$ 6,868,000**
	Grand Total Fleet	**$ 3,324,250**	**$ 4,512,769**	**$ 3,950,804**	**$ 4,294,763**	**$ 3,897,199**	**$ 19,979,785**

Fleet Replacement 2016-2020

Fleet Replacement typically consists of the City's vehicles and other heavy equipment. The Police Department and the Department of Public Works generate the most fleet replacement requests due to their heavy use of vehicles for their job duties.

Large specialized equipment such as Fire Trucks and Backhoe/Loaders are major investments, and the City should plans accordingly in order to avoid large peaks and valleys as it relates to borrowing for our fleet replacements.

It is important to note that a vehicle's mileage is only one factor to be considered as it relates to its replacement. The vehicle's total running hours and maintenance costs should also be considered. In many cases, the type of driving/work being completed by our vehicles is different than an average residential driver.



City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 2)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles, and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 74,074 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked SUV (Fleet 3)
Addition or Replacement:	Replacement

Initial Cost	$ 31,090
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 38,590
Est. Salvage Value of Former Capital Asset	$ 1,500
EST. INITIAL INVESTMENT	$ 29,590

Justification for Fleet Expenditure

This is a replacement of a 2001 Unmarked Police Sedan. This vehicle will have over 80,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 80,331 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 29,590	$ -	$ -	$ -	$ -	$ 29,590
0430-4305-48330	Sale of City Property	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
	Total	$ 31,090	$ -	$ -	$ -	$ -	$ 31,090

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ 27,000	$ -	$ -	$ -	$ -	$ 27,000
0430-4310-68110	Accessories	$ 4,090	$ -	$ -	$ -	$ -	$ 4,090
	Total	$ 31,090	$ -	$ -	$ -	$ -	$ 31,090

How will this improve our service level and efficiency?

This will maintain the safety of the fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 4)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 62,675 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 6)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 53,001 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 10)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 57,528 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Heavy Duty SUV (Fleet 12)
Addition or Replacement:	Replacement

Initial Cost	$ 47,880
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 55,380
Est. Salvage Value of Former Capital Asset	$ 3,500
EST. INITIAL INVESTMENT	$ 44,380

Justification for Fleet Expenditure

This is a replacement of a 2012 Marked Police Heavy Duty SUV. This is a patrol vehicle that contains special equipment. The most cost effective replacement schedule for this marked squad car is 4 years. After 4 years, this vehicle will typically have between 110,000-130,000 miles and is outside of the factory warranty. The vehicle is likely to require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 117,244 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 44,380	$ -	$ -	$ -	$ -	$ 44,380
0430-4305-48330	Sale of City Property	$ 3,500	$ -	$ -	$ -	$ -	$ 3,500
	Total	$ 47,880	$ -	$ -	$ -	$ -	$ 47,880

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000
0430-4310-68110	Accessories	$ 15,880	$ -	$ -	$ -	$ -	$ 15,880
	Total	$ 47,880	$ -	$ -	$ -	$ -	$ 47,880

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 16)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 47,170 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 19)
Addition or Replacement:	Replacement

Initial Cost	$ 28,090
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 35,590
Est. Salvage Value of Former Capital Asset	$ 1,500
EST. INITIAL INVESTMENT	$ 26,590

Justification for Fleet Expenditure

This is a replacement of a 2005 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 92,670 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 26,590	$ -	$ -	$ -	$ -	$ 26,590
0430-4305-48330	Sale of City Property	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
	Total	$ 28,090	$ -	$ -	$ -	$ -	$ 28,090

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 3,090	$ -	$ -	$ -	$ -	$ 3,090
	Total	$ 28,090	$ -	$ -	$ -	$ -	$ 28,090

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 24)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 60,249 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked SUV (Fleet 33)
Addition or Replacement:	Replacement

Initial Cost	$ 31,090
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 38,590
Est. Salvage Value of Former Capital Asset	$ 1,500
EST. INITIAL INVESTMENT	$ 29,590

Justification for Fleet Expenditure

This is a replacement of a 2005 Unmarked Police Sedan. This vehicle will have over 80,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 74,251 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 29,590	$ -	$ -	$ -	$ -	$ 29,590
0430-4305-48330	Sale of City Property	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
	Total	$ 31,090	$ -	$ -	$ -	$ -	$ 31,090

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ 27,000	$ -	$ -	$ -	$ -	$ 27,000
0430-4310-68110	Accessories	$ 4,090	$ -	$ -	$ -	$ -	$ 4,090
	Total	$ 31,090	$ -	$ -	$ -	$ -	$ 31,090

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 38)
Addition or Replacement:	Replacement

Initial Cost	$ 39,950
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 47,450
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 37,450

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 58,407 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 37,450	$ -	$ -	$ -	$ -	$ 37,450
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 14,950	$ -	$ -	$ -	$ -	$ 14,950
	Total	$ 39,950	$ -	$ -	$ -	$ -	$ 39,950

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 41)
Addition or Replacement:	Replacement

Initial Cost	$ 28,090
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 35,590
Est. Salvage Value of Former Capital Asset	$ 1,500
EST. INITIAL INVESTMENT	$ 26,590

Justification for Fleet Expenditure

This is a replacement of a 2004 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving. Mileage on this vehicle as of 8/3/15 is 89,414 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 26,590	$ -	$ -	$ -	$ -	$ 26,590
0430-4305-48330	Sale of City Property	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
	Total	$ 28,090	$ -	$ -	$ -	$ -	$ 28,090

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
0430-4310-68110	Accessories	$ 3,090	$ -	$ -	$ -	$ -	$ 3,090
	Total	$ 28,090	$ -	$ -	$ -	$ -	$ 28,090

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 8)
Addition or Replacement:	Replacement

Initial Cost	$ 41,210
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 48,710
Est. Salvage Value of Former Capital Asset	$ 2,575
EST. INITIAL INVESTMENT	$ 38,635

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 38,635	$ -	$ -	$ -	$ 38,635
0430-4305-48330	Sale of City Property	$ -	$ 2,575	$ -	$ -	$ -	$ 2,575
	Total	$ -	$ 41,210	$ -	$ -	$ -	$ 41,210

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ 25,750	$ -	$ -	$ -	$ 25,750
0430-4310-68110	Accessories	$ -	$ 15,460	$ -	$ -	$ -	$ 15,460
	Total	$ -	$ 41,210	$ -	$ -	$ -	$ 41,210

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 9)
Addition or Replacement:	Replacement

Initial Cost	$ 28,933
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 36,433
Est. Salvage Value of Former Capital Asset	$ 1,545
EST. INITIAL INVESTMENT	$ 27,388

Justification for Fleet Expenditure

This is a replacement of a 2003 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 27,388	$ -	$ -	$ -	$ 27,388
0430-4305-48330	Sale of City Property	$ -	$ 1,545	$ -	$ -	$ -	$ 1,545
	Total	$ -	$ 28,933	$ -	$ -	$ -	$ 28,933

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ 25,750	$ -	$ -	$ -	$ 25,750
0430-4310-68110	Accessories	$ -	$ 3,183	$ -	$ -	$ -	$ 3,183
	Total	$ -	$ 28,933	$ -	$ -	$ -	$ 28,933

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 14)
Addition or Replacement:	Replacement

Initial Cost	$ 44,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 52,200
Est. Salvage Value of Former Capital Asset	$ 3,575
EST. INITIAL INVESTMENT	$ 41,125

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 41,125	$ -	$ -	$ -	$ 41,125
0430-4305-48330	Sale of City Property	$ -	$ 3,575	$ -	$ -	$ -	$ 3,575
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ 27,810	$ -	$ -	$ -	$ 27,810
0430-4310-68110	Accessories	$ -	$ 16,890	$ -	$ -	$ -	$ 16,890
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 18)
Addition or Replacement:	Replacement

Initial Cost	$ 44,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 52,200
Est. Salvage Value of Former Capital Asset	$ 3,575
EST. INITIAL INVESTMENT	$ 41,125

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 41,125	$ -	$ -	$ -	$ 41,125
0430-4305-48330	Sale of City Property	$ -	$ 3,575	$ -	$ -	$ -	$ 3,575
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ 27,810	$ -	$ -	$ -	$ 27,810
0430-4310-68110	Accessories	$ -	$ 16,890	$ -	$ -	$ -	$ 16,890
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 31)
Addition or Replacement:	Replacement

Initial Cost	$ 28,933
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 36,433
Est. Salvage Value of Former Capital Asset	$ 1,545
EST. INITIAL INVESTMENT	$ 27,388

Justification for Fleet Expenditure

This is a replacement of a 2005 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 27,388	$ -	$ -	$ -	$ 27,388
0430-4305-48330	Sale of City Property	$ -	$ 1,545	$ -	$ -	$ -	$ 1,545
	Total	$ -	$ 28,933	$ -	$ -	$ -	$ 28,933

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ 25,750	$ -	$ -	$ -	$ 25,750
0430-4310-68110	Accessories	$ -	$ 3,183	$ -	$ -	$ -	$ 3,183
	Total	$ -	$ 28,933	$ -	$ -	$ -	$ 28,933

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 32)
Addition or Replacement:	Replacement

Initial Cost	$ 44,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 52,200
Est. Salvage Value of Former Capital Asset	$ 3,575
EST. INITIAL INVESTMENT	$ 41,125

Justification for Fleet Expenditure

This is a replacement of a 2011 Marked Police sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 41,125	$ -	$ -	$ -	$ 41,125
0430-4305-48330	Sale of City Property	$ -	$ 3,575	$ -	$ -	$ -	$ 3,575
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ 27,810	$ -	$ -	$ -	$ 27,810
0430-4310-68110	Accessories	$ -	$ 16,890	$ -	$ -	$ -	$ 16,890
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 36)
Addition or Replacement:	Replacement

Initial Cost	$ 44,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 52,200
Est. Salvage Value of Former Capital Asset	$ 3,575
EST. INITIAL INVESTMENT	$ 41,125

Justification for Fleet Expenditure

This is a replacement of a 2011 Marked Police sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 41,125	$ -	$ -	$ -	$ 41,125
0430-4305-48330	Sale of City Property	$ -	$ 3,575	$ -	$ -	$ -	$ 3,575
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ 27,810	$ -	$ -	$ -	$ 27,810
0430-4310-68110	Accessories	$ -	$ 16,890	$ -	$ -	$ -	$ 16,890
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 39)
Addition or Replacement:	Replacement

Initial Cost	$ 28,933
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 36,433
Est. Salvage Value of Former Capital Asset	$ 1,545
EST. INITIAL INVESTMENT	$ 27,388

Justification for Fleet Expenditure

This is a replacement of a 2001 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 27,388	$ -	$ -	$ -	$ 27,388
0430-4305-48330	Sale of City Property	$ -	$ 1,545	$ -	$ -	$ -	$ 1,545
	Total	$ -	$ 28,933	$ -	$ -	$ -	$ 28,933

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ 25,750	$ -	$ -	$ -	$ 25,750
0430-4310-68110	Accessories	$ -	$ 3,183	$ -	$ -	$ -	$ 3,183
	Total	$ -	$ 28,933	$ -	$ -	$ -	$ 28,933

How will this improve our service level and efficiency?

This will maintain the safety of the fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 44)
Addition or Replacement:	Replacement

Initial Cost	$ 41,210
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 48,710
Est. Salvage Value of Former Capital Asset	$ 2,575
EST. INITIAL INVESTMENT	$ 38,635

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 38,635	$ -	$ -	$ -	$ 38,635
0430-4305-48330	Sale of City Property	$ -	$ 2,575	$ -	$ -	$ -	$ 2,575
	Total	$ -	$ 41,210	$ -	$ -	$ -	$ 41,210

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ 25,750	$ -	$ -	$ -	$ 25,750
0430-4310-68110	Accessories	$ -	$ 15,460	$ -	$ -	$ -	$ 15,460
	Total	$ -	$ 41,210	$ -	$ -	$ -	$ 41,210

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 48)
Addition or Replacement:	Replacement

Initial Cost	$ 44,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 52,200
Est. Salvage Value of Former Capital Asset	$ 3,575
EST. INITIAL INVESTMENT	$ 41,125

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 41,125	$ -	$ -	$ -	$ 41,125
0430-4305-48330	Sale of City Property	$ -	$ 3,575	$ -	$ -	$ -	$ 3,575
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ 27,810	$ -	$ -	$ -	$ 27,810
0430-4310-68110	Accessories	$ -	$ 16,890	$ -	$ -	$ -	$ 16,890
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 52)
Addition or Replacement:	Replacement

Initial Cost	$ 44,700
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 52,200
Est. Salvage Value of Former Capital Asset	$ 3,575
EST. INITIAL INVESTMENT	$ 41,125

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 41,125	$ -	$ -	$ -	$ 41,125
0430-4305-48330	Sale of City Property	$ -	$ 3,575	$ -	$ -	$ -	$ 3,575
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ 27,810	$ -	$ -	$ -	$ 27,810
0430-4310-68110	Accessories	$ -	$ 16,890	$ -	$ -	$ -	$ 16,890
	Total	$ -	$ 44,700	$ -	$ -	$ -	$ 44,700

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 1)
Addition or Replacement:	Replacement

Initial Cost	$ 29,801
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 37,301
Est. Salvage Value of Former Capital Asset	$ 1,591
EST. INITIAL INVESTMENT	$ 28,210

Justification for Fleet Expenditure

This is a replacement of a 2007 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 28,210	$ -	$ -	$ 28,210
0430-4305-48330	Sale of City Property	$ -	$ -	$ 1,591	$ -	$ -	$ 1,591
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ 26,523	$ -	$ -	$ 26,523
0430-4310-68110	Accessories	$ -	$ -	$ 3,278	$ -	$ -	$ 3,278
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 11)
Addition or Replacement:	Replacement

Initial Cost	$ 29,801
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 37,301
Est. Salvage Value of Former Capital Asset	$ 1,591
EST. INITIAL INVESTMENT	$ 28,210

Justification for Fleet Expenditure

This is a replacement of a 2006 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 28,210	$ -	$ -	$ 28,210
0430-4305-48330	Sale of City Property	$ -	$ -	$ 1,591	$ -	$ -	$ 1,591
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ 26,523	$ -	$ -	$ 26,523
0430-4310-68110	Accessories	$ -	$ -	$ 3,278	$ -	$ -	$ 3,278
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 13)
Addition or Replacement:	Replacement

Initial Cost	$ 29,801
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 37,301
Est. Salvage Value of Former Capital Asset	$ 1,591
EST. INITIAL INVESTMENT	$ 28,210

Justification for Fleet Expenditure

This is a replacement of a 2007 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 28,210	$ -	$ -	$ 28,210
0430-4305-48330	Sale of City Property	$ -	$ -	$ 1,591	$ -	$ -	$ 1,591
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ 26,523	$ -	$ -	$ 26,523
0430-4310-68110	Accessories	$ -	$ -	$ 3,278	$ -	$ -	$ 3,278
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 20)
Addition or Replacement:	Replacement

Initial Cost	$ 46,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 53,500
Est. Salvage Value of Former Capital Asset	$ 3,682
EST. INITIAL INVESTMENT	$ 42,318

Justification for Fleet Expenditure

This is a replacement of a 2015 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 42,318	$ -	$ -	$ 42,318
0430-4305-48330	Sale of City Property	$ -	$ -	$ 3,682	$ -	$ -	$ 3,682
	Total	$ -	$ -	$ 46,000	$ -	$ -	$ 46,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ 28,644	$ -	$ -	$ 28,644
0430-4310-68110	Accessories	$ -	$ -	$ 17,356	$ -	$ -	$ 17,356
	Total	$ -	$ -	$ 46,000	$ -	$ -	$ 46,000

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 22)
Addition or Replacement:	Replacement

Initial Cost	$ 46,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 53,500
Est. Salvage Value of Former Capital Asset	$ 3,682
EST. INITIAL INVESTMENT	$ 42,318

Justification for Fleet Expenditure

This is a replacement of a 2015 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 42,318	$ -	$ -	$ 42,318
0430-4305-48330	Sale of City Property	$ -	$ -	$ 3,682	$ -	$ -	$ 3,682
	Total	$ -	$ -	$ 46,000	$ -	$ -	$ 46,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ 28,644	$ -	$ -	$ 28,644
0430-4310-68110	Accessories	$ -	$ -	$ 17,356	$ -	$ -	$ 17,356
	Total	$ -	$ -	$ 46,000	$ -	$ -	$ 46,000

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 26)
Addition or Replacement:	Replacement

Initial Cost	$ 46,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 53,500
Est. Salvage Value of Former Capital Asset	$ 3,682
EST. INITIAL INVESTMENT	$ 42,318

Justification for Fleet Expenditure

This is a replacement of a 2015 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 42,318	$ -	$ -	$ 42,318
0430-4305-48330	Sale of City Property	$ -	$ -	$ 3,682	$ -	$ -	$ 3,682
	Total	$ -	$ -	$ 46,000	$ -	$ -	$ 46,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ 28,644	$ -	$ -	$ 28,644
0430-4310-68110	Accessories	$ -	$ -	$ 17,356	$ -	$ -	$ 17,356
	Total	$ -	$ -	$ 46,000	$ -	$ -	$ 46,000

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Transport Van (Fleet 30)
Addition or Replacement:	Replacement

Initial Cost	$ 76,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 83,500
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 73,500

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police Transport Van. The most cost effective replacement schedule for this vehicle is 4 years. After 4 years, this car will typically have between 110,000-140,000 miles and is outside of the factory warranty. it will likely require major component replacement and become unsafe for emergency driving. This vehicle will require replacement of the current prisoner cage insert in the back of the vehicle as the current cage will not fit the new vehicles. The vehicle will also require a lift system to provide for transport of subjects restrained in a chair.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 73,500	$ -	$ -	$ 73,500
0430-4305-48330	Sale of City Property	$ -	$ -	$ 2,500	$ -	$ -	$ 2,500
	Total	$ -	$ -	$ 76,000	$ -	$ -	$ 76,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked van	$ -	$ -	$ 28,000	$ -	$ -	$ 28,000
0430-4310-68110	Accessories	$ -	$ -	$ 48,000	$ -	$ -	$ 48,000
	Total	$ -	$ -	$ 76,000	$ -	$ -	$ 76,000

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 45)
Addition or Replacement:	Replacement

Initial Cost	$ 29,801
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 37,301
Est. Salvage Value of Former Capital Asset	$ 1,591
EST. INITIAL INVESTMENT	$ 28,210

Justification for Fleet Expenditure

This is a replacement of a 2008 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 28,210	$ -	$ -	$ 28,210
0430-4305-48330	Sale of City Property	$ -	$ -	$ 1,591	$ -	$ -	$ 1,591
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ 26,523	$ -	$ -	$ 26,523
0430-4310-68110	Accessories	$ -	$ -	$ 3,278	$ -	$ -	$ 3,278
	Total	$ -	$ -	$ 29,801	$ -	$ -	$ 29,801

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked CEFU Van (Fleet 47)
Addition or Replacement:	Replacement

Initial Cost	$ 33,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 40,500
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 30,500

Justification for Fleet Expenditure

This is a replacement of a 2005 Marked Police CEFU Van. The most cost effective replacement schedule for this vehicle is 10-12 years. After 10-12 years, this car will typically have between 110,000-140,000 miles and is outside of the factory warranty. it will likely require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 30,500	$ -	$ -	$ 30,500
0430-4305-48330	Sale of City Property	$ -	$ -	$ 2,500	$ -	$ -	$ 2,500
	Total	$ -	$ -	$ 33,000	$ -	$ -	$ 33,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked van	$ -	$ -	$ 28,000	$ -	$ -	$ 28,000
0430-4310-68110	Accessories	$ -	$ -	$ 5,000	$ -	$ -	$ 5,000
	Total	$ -	$ -	$ 33,000	$ -	$ -	$ 33,000

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 2)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 4)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 6)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 10)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 15)
Addition or Replacement:	Replacement

Initial Cost	$ 30,695
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 38,195
Est. Salvage Value of Former Capital Asset	$ 1,639
EST. INITIAL INVESTMENT	$ 29,056

Justification for Fleet Expenditure

This is a replacement of a 2009 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 29,056	$ -	$ 29,056
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 1,639	$ -	$ 1,639
	Total	$ -	$ -	$ -	$ 30,695	$ -	$ 30,695

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,319	$ -	$ 27,319
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 3,376	$ -	$ 3,376
	Total	$ -	$ -	$ -	$ 30,695	$ -	$ 30,695

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 16)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 24)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 27)
Addition or Replacement:	Replacement

Initial Cost	$ 30,695
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 38,195
Est. Salvage Value of Former Capital Asset	$ 1,639
EST. INITIAL INVESTMENT	$ 29,056

Justification for Fleet Expenditure

This is a replacement of a 2009 Unmarked Police mini-van. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 29,056	$ -	$ 29,056
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 1,639	$ -	$ 1,639
	Total	$ -	$ -	$ -	$ 30,695	$ -	$ 30,695

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,319	$ -	$ 27,319
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 3,376	$ -	$ 3,376
	Total	$ -	$ -	$ -	$ 30,695	$ -	$ 30,695

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Patrol Heavy Duty Extended SUV (Fleet 28)
Addition or Replacement:	Replacement

Initial Cost	$ 67,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 74,500
Est. Salvage Value of Former Capital Asset	$ 4,500
EST. INITIAL INVESTMENT	$ 62,500

Justification for Fleet Expenditure

This is a replacement of a 2015 Unmarked Police Heavy Duty SUV. This is a patrol vehicle that contains command and control equipment for management of critical incidents and staging area operations. The most cost effective replacement schedule for this marked squad car is 4 years. After 4 years, this vehicle will typically have between 110,000-130,000 miles and is outside of the factory warranty. The vehicle is likely to require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 62,500	$ -	$ 62,500
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 4,500	$ -	$ 4,500
	Total	$ -	$ -	$ -	$ 67,000	$ -	$ 67,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ 32,000	$ -	$ 32,000
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 35,000	$ -	$ 35,000
	Total	$ -	$ -	$ -	$ 67,000	$ -	$ 67,000

How will this improve our service level and efficiency?

This will maintain the safety of the fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Heavy Duty SUV (Fleet 34)
Addition or Replacement:	Replacement

Initial Cost	$ 52,189
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 59,689
Est. Salvage Value of Former Capital Asset	$ 3,815
EST. INITIAL INVESTMENT	$ 48,374

Justification for Fleet Expenditure

This is a replacement of a 2012 Marked Police Heavy Duty SUV. This is a patrol vehicle that contains special equipment. The most cost effective replacement schedule for this marked squad car is 4 years. After 4 years, this vehicle will typically have between 110,000-130,000 miles and is outside of the factory warranty. The vehicle is likely to require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 48,374	$ -	$ 48,374
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 3,815	$ -	$ 3,815
	Total	$ -	$ -	$ -	$ 52,189	$ -	$ 52,189

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ 34,880	$ -	$ 34,880
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 17,309	$ -	$ 17,309
	Total	$ -	$ -	$ -	$ 52,189	$ -	$ 52,189

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 38)
Addition or Replacement:	Replacement

Initial Cost	$ 42,962
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 50,462
Est. Salvage Value of Former Capital Asset	$ 2,725
EST. INITIAL INVESTMENT	$ 40,237

Justification for Fleet Expenditure

This is a replacement of a 2013 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ 40,237	$ -	$ 40,237
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 2,725	$ -	$ 2,725
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ 27,250	$ -	$ 27,250
0430-4310-68110	Accessories	$ -	$ -	$ -	$ 15,712	$ -	$ 15,712
	Total	$ -	$ -	$ -	$ 42,962	$ -	$ 42,962

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Heavy Duty SUV (Fleet 12)
Addition or Replacement:	Replacement

Initial Cost	$ 52,853
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 60,353
Est. Salvage Value of Former Capital Asset	$ 3,920
EST. INITIAL INVESTMENT	$ 48,933

Justification for Fleet Expenditure

This is a replacement of a 2012 Marked Police Heavy Duty SUV. This is a patrol vehicle that contains special equipment. The most cost effective replacement schedule for this marked squad car is 4 years. After 4 years, this vehicle will typically have between 110,000-130,000 miles and is outside of the factory warranty. The vehicle is likely to require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 48,933	$ 48,933
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,920	$ 3,920
	Total	$ -	$ -	$ -	$ -	$ 52,853	$ 52,853

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 35,840	$ 35,840
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 17,013	$ 17,013
	Total	$ -	$ -	$ -	$ -	$ 52,853	$ 52,853

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 8)
Addition or Replacement:	Replacement

Initial Cost	$ 44,062
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 51,562
Est. Salvage Value of Former Capital Asset	$ 2,807
EST. INITIAL INVESTMENT	$ 41,255

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 41,255	$ 41,255
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 2,807	$ 2,807
	Total	$ -	$ -	$ -	$ -	$ 44,062	$ 44,062

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ -	$ 28,067	$ 28,067
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 15,995	$ 15,995
	Total	$ -	$ -	$ -	$ -	$ 44,062	$ 44,062

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 14)
Addition or Replacement:	Replacement

Initial Cost	$ 48,726
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 56,226
Est. Salvage Value of Former Capital Asset	$ 3,900
EST. INITIAL INVESTMENT	$ 44,826

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 44,826	$ 44,826
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,900	$ 3,900
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 30,313	$ 30,313
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 18,413	$ 18,413
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 18)
Addition or Replacement:	Replacement

Initial Cost	$ 48,726
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 56,226
Est. Salvage Value of Former Capital Asset	$ 3,900
EST. INITIAL INVESTMENT	$ 44,826

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 44,826	$ 44,826
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,900	$ 3,900
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 30,313	$ 30,313
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 18,413	$ 18,413
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Unmarked Squad Car (Fleet 21)
Addition or Replacement:	Replacement

Initial Cost	$ 31,616
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 39,116
Est. Salvage Value of Former Capital Asset	$ 1,688
EST. INITIAL INVESTMENT	$ 29,928

Justification for Fleet Expenditure

This is a replacement of a 2010 Unmarked Police Sedan. This vehicle will have over 90,000 miles. The most cost effective replacement schedule for unmarked squad cars is every 10-12 years. After 10-12 years, the unmarked cars typically have between 80,000-100,000 miles. They often have significant structural degradation and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 29,928	$ 29,928
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 1,688	$ 1,688
	Total	$ -	$ -	$ -	$ -	$ 31,616	$ 31,616

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ -	$ 28,139	$ 28,139
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 3,477	$ 3,477
	Total	$ -	$ -	$ -	$ -	$ 31,616	$ 31,616

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 32)
Addition or Replacement:	Replacement

Initial Cost	$ 48,726
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 56,226
Est. Salvage Value of Former Capital Asset	$ 3,900
EST. INITIAL INVESTMENT	$ 44,826

Justification for Fleet Expenditure

This is a replacement of a 2017 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 44,826	$ 44,826
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,900	$ 3,900
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 30,313	$ 30,313
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 18,413	$ 18,413
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 36)
Addition or Replacement:	Replacement

Initial Cost	$ 48,726
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 56,226
Est. Salvage Value of Former Capital Asset	$ 3,900
EST. INITIAL INVESTMENT	$ 44,826

Justification for Fleet Expenditure

This is a replacement of a 2017 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 44,826	$ 44,826
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,900	$ 3,900
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 30,313	$ 30,313
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 18,413	$ 18,413
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad Car (Fleet 44)
Addition or Replacement:	Replacement

Initial Cost	$ 44,062
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 51,562
Est. Salvage Value of Former Capital Asset	$ 2,807
EST. INITIAL INVESTMENT	$ 41,255

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police Sedan. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 41,255	$ 41,255
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 2,807	$ 2,807
	Total	$ -	$ -	$ -	$ -	$ 44,062	$ 44,062

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked Sedan	$ -	$ -	$ -	$ -	$ 28,067	$ 28,067
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 15,995	$ 15,995
	Total	$ -	$ -	$ -	$ -	$ 44,062	$ 44,062

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 48)
Addition or Replacement:	Replacement

Initial Cost	$ 48,726
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 56,226
Est. Salvage Value of Former Capital Asset	$ 3,900
EST. INITIAL INVESTMENT	$ 44,826

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 44,826	$ 44,826
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,900	$ 3,900
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 30,313	$ 30,313
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 18,413	$ 18,413
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Squad SUV (Fleet 52)
Addition or Replacement:	Replacement

Initial Cost	$ 48,726
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 56,226
Est. Salvage Value of Former Capital Asset	$ 3,900
EST. INITIAL INVESTMENT	$ 44,826

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Police SUV. The most cost effective replacement schedule for marked squad cars is 3 years. After 3 years, the marked cars typically have between 80,000-100,000 miles and are outside of the factory warranty. They often require major component replacement and become unsafe for emergency driving.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 44,826	$ 44,826
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,900	$ 3,900
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4310-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 30,313	$ 30,313
0430-4310-68110	Accessories	$ -	$ -	$ -	$ -	$ 18,413	$ 18,413
	Total	$ -	$ -	$ -	$ -	$ 48,726	$ 48,726

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek — Fleet #62
Dept. Head: Ron Grall
Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Ford Hi-Ranger F-700 Bucket Truck
Addition or Replacement:	Mandatory 5 year Re-build of the Tower

Initial Cost	$ 22,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 27,000
Est. Salvage Value of Former Capital Asset	$ -
EST. INITIAL INVESTMENT	$ 22,000

Justification for Fleet Expenditure

This bucket truck is due for it's annual inspection and mandatory (OSHA) 5 year rebuild. Typically, all leveling and holdback cables and chains are replaced. Also replaced are the boom lift cables, and inspection of all leveling rods for damage. All associated hardware are replaced. The cost could be up to $4,000. We expect to hold onto this vehicle until 2019.

We expect to hold on to this bu	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 22,000	$ -	$ -	$ -	$ -	$ 22,000
	Total	$ 22,000	$ -	$ -	$ -	$ -	$ 22,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68140	Bucket Truck	$ 22,000	$ -	$ -	$ -	$ -	$ 22,000
	Total	$ 22,000	$ -	$ -	$ -	$ -	$ 22,000

How will this improve our service level and efficiency?

This bucket truck is one of three within the Forestry Division. It is used for large tree removals both on City streets, and in the parks. It is vital in emergency storm work to gain access into difficult situations. The other two bucket trucks are expected to be replaced in 2015. This vehicle has a service life until 2019.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Fleet #27

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Ford SUV (Escape)
Addition or Replacement:	Replacement

Initial Cost	$ 32,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 37,000
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 31,500

Justification for Fleet Expenditure

This Ford Taurus Sedan vehicle (1997) has not been driven all year due to severe rust and corrosion of the underbody frame. Our mechanic has pulled it out of service for safety reasons. A sedan (Ford Taurus) is no longer practical for the needs of the department. An SUV (Escape) with a 4 x 4 option provides greater mobility and versatility for hauling equipment, reaching remote locations over tough terrain, and assisting with set-up for special events and programs. This vehicle is used by multiple staff including office staff, supervisors and the director. Current vehicle has 51,010 miles and $4,806 life-to-date repair parts and labor.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 31,500	$ -	$ -	$ -	$ -	$ 31,500
0430-4305-48330	Sale of City Property	$ 500	$ -	$ -	$ -	$ -	$ 500
	Total	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68110	SUV with 4 x 4	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000
	Total	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000

How will this improve our service level and efficiency?

The loss of this vehicle for 2015 created a shortage of vehicles for programs and special events. A 4 x 4 would allow the vehicle to be driven in parks for new site development, and improved winter versatility and needed access.

CITY OF WAUKESHA, WISCONSIN

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

Fleet #29

Classification of Expenditure:	Ford F250 4 x 4 Pickup Truck
Addition or Replacement:	Replacement

Initial Cost	$ 32,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 39,500
Est. Salvage Value of Former Capital Asset	$ 2,800
EST. INITIAL INVESTMENT	$ 29,200

Justification for Fleet Expenditure

This pickup is for our Facilities Mtn. Supervisor and Blds Mtn. Division. It carries tools and equipment to crews in the field on a daily basis for 2 shifts and for 7 days per week. Current mileage is 123,500, and the life-to-date repairs and labor = $11,305.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 29,200	$ -	$ -	$ -	$ -	$ 29,200
0430-4305-48330	Sale of City Property	$ 2,800	$ -	$ -	$ -	$ -	$ 2,800
	Total	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68110	1/2 Ton pickup	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000
	Total	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000

How will this improve our service level and efficiency?

Best to replace with a 4 x 4 for toboggan hill work and winter snow access to shelters. Also, standard 8 ft bed is needed for materials transport to job sites. Will need extended crew cab for crew transport.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Fleet # 11

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Ford F250 Pickup truck
Addition or Replacement:	Replacement

Initial Cost	$ 35,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 42,500
Est. Salvage Value of Former Capital Asset	$ 3,500
EST. INITIAL INVESTMENT	$ 31,500

Justification for Fleet Expenditure

This vehicle supports our parks maintenance division as a crew leader vehicle. It carries tools and equipment out to park sites, and carries a fuel transfer tank for supplying fuel to outlying work stations. Existing milage is 121,500, with life-to-date repairs and labor costs = $13,444.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 31,500	$ -	$ -	$ -	$ -	$ 31,500
0430-4305-48330	Sale of City Property	$ 3,500	$ -	$ -	$ -	$ -	$ 3,500
	Total	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68110	1/2 Ton Pickup	$ 33,900	$ -	$ -	$ -	$ -	$ 33,900
0430-4355-68110	FuelTransferTank	$ 1,100	$ -	$ -	$ -	$ -	$ 1,100
	Total	$ 35,000	$ -	$ -	$ -	$ -	$ 35,000

How will this improve our service level and efficiency?

This is the third year this vehicle is requested for replacement. A 4 x 4 option with plow frame for backup plowing options on city parking lots will help if a truck goes down. We will need to replace the existing fuel tank that is rusted as an additional purchase.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

Fleet #31

Classification of Expenditure:	Chevy Express Cargo Van
Addition or Replacement:	Replacement

Initial Cost	$ 26,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 33,500
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 23,500

Justification for Fleet Expenditure

This van is used primarily for custodial work and shelter cleaning/maintenance by our Buildings Division on a daily basis (7 days/week). It carries a supply of cleaning products, paper products for restocking restrooms and small equipment. Current mileage is 125,873 and the life-to-date repairs include parts over $8,000, with combined parts and labor of $21,046. It also burns oil at 1 qrt every two weeks and will likely need engine work in the next year or two.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 23,500	$ -	$ -	$ -	$ -	$ 23,500
0430-4305-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 26,000	$ -	$ -	$ -	$ -	$ 26,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68110	Cargo Van	$ 26,000	$ -	$ -	$ -	$ -	$ 26,000
	Total	$ 26,000	$ -	$ -	$ -	$ -	$ 26,000

How will this improve our service level and efficiency?

This van is needed to maintain our current level of service, and if it goes down, will greatly reduce our efficiencies.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

#1007 Trailer

Classification of Expenditure:	Butler 20ft. Equipment Trailer
Addition or Replacement:	Replacement

Initial Cost	$ 10,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 125
Cost Over 5 years	$ 625
TOTAL	$ 10,625
Est. Salvage Value of Former Capital Asset	$ 1,500
EST. INITIAL INVESTMENT	$ 8,500

Justification for Fleet Expenditure

This trailer is used to haul large equipment, like mowers, skid steers, and tractors to job sites. Seasonally, it is also used to haul picnic tables to special events and recover disabled equipment in the field from breakdowns. We would like to convert to a Beaver Tail fold-down ramp, for ease of loading, and with electric brakes. There is no recorded mileage on this trailer but it is 23 years old (i.e. purchsed in 1992). Repair records are incomplete, but we show $2,637 in repair parts and labor since 2001.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 8,500	$ -	$ -	$ -	$ -	$ 8,500
0430-4305-48330	Sale of City Property	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
	Total	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68140	Equip. Trailer	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000
	Total	$ 10,000	$ -	$ -	$ -	$ -	$ 10,000

How will this improve our service level and efficiency?

Without this trailer, we are putting hard miles onto mowing equipment not designed for city traffic. Breakdowns in the field would leave us dependant on a towing service for recovery.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Fleet #30

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

Classification of Expenditure:	Chevy Truck with 6 yd Garbage Packer
Addition or Replacement:	Replacement

Initial Cost	$ 80,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,000
Cost Over 5 years	$ 10,000
TOTAL	$ 90,000
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 75,000

Justification for Fleet Expenditure

The garbage packer is the only one in our fleet, and mobile enough to drive in our parks. It can hold an entire days worth of trash. We use it every day, 7days per week, for trash collection and recyclables. To date, it has 89,000 miles, with over $19,772 in repair parts and labor.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 yr GO	$ -	$ 75,000	$ -	$ -	$ -	$ 75,000
0430-4305-48330	Sale of City Property	$ -	$ 5,000	$ -	$ -	$ -	$ 5,000
	Total	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68140	Garbage Packer	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000
	Total	$ -	$ 80,000	$ -	$ -	$ -	$ 80,000

How will this improve our service level and efficiency?

This vehicle is often used for special events, parades and downtown trash collection. In the past, when it's gone down, we have emptied trash into a small dump truck for hauling.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

#50 Mower

Classification of Expenditure:	11 ft cut Wide Area Mower
Addition or Replacement:	Replacement

Initial Cost	$ 75,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 87,500
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 70,000

Justification for Fleet Expenditure

This 16 ft. cut wide area mower is the oldest in our fleet of 3 similar mowers purchased in 2003. It is used everyday from mid-April through October. To date, it has over 4,500 hours on it, and life-to-date repair parts and labor costs of $41,856. With 49 parks and 1,100 acres to cut each week, we rely on these machines to cut 50 to 75 acres per day.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 70,000		$ -	$ -	$ -	$ 70,000
0430-4305-48330	Sale of City Property	$ 5,000		$ -	$ -	$ -	$ 5,000
	Total	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68140	Wide Area Mower	$ 75,000		$ -	$ -	$ -	$ 75,000
	Total	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000

How will this improve our service level and efficiency?

We only have one back-up unit as a spare. If a large mower goes down, it is usually for 2 - 3 days while we are waiting on parts and completing repairs. By replacing this mower, we have increased our odds of keeping our parks cut on a regular basis so that our city residents can enjoy and appropriately utilize them.

CITY OF WAUKESHA, WISCONSIN

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Pete Traczek

Dept. Head: Ron Grall

Department: Department of Parks, Recreation & Forestry

Fleet # 8

Classification of Expenditure:	John Deere Backhoe / Loader
Addition or Replacement:	Replacement

Initial Cost	$ 125,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,000
Cost Over 5 years	$ 10,000
TOTAL	$ 135,000
Est. Salvage Value of Former Capital Asset	$ 12,000
EST. INITIAL INVESTMENT	$ 113,000

Justification for Fleet Expenditure

The backhoe is used in forestry operations for tree planting, stump grinding and landscape projects for parks maintenance. It was purchased in 1995, and has over 5,100 hours of service on it. The life-to-date repair parts and labor costs are = $16,893.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 yr GO	$ -	$ 113,000	$ -	$ -	$ -	$ 113,000
0430-4305-48330	Sale of City Property	$ -	$ 12,000	$ -	$ -	$ -	$ 12,000
	Total	$ -	$ 125,000	$ -	$ -	$ -	$ 125,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4355-68140	Back Hoe/Loader	$ -	$ 125,000	$ -	$ -	$ -	$ 125,000
	Total	$ -	$ 125,000	$ -	$ -	$ -	$ 125,000

How will this improve our service level and efficiency?

Although not used every day throughout the year, seasonally, during Spring and Fall tree planting, it is used for 6 weeks straight (total of 12 weeks). The backhoe is also used on capital projects and for other park maintenance. It is currently running, but at 20 years old, it has become challenging and difficult to get replacement parts.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Michael Mazmanian
Dept. Head: Jennifer Andrews
Department: Building Inspection

Classification of Expenditure:	Inspection Sedan
Addition or Replacement:	Replacement

Initial Cost	$ 18,250
Anticipated Annual Maintenance Cost/Cost of Operation	$ 400
Cost Over 5 years	$ 2,000
TOTAL	$ 20,250
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 17,750

Justification for Fleet Expenditure

This is a replacement of a 2003 inspection car. The primary purpose of the vehicle is for conducting building inspections. The current vehicle has 67,500 miles on it, and the body is rusting. It is also difficult to get into gear. The garage has recently determined that to make the car safe to drive, over $1,100 worth of work is needed. In addition to the pending work needed, there may be need for transmission work if it is not replaced. The under body panels of the car are also nearly rusted through. This car is used every work day of the year. If the car would breakdown, all inspections normally done by that inspector would be halted, and the inspector would be rendered inactive. In general, the inspection fleet is aged and in need of replacement. Inspection cars are regularly driven onto construction sites and over rough terrain. Due to the nature of the work, the inspection cars tend to wear quicker than those under typical use. The estimated maintenance costs for this vehicle for 5 years is low because it will be under warranty during that time. Normal wear and tear, such as tires and oil changes would be the only items not covered by warranty.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year note	$ 17,750	$ -	$ -	$ -	$ -	$ 17,750
0430-4305-48330	Sale of City Property	$ 500	$ -	$ -	$ -	$ -	$ 500
	Total	$ 18,250	$ -	$ -	$ -	$ -	$ 18,250

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4323-68110	Inspection Vehicle Replacement	$ 18,250	$ -	$ -	$ -	$ -	$ 18,250
	Total	$ 18,250	$ -	$ -	$ -	$ -	$ 18,250

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to conduct inspections in a timely manner. Removal of this vehicle from the fleet will inhibit one of our inspectors from conducting in-field building or code enforcement inspections, which is 90% of their job duties, and render them inactive. Failure to conduct timely building and mechanical inspections has significant time and cost implications for builders, homeowners and developers. In addition, the City is obligated by State Statute to conduct building and mechanical inspections within 48 hours of the request. When a car is not operable, the City is unable to meet that legal obligation. Failure to conduct timely code enforcement inspection would also be a frustration to both residents and Aldermen who have reported a violation.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Michael Mazmanian
Dept. Head: Jennifer Andrews
Department: Building Inspection

Classification of Expenditure:	Inspection Sedan
Addition or Replacement:	Replacement

Initial Cost	$ 19,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 400
Cost Over 5 years	$ 2,000
TOTAL	$ 21,000
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 18,500

Justification for Fleet Expenditure

This is a replacement of a 2007 inspection car. The primary purpose of the vehicle is for conducting building inspections. The current vehicle has 61,675 miles on it as of June of 2015. The car has issues shifting into reverse, which can be a sign of transmission problems. This car is used every work day of the year. If the car would breakdown all inspections normally done by that inspector would be halted and the inspector would be rendered inactive. In general, the inspection fleet is aged and in need of replacement. Inspection cars are regularly driven onto construction sites and over rough terrain. Due to the nature of the work, the inspection cars tend to wear quicker than those under typical use. The estimated maintenance costs for this vehicle for 5 years is low because it will be under warranty during that time. Normal wear and tear, such as tires and oil changes would be the only items not covered by warranty.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year note	$ -	$ 18,500	$ -	$ -	$ -	$ 18,500
0430-4305-48330	Sale of City Property	$ -	$ 500	$ -	$ -	$ -	$ 500
	Total	$ -	$ 19,000	$ -	$ -	$ -	$ 19,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4323-68110	Inspection Vehicle Replacement	$ -	$ 19,000	$ -	$ -	$ -	$ 19,000
	Total	$ -	$ 19,000	$ -	$ -	$ -	$ 19,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to conduct inspections in a timely manner. Removal of this vehicle from the fleet will inhibit one of our inspectors from conducting in-field building or code enforcement inspections, which is 90% of their job duties, and render them inactive. Failure to conduct timely building and mechanical inspections has significant time and cost implications for builders, homeowners and developers. In addition, the City is obligated by State Statute to conduct building and mechanical inspections within 48 hours of the request. When a car is not operable, the City is unable to meet that legal obligation. Failure to conduct timely code enforcement inspection would also be a frustration to both residents and Aldermen who have reported a violation.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Michael Mazmanian
Dept. Head: Jennifer Andrews
Department: Building Inspection

Classification of Expenditure:	Inspection Sedan
Addition or Replacement:	Replacement

Initial Cost	$ 19,450
Anticipated Annual Maintenance Cost/Cost of Operation	$ 400
Cost Over 5 years	$ 2,000
TOTAL	$ 21,450
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 18,950

Justification for Fleet Expenditure

This is a replacement of a 2005 inspection car. The primary purpose of the vehicle is for conducting building inspections. The current vehicle has 38,131 miles on it as of June of 2015. The body is rusting, and it does not have many of the safety features our other fleet cars have, such as airbags. This car is used every work day of the year. If the car would breakdown, all inspections normally done by that inspector would be halted and the inspector would be rendered inactive. In general, the inspection fleet is aged and in need of replacement. Inspection cars are regularly driven onto construction sites and over rough terrain. Due to the nature of the work, the inspection cars tend to wear quicker than those under typical use.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10-Year Note	$ -	$ -	$ 18,950	$ -	$ -	$ 18,950
0430-4305-48330	Sale of City Property	$ -	$ -	$ 500	$ -	$ -	$ 500
	Total	$ -	$ -	$ 19,450	$ -	$ -	$ 19,450

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4323-68110	Inspection Vehicle Replacement	$ -	$ -	$ 19,450	$ -	$ -	$ 19,450
	Total	$ -	$ -	$ 19,450	$ -	$ -	$ 19,450

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to conduct inspections in a timely manner. Removal of this vehicle from the fleet will inhibit one of our inspectors from conducting in-field building or code enforcement inspections, which is 90% of their job duties, and render them inactive. Failure to conduct timely building and mechanical inspections has significant time and cost implications for builders, homeowners and developers. In addition, the City is obligated by State Statute to conduct building and mechanical inspections within 48 hours of the request. When a car is not operable, the City is unable to meet that legal obligation. Failure to conduct timely code enforcement inspection would also be a frustration to both residents and Aldermen who have reported a violation.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Michael Mazmanian
Dept. Head: Jennifer Andrews
Department: Building Inspection

Classification of Expenditure:	Inspection Sedan
Addition or Replacement:	Replacement
Initial Cost	$ 20,450
Anticipated Annual Maintenance Cost/Cost of Operation	$ 400
Cost Over 5 years	$ 2,000
TOTAL	$ 22,450
Est. Salvage Value of Former Capital Asset	$ 500
EST. INITIAL INVESTMENT	$ 19,950

Justification for Fleet Expenditure

This is a replacement of a 2008 inspection car. The primary purpose of the vehicle is for conducting building inspections. The current vehicle has 22,789 miles on it as of June of 2015. Although this car is in good working order in 2015, it is anticipated that by 2018 this car will need to be replaced. This car is used every work day of the year. If the car would breakdown all inspections normally done by that inspector would be halted and the inspector would be rendered inactive. In general, the inspection fleet is aged and in need of replacement. Inspection cars are regularly driven onto construction sites and over rough terrain. Due to the nature of the work, the inspection cars tend to wear quicker than those under typical use.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10-Year Note	$ -	$ -	$ -	$ 19,950	$ -	$ 19,950
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 500	$ -	$ 500
	Total	$ -	$ -	$ -	$ 20,450	$ -	$ 20,450

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4323-68110	Inspection Vehicle replacement	$ -	$ -	$ -	$ 20,450	$ -	$ 20,450
	Total	$ -	$ -	$ -	$ 20,450	$ -	$ 20,450

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to conduct inspections in a timely manner. Removal of this vehicle from the fleet will inhibit one of our inspectors from conducting in-field building or code enforcement inspections, which is 90% of their job duties, and render them inactive. Failure to conduct timely building and mechanical inspections has significant time and cost implications for builders, homeowners and developers. In addition, the City is obligated by State Statute to conduct building and mechanical inspections within 48 hours of the request. When a car is not operable, the City is unable to meet that legal obligation. Failure to conduct timely code enforcement inspection would also be a frustration to both residents and Aldermen who have reported a violation.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	5-6 Yard Dump Truck w/Plow, Wing and Sander
Addition or Replacement:	Replacement

Initial Cost	$ 157,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 162,000
Est. Salvage Value of Former Capital Asset	$ 3,000
EST. INITIAL INVESTMENT	$ 154,000

Justification for Fleet Expenditure

This is a replacement of a 1996 International 5-6 Yard Dump Truck with a Plow, Wing and Sander. The primary purpose of the vehicle is plowing and salting operations of Municipal streets and parking lots. It is also used for construction work through-out the City.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ 154,000	$ -	$ -	$ -	$ -	$ 154,000
0430-4305-48330	Sale of City Property	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
	Total	$ 157,000	$ -	$ -	$ -	$ -	$ 157,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	5-6 Yard Dump Truck	$ 157,000	$ -	$ -	$ -	$ -	$ 157,000
	Total	$ 157,000	$ -	$ -	$ -	$ -	$ 157,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to plow and salt our streets and Municipal parking lots. Removal of this vehicle from the fleet will inhibit our ability to provide adequate street plowing during the winter months. It will also create safety hazards, due to snow and ice removal being delayed.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	25,000 LBS Trailer
Addition or Replacement:	Replacement

Initial Cost	$ 75,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 600
Cost Over 5 years	$ 3,000
TOTAL	$ 78,000
Est. Salvage Value of Former Capital Asset	$ 3,000
EST. INITIAL INVESTMENT	$ 72,000

Justification for Fleet Expenditure

This is a replacement of a 1994 Trailer, this trailer hauls not only heavy equipment such as out big dozer it also hauls the tall light poles, this trailer is used year around, if money is available we would like to purchase a used Tandem Tractor with a sliding fifth wheel to cover all of our needs

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ 72,000	$ -	$ -	$ -	$ -	$ 72,000
0430-4305-48330	Sale of City Property	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
	Total	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	Trailer	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000
	Total	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we are able to move heavy equipment around the City. It will also enable us to pick up the light poles which, at the longest, are now 30' long.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	One Skid Steer Loader
Addition or Replacement:	Replacement

Initial Cost	$ 47,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 52,000
Est. Salvage Value of Former Capital Asset	$ 3,000
EST. INITIAL INVESTMENT	$ 44,000

Justification for Fleet Expenditure

This is a replacement of a 2001 Skid Steer Loader. The primary purpose of this machine is leaf collection, and it is also used for construction projects throughout the City. Mounting various attachments to this piece of equipment, such as leaf rakes, cold planers, a snow bucket and a 4-in-1 bucket, add to the versatiity of this Skid Steer.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ 44,000	$ -	$ -	$ -	$ -	$ 44,000
0430-4305-48330	Sale of City Property	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
	Total	$ 47,000	$ -	$ -	$ -	$ -	$ 47,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	Skid Steer Loader	$ 47,000	$ -	$ -	$ -	$ -	$ 47,000
	Total	$ 47,000	$ -	$ -	$ -	$ -	$ 47,000

How will this improve our service level and efficiency?

This is a replacement of a 2001 Skid Steer Loader. The primary purpose of this machine is leaf collection, and it is also used for construction projects throughout the City. Mounting various attachments to this piece of equipment, such as leaf rakes, cold planers, a snow bucket for cleaning the top of the Transit Center, and a 4-in-1 bucket, add to the versatility of this asset. It is also loaned out to the Park, Rec. & Forestry Department as needed.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	One Front End Loader CG124
Addition or Replacement:	Replacement

Initial Cost	$ 236,250
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 241,250
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 231,250

Justification for Fleet Expenditure

This is a replacement of a 1994 624 G John-Deere Loader w/plow, wing and 4 in 1 bucket. The primary purpose of the vehicle is for plowing Municipal parking lots and streets. It is also used in various projects throughout the City. This loader has been in the City Budget since 2011. It is now 22 years-old, and in need of replacement.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ 231,250	$ -	$ -	$ -	$ -	$ 231,250
0430-4305-48330	Sale of City Property	$ 5,000	$ -	$ -	$ -	$ -	$ 5,000
	Total	$ 236,250	$ -	$ -	$ -	$ -	$ 236,250

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	End Loader #1	$ 236,250	$ -	$ -	$ -	$ -	$ 236,250
	Total	$ 236,250	$ -	$ -	$ -	$ -	$ 236,250

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to plow our streets and Municipal parking lots. These loaders are also used in our leaf collection efforts, as well as construction work. Removal of this vehicle from the fleet will inhibit our ability to provide adequate plowing on streets and in our Municipal lots during the winter months. It will also create safety hazards due to snow and ice removal being delayed.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	One Front End Loader CG126
Addition or Replacement:	Replacement

Initial Cost	$ 236,250
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 241,250
Est. Salvage Value of Former Capital Asset	$ 7,500
EST. INITIAL INVESTMENT	$ 228,750

Justification for Fleet Expenditure

This is a replacement of a 1997 721B Case Loader w/plow and 4 in 1 bucket. The primary purpose of the vehicle is for plowing the Municipal parking lots and streets. This loader is also used in various projects throughout the City. It has been on our replacement list since 2104. We pulled it out of the budget in 2014 and 2015 to make room for other equipment.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ 228,750	$ -	$ -	$ -	$ -	$ 228,750
0430-4305-48330	Sale of City Property	$ 7,500	$ -	$ -	$ -	$ -	$ 7,500
	Total	$ 236,250	$ -	$ -	$ -	$ -	$ 236,250

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	End Loader #2	$ 236,250	$ -	$ -	$ -	$ -	$ 236,250
	Total	$ 236,250	$ -	$ -	$ -	$ -	$ 236,250

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to plow our streets and Municipal parking lots. These loaders are also used in our leaf collection efforts, as well as construction work. Removal of this vehicle from the fleet will inhibit our ability to provide adequate plowing on streets and in our Municipal lots during the winter months. It will also create safety hazards due to snow and ice removal being delayed.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	One Front End Loader CG165
Addition or Replacement:	Replacement

Initial Cost	$ 236,250
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 241,250
Est. Salvage Value of Former Capital Asset	$ 7,500
EST. INITIAL INVESTMENT	$ 228,750

Justification for Fleet Expenditure

This is a replacement of a 1998 721B Case Loader w/plow and 4 in 1 bucket. The primary purpose of the vehicle is for plowing the Municipal parking lots and streets. This loader is also used in various projects throughout the City. It has been on our replacement list since 2104. We pulled it out of the budget in 2014 and 2015 to make room for other equipment.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ -	$ 228,750	$ -	$ -	$ -	$ 228,750
0430-4305-48330	Sale of City Property	$ -	$ 7,500	$ -	$ -	$ -	$ 7,500
	Total	$ -	$ 236,250	$ -	$ -	$ -	$ 236,250

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	End Loader #3	$ -	$ 236,250	$ -	$ -	$ -	$ 236,250
	Total	$ -	$ 236,250	$ -	$ -	$ -	$ 236,250

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to plow our streets and Municipal parking lots. These loaders are also used in our leaf collection efforts, as well as construction work. Removal of this vehicle from the fleet will inhibit our ability to provide adequate plowing on streets and in our Municipal lots during the winter months. It will also create safety hazards due to snow and ice removal being delayed.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	One Back-Hoe
Addition or Replacement:	Replacement

Initial Cost	$ 122,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,000
Cost Over 5 years	$ 5,000
TOTAL	$ 127,000
Est. Salvage Value of Former Capital Asset	$ 6,000
EST. INITIAL INVESTMENT	$ 116,000

Justification for Fleet Expenditure

This is a replacement of a 1999 426C Cat Back-Hoe. The primary purpose of this piece of equipment is to dig out catch basins and sinkholes around the City. It also has a hydraulic hammer for breaking up concrete and asphalt as needed. During the winter, it is used for loading salt. This machine was in last year's budget, and it was decided to replace a 2001 JCB, which was in worse shape. In addition to the back-hoe, we would like to replace the hydraulic hammer as well.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ -	$ 116,000	$ -	$ -	$ -	$ 116,000
0430-4305-48330	Sale of City Property	$ -	$ 6,000	$ -	$ -	$ -	$ 6,000
	Total	$ -	$ 122,000	$ -	$ -	$ -	$ 122,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	Back-Hoe	$ -	$ 122,000	$ -	$ -	$ -	$ 122,000
	Total	$ -	$ 122,000	$ -	$ -	$ -	$ 122,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to dig out sinkholes, and do catch basin repairs and break out streets for repair, it will also enable us to be able to load salt in the winter for our trucks.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	1991 Bucket Tower for our Bucket Truck
Addition or Replacement:	Replacement

Initial Cost	$ 70,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,000
Cost Over 5 years	$ 10,000
TOTAL	$ 80,000
Est. Salvage Value of Former Capital Asset	$ 1,000
EST. INITIAL INVESTMENT	$ 69,000

Justification for Fleet Expenditure

This is a replacement of a 1991 Tower for our High Ranger Bucket. The life of the bucket and boom is 25 years. The manufacture will not service it after that time. Over the last 25 years we have spent from $2,000 to $2,500 every year for inspections. In addition to this, we have had to have 5 year major inspection and repair, which costs approx. $10,000 every five years. The total over the 25 years is around $80,000. The City has sent this machine in for repair as needed. By doing this, we have a minimum of liability involved in this machine.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ 69,000	$ -	$ -	$ -	$ -	$ 69,000
0430-4305-48330	Sale of City Property	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
	Total	$ 70,000	$ -	$ -	$ -	$ -	$ 70,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	Bucket Tower	$ 70,000	$ -	$ -	$ -	$ -	$ 70,000
	Total	$ 70,000	$ -	$ -	$ -	$ -	$ 70,000

How will this improve our service level and efficiency?

This will maintain our service level by ensuring that we will continue to be able to work on street lights throughout the City 24/7, without having to call in contractors to perform the service. Note: This is the replacement of the tower only. The body and platform were replaced in 2007.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	(6) Six 5-6 Yard Dump Trucks One 4X4 Utility Truck
Addition or Replacement:	Replacement

Initial Cost	$ 1,140,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 1,140,000
Est. Salvage Value of Former Capital Asset	$ 22,000
EST. INITIAL INVESTMENT	$ 1,118,000

Justification for Fleet Expenditure

Replacements for Six (6) 2000 International 5-6 yard dump trucks w/plows, wings and sanders. Replacement for 2002 utility truck.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ -	$ 1,118,000	$ -	$ -	$ -	$ 1,118,000
0430-4305-48330	Sale of City Property	$ -	$ 22,000	$ -	$ -	$ -	$ 22,000
	Total	$ -	$ 1,140,000	$ -	$ -	$ -	$ 1,140,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68110	Utility Truck	$ -	$ 60,000	$ -	$ -	$ -	$ 60,000
0430-4333-68140	Dump Truck #1	$ -	$ 180,000	$ -	$ -	$ -	$ 180,000
0430-4333-68140	Dump Truck #2	$ -	$ 180,000	$ -	$ -	$ -	$ 180,000
0430-4333-68140	Dump Truck #3	$ -	$ 180,000	$ -	$ -	$ -	$ 180,000
0430-4333-68140	Dump Truck #4	$ -	$ 180,000	$ -	$ -	$ -	$ 180,000
0430-4333-68140	Dump Truck #5	$ -	$ 180,000	$ -	$ -	$ -	$ 180,000
0430-4333-68140	Dump Truck #6	$ -	$ 180,000	$ -	$ -	$ -	$ 180,000
	Total	$ -	$ 1,140,000	$ -	$ -	$ -	$ 1,140,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to plow and salt our City Streets. Removal of these vehicles from the fleet will delay and inhibit our ability to provide adequate plowing on our streets during the winter months. It will also create safety hazards due to snow and ice removal being delayed, due to break downs.

CITY OF WAUKESHA, WISCONSIN

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	Three Leaf Machines Two Utility Trucks One Stake Bed Truck Three 5-6 Yard Dump Trucks w/ Plows, Wings and Sanders One Tandem Axle 13-15 Yard Dump Truck
Addition or Replacement:	Replacement
Initial Cost	$ 1,100,000
Anticipated Annual Maintenance Cost/Cost of Operation	
Cost Over 5 years	
TOTAL	$ 1,100,000
Est. Salvage Value of Former Capital Asset	$ 27,000
EST. INITIAL INVESTMENT	$ 1,073,000

Justification for Fleet Expenditure

Three leaf machines, these would be self contained leaf pick up machines, not boxes on trucks with separate leaf machines. Two utility trucks, one for the signs crew and one for the mason crew. These will carry the tools for every-day operations. One stake bed truck for the signs crew. Three, 5-6 yard dump trucks w/ plows, wings and sanders. One tandem axle, 13-15 yard dump truck. All of these trucks will be single axle trucks.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ -	$ -	$ 1,073,000	$ -	$ -	$ 1,073,000
0430-4305-48330	Sale of City Property	$ -	$ -	$ 27,000	$ -	$ -	$ 27,000
	Total	$ -	$ -	$ 1,100,000	$ -	$ -	$ 1,100,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	Leaf Machine #1	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
0430-4333-68140	Leaf Machine #2	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
0430-4333-68140	Leaf Machine #3	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000
0430-4333-68110	Utility Truck #1	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000
0430-4333-68110	Utility Truck #2	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000
0430-4333-68110	Stake Bed Truck	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000
0430-4333-68140	Dump Truck #1	$ -	$ -	$ 192,000	$ -	$ -	$ 192,000
0430-4333-68140	Dump Truck #2	$ -	$ -	$ 192,000	$ -	$ -	$ 192,000
0430-4333-68140	Dump Truck #3	$ -	$ -	$ 192,000	$ -	$ -	$ 192,000
0430-4333-68140	Tandem Axel 13-15 Yard Dump Truck	$ -	$ -	$ 194,000	$ -	$ -	$ 194,000
	Total	$ -	$ -	$ 1,100,000	$ -	$ -	$ 1,100,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we will continue to be able to plow and salt our Municipal parking lots and streets. Removal of these vehicles from the fleet will inhibit our ability to provide adequate plowing in our Municipal lots and streets during the winter months. It will also create safety hazards due to snow and ice removal being delayed. Converting the leaf machines will enable us to have a self-contained leaf machines. By doing this, it will free up the trucks to be set up for winter operations, instead of having dedicated plow trucks for this purpose. These self-contained leaf machines will also hold 2 to 3 times as many leaves.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	Five 5-6 Yard dump Trucks w/plows, wings and sanders, One Street Sweeper and One Asphalt Roller
Addition or Replacement:	Replacement

Initial Cost	$ 1,345,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 1,345,000
Est. Salvage Value of Former Capital Asset	$ 21,000
EST. INITIAL INVESTMENT	$ 1,324,000

Justification for Fleet Expenditure

Five 5-6 yard dump trucks w/ plows, wings and sanders. One tandem axle 13-15 yard dump truck. All of these trucks will be single axle trucks. One street sweeper. The City owns three street sweepers. Not having one replaced would affect out ability to keep the streets clean. The roller is used for asphalt work, as well as for compacting gravel on various jobs in the City.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ -	$ -	$ -	$ 1,324,000	$ -	$ 1,324,000
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 21,000	$ -	$ 21,000
	Total	$ -	$ -	$ -	$ 1,345,000	$ -	$ 1,345,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68140	Dump Truck #1	$ -	$ -	$ -	$ 209,000	$ -	$ 209,000
0430-4333-68140	Dump Truck #2	$ -	$ -	$ -	$ 209,000	$ -	$ 209,000
0430-4333-68140	Dump Truck #3	$ -	$ -	$ -	$ 209,000	$ -	$ 209,000
0430-4333-68140	Dump Truck #4	$ -	$ -	$ -	$ 209,000	$ -	$ 209,000
0430-4333-68140	Dump Truck #5	$ -	$ -	$ -	$ 209,000	$ -	$ 209,000
0430-4333-68140	Street Sweeper	$ -	$ -	$ -	$ 250,000	$ -	$ 250,000
0430-4333-68140	Asphalt Roller	$ -	$ -	$ -	$ 50,000	$ -	$ 50,000
	Total	$ -	$ -	$ -	$ 1,345,000	$ -	$ 1,345,000

How will this improve our service level and efficiency?

These trucks will improve our service level by ensuring that we will continue to be able to plow and salt our Municipal parking lots and streets. Removal of these vehicles from the fleet will inhibit our ability to provide adequate plowing in our Municipal lots and streets during the winter months. It will also create safety hazards due to snow and ice removal being delayed. The street sweeper will sweep the streets on a regular basis. Not having the street sweeper will inhibit the collection of material, and not help with our DNR Storm Water Permit. Not having the roller will inhibit our ability to create a smooth surface when paving with asphalt. This roller is the bigger of the two that the City owns. It is used for the bigger compaction work in the City, on asphalt, as well as on any sub-surfaces.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Bob Foxx
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	One Fifth wheel truck Two Loaders One small bulldozer with straight blade One Large bulldozer with a 4 in 1 bucket One Concrete Saw One Stake Bed truck One Asphalt Grinder One Hot Box
Addition or Replacement:	Replacement
Initial Cost	$ 1,265,500
Anticipated Annual Maintenance Cost/Cost of Operation	$ -
Cost Over 5 years	$ -
TOTAL	$ 1,265,500
Est. Salvage Value of Former Capital Asset	$ 19,700
EST. INITIAL INVESTMENT	$ 1,245,800

Justification for Fleet Expenditure

This is a replacement of a tractor for our 50 Ton trailer. This is used for hauling 30' light poles, as well as heavy equipment. The current tractor can haul our tub grinder in the City, but is unable to haul the grinder outside of the City. The smaller dozer is a 1995 straight blade dozer. This is used for construction projects all around the City, including stripping topsoil and doing park work such as Cardinal Ridge and River Hills. The large dozer is also used for similar things, as well as stripping seal coat streets for repaving. The stake bed truck is used by the Mason Crew. It hauls all of the material used in brick repair, catch basin repair and concrete work. This truck also hauls a concrete mixer and the concrete mix and sand to make a morter mix. The two loaders are used throughout the year for everything from snow plowing to construction work. They are equipped with plows and wings. These loaders were orignally planned for replacement in 2016 however due to the Committee removing items from the budget, they were pushed back until this year, unless they can be slotted in sooner. We have also included an asphalt grinder that is 8' wide, to assist in street repair, in order to strip old asphalt and seal coat in a much quicker fashion than with the 30" grinder. Also included is a hot box to keep the asphalt hot even during the winter months.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 Year Note	$ -	$ -	$ -	$ -	$ 1,245,800	$ 1,245,800
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 19,700	$ 19,700
	Total	$ -	$ -	$ -	$ -	$ 1,265,500	$ 1,265,500

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4333-68110	Fifth-Wheel Truck	$ -	$ -	$ -	$ -	$ 83,000	$ 83,000
0430-4333-68140	Loader #1	$ -	$ -	$ -	$ -	$ 236,250	$ 236,250
0430-4333-68140	Loader #2	$ -	$ -	$ -	$ -	$ 236,250	$ 236,250
0430-4333-68140	Small Bulldozer	$ -	$ -	$ -	$ -	$ 100,000	$ 100,000
0430-4333-68140	Large Bulldozer	$ -	$ -	$ -	$ -	$ 270,000	$ 270,000
0430-4333-68140	Concrete Saw	$ -	$ -	$ -	$ -	$ 40,000	$ 40,000
0430-4333-68110	Stake Bed Truck	$ -	$ -	$ -	$ -	$ 45,000	$ 45,000
0430-4333-68140	Hot Box	$ -	$ -	$ -	$ -	$ 45,000	$ 45,000
0430-4333-68140	Asphalt Grinder	$ -	$ -	$ -	$ -	$ 210,000	$ 210,000
	Total	$ -	$ -	$ -	$ -	$ 1,265,500	$ 1,265,500

How will this improve our service level and efficiency?

This is a replacement of a tractor for our 50-ton trailer. This is used for hauling 30' light poles as well as heavy equipment. The current tractor can haul our tub grinder in the City, but is unable to haul the grinder outside of the City. The smaller dozer is a 1995 straight blade dozer. This is used for construction projects all around the City, including stripping topsoil and doing park work such as Cardinal Ridge and River Hills. The large dozer is also used for similar things, as well as stripping seal coat streets for repaving. The stake bed truck is used by the Mason Crew. It hauls all of the material used in brick repair, catch basin repair and concrete work. This truck also hauls a concrete mixer and the concrete mix and sand to make a mortar mix. The two loaders are used throughout the year for everything from snow plowing to construction work. They are equipped with plows and wings. These loaders were orignally planned for replacement in 2016, however due to the Committee removing items from the budget, they were pushed back until this year, unless they can be slotted in sooner. We have also included an asphalt grinder that is 8' wide, to assist in street repair, in order to strip old asphalt and seal coat in a much quicker fashion than with the 30" grinder. Also included is a hot box to keep the asphalt hot even during the winter months.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Paul Day
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	Survey Van Fleet Purchase
Addition or Replacement:	Replacement

Initial Cost	$25,000
Anticipated Annual Maintenance Cost/Cost of Operation	$1,000
Cost Over 5 years	$5,000
TOTAL	$30,000
Est. Salvage Value of Former Capital Asset	$1,000
EST. INITIAL INVESTMENT	$24,000

Justification for Fleet Expenditure

This is a replacement of a 2000 Chevy Van (known as vehicle No 56). The primary use of this vehicle is for survey and construction inspection. The current vehicle's mileage is 89,405 miles, and has had a lifetime total maintenace cost of $14,320.48. The vehicle is 15 years old and is used in rough terrain and must be reliable.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year GO Debt	$ 24,000	$ -	$ -	$ -	$ -	$ 24,000
0430-4305-48330	Sale of City Property	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
	Total	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4332-68110	Van	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
	Total	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000

How will this improve our service level and efficiency?

The replacement of this vehicle will ensure that the survey crews will be able to efficiently work, and provide a high level of service to our crews and private contractors without delay.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Paul Day
Dept. Head: Fred Abadi
Department: Department of Public Works

Classification of Expenditure:	Survey Van Fleet Purchase
Addition or Replacement:	Replacement

Initial Cost	$25,000.00
Anticipated Annual Maintenance Cost/Cost of Operation	$1,000.00
Cost Over 5 years	$5,000.00
TOTAL	$30,000.00
Est. Salvage Value of Former Capital Asset	$1,000.00
EST. INITIAL INVESTMENT	$24,000.00

Justification for Fleet Expenditure

This is a replacement of a 2001 Chevy Van (known as vehicle No 58) The primary purpose of this vehicle is for Hotline Marking, but can be used for survey and construction inspection The current vehicle's mileage is 90,470 miles and has had lifetime total maintenace cost of $10,499.00. The vehicle is 14 years old and must be reliable. Hotline markings are very important to safety and in an emergency situation, the crews are called in at night, when the garage is not available to help. In the past 2 months, the vehicle has failed to start multiple times, then the crew has to transfer all the marking equipment to another vehicle. In an emergent situation, the crew only has 1 hour to respond from their house to the site and this takes away valuable time.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year GO debt	$ 24,000	$ -	$ -	$ -	$ -	$ 24,000
0430-4305-48330	Sale of City Property	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
	Total	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4332-68110	Van	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
	Total	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000

How will this improve our service level and efficiency?

The replacement of this vehicle will ensure that the hotline crew, as well as the survey crews, will be able to efficiently work, and provide a high level of surface to our crews and private contractors without delay.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Braun/Ford F-550 Super Chief with Power Lift
Addition or Replacement:	Replacement

Initial Cost	$ 238,010
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 250,510
Est. Salvage Value of Former Capital Asset	$ 2,000
EST. INITIAL INVESTMENT	$ 236,010

Justification for Fleet Expenditure

The Department is asking to replace our 2008 Ford/MedTec Ambulance Fleet #082. Since 2014, the Department has spent $16,171 for repairs on this vehicle. The vehicle has an ongoing oil leak that would require the engine to be totally removed from the chassis of the vehicle. Fleet #082 has 60,232 miles and 5,622 hours of use. Due to the vehicle's heavy use and city driving, the mileage is not a true reflection of the vehicle's daily use. If a conservative figure of 30 miles per hour is used, based on the vehicle's hours, the vehicle would have a mileage of 168,660.

The replacement vehicle is based as a Braun/Ford F550 Super Chief, a power lift device that meets new rollover requirements and will assist Fire Department personnel in safely loading bariatric patients. The Department is requesting to purchase one ambulance with the power lift equipment designed to safely lift patients up to 700 pounds into an ambulance from our existing cots. These devices have proven to be effective in preventing injuries. We have specified a heavier chassis to allow for additional payload capabilities. Updated: The purchase of the ambulance was preauthorized by the CIty of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 236,010	$ -	$ -	$ -	$ -	$ 236,010
0430-4305-48330	Sale of City Property	$ 2,000	$ -	$ -	$ -	$ -	$ 2,000
	Total	$ 238,010	$ -	$ -	$ -	$ -	$ 238,010

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Ambulance	$ 228,010	$ -	$ -	$ -	$ -	$ 228,010
0430-4320-68140	Radio/MDC Install	$ 5,000	$ -	$ -	$ -	$ -	$ 5,000
0430-4320-68140	EMS Equipment	$ 5,000	$ -	$ -	$ -	$ -	$ 5,000
	Total	$ 238,010	$ -	$ -	$ -	$ -	$ 238,010

The purchase of the ambulance was preauthorized by the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

How will this improve our service level and efficiency?

By replacing this vehicle, the Fire Department will have access to equipment designed to assist us in transporting bariatric patients. This equipment will help us prevent injuries, and reduce workers comp claims. The replacement of this vehicle within the Department's vehicle replacement plan will provide us with reliable equipment to respond to medical and fire emergencies within our community.

In the past, when we have attempted to extend a vehicle's service life beyond 8 years, we have experienced high vehicle maintenance costs and vehicle failures when transporting patients.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Braun/Ford F-550 Super Chief Ambulance
Addition or Replacement:	Replacement

Initial Cost	$ 216,100
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 228,600
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 211,100

Justification for Fleet Expenditure

The Department is seeking to replace our 2008 Ford/Medtec Ambulance, Fleet #084. This vehicle has experienced problems with the drivetrain and pollution controls. Since 2013, $29,463 has been spent on repairs. Additionally, the vehicle experienced a cracked frame and had to be taken out of service until a portion of the frame could be replaced. Fleet #084 currently has been driven 59,250 miles and 6,934 hours. Using a conservative figure of 30 miles per hour, based on the vehicle's hours, the mileage would be approximately 208,000.

The replacement is based on a Braun/Ford F550 Super Chief, specified similar to our existing three Braun/Ford ambulances. The chassis problems found with the ambulance being replaced is from a different manufacturer. This vehicle will also have four wheel drive to improve safety in inclement weather conditions. Included in the pricing for this vehicle is a training class from the manufacturer and training from Ford to remove "F" Series cabs to allow more in-house repairs. Also included is the equipment needed to safely hoist the cab. Updated: The purchase of the ambulance was preauthorized by the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 211,100	$ -	$ -	$ -	$ -	$ 211,100
0430-4305-48330	Sale of City Property	$ 5,000	$ -	$ -	$ -	$ -	$ 5,000
	Total	$ 216,100	$ -	$ -	$ -	$ -	$ 216,100

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Ambulance	$ 206,100	$ -	$ -	$ -	$ -	$ 206,100
0430-4320-68140	Radio/computer	$ 5,000	$ -	$ -	$ -	$ -	$ 5,000
0430-4320-68140	EMS equipment	$ 5,000	$ -	$ -	$ -	$ -	$ 5,000
	Total	$ 216,100	$ -	$ -	$ -	$ -	$ 216,100

The purchase of the ambulance was preauthorized by the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

How will this improve our service level and efficiency?

The replacement of this vehicle within the Department's vehicle replacement plan will provide us with reliable equipment to respond to medical and fire emergencies within the community. In the past, we have attempted to extend a vehicle's service life beyond seven years. We have experienced high maintenance costs and vehicle failures while transporting patients.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2017

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Braun/Ford F-550 Super Chief Ambulance
Addition or Replacement:	Replacement

Initial Cost	$ 216,100
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 228,600
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 211,100

Justification for Fleet Expenditure

As part of preparing the Department's 10-year vehicle replacement plan, our Ford MedTec 2008 ambulance, Fleet #085 has been identified for replacement in 2017. As the 2016 budget is developed, we are exploring options for a fleet purchase that would lock in pricing for vehicles purchased in 2016, 2017 and possibly 2018. As a placeholder, the Department is anticipating needing $224,240 for the purchase of this vehicle. Updated: The purchase of the ambulance was preauthorized By the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ 211,100	$ -	$ -	$ -	$ 211,100
0430-4305-48330	Sale of City Property	$ -	$ 5,000	$ -	$ -	$ -	$ 5,000
	Total	$ -	$ 216,100	$ -	$ -	$ -	$ 216,100

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Ambulance	$ -	$ 206,100	$ -	$ -	$ -	$ 206,100
0430-4320-68140	Radio/MDC install	$ -	$ 5,000	$ -	$ -	$ -	$ 5,000
0430-4320-68140	EMS equipment	$ -	$ 5,000	$ -	$ -	$ -	$ 5,000
	Total	$ -	$ 216,100	$ -	$ -	$ -	$ 216,100

The purchase of the ambulance was preauthorized By the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies within our community.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2018

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Braun/Ford F-550 Super Chief Ambulance
Addition or Replacement:	Replacement

Initial Cost	$ 216,100
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 228,600
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 211,100

Justification for Fleet Expenditure

As part of preparing the Department's 10-year vehicle replacement plan, our Ford MedTec 2008 ambulance Fleet #091 has been identified for replacement in 2017. As the 2016 budget is developed, we are exploring options for a fleet purchase that would lock in pricing for vehicles purchased in 2016, 2017 and possibly 2018. As a placeholder, the Department is anticipating needing $232,480 for the purchase of this vehicle. Updated: The purchase of the ambulance was preauthorized by the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 211,100	$ -	$ -	$ 211,100
0430-4305-48330	Sale of City Property	$ -	$ -	$ 5,000	$ -	$ -	$ 5,000
	Total	$ -	$ -	$ 216,100	$ -	$ -	$ 216,100

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Ambulance	$ -	$ -	$ 206,100	$ -	$ -	$ 206,100
0430-4320-68140	Radio/MDC Install	$ -	$ -	$ 5,000	$ -	$ -	$ 5,000
0430-4320-68140	EMS Equipment	$ -	$ -	$ 5,000	$ -	$ -	$ 5,000
	Total	$ -	$ -	$ 216,100	$ -	$ -	$ 216,100

The purchase of the ambulance was preauthorized by the City of Waukesha Common Council on August 20, 2015 (ID# 15-3120).

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies within our community.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2020

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Re-Chassising of 2013 Braun Ambulance
Addition or Replacement:	Replacement

Initial Cost	$ 150,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 162,500
Est. Salvage Value of Former Capital Asset	$ 5,000
EST. INITIAL INVESTMENT	$ 145,000

Justification for Fleet Expenditure

As part of preparing the Department's 10-year vehicle replacement plan, the Department anticipates the need to re-chassis our 2013 Braun Ford ambulance #132. When this ambulance was purchased in 2013, it was identified that the Braun ambulance box is designed, and very suitable for re-chassising, which presents an opportunity to save approximately $100,000 over the purchase of a new ambulance. Beginning in 2020, the Department anticipates we will be able to re-chassis all of our Braun ambulances purchased prior to this date. Braun Ambulance has a proven track record in re-chassising and refurbishing aluminum ambulance boxes. This item is being entered as a placeholder. The Department will carefully evaluate vehicles based on serviceability and repair costs, and make adjustments to future capital improvement plans as warranted.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 145,000	$ 145,000
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 5,000	$ 5,000
	Total	$ -	$ -	$ -	$ -	$ 150,000	$ 150,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Ambulance	$ -	$ -	$ -	$ -	$ 140,000	$ 140,000
0430-4320-68140	Radio/MDC Install	$ -	$ -	$ -	$ -	$ 5,000	$ 5,000
0430-4320-68140	EMS Equipment	$ -	$ -	$ -	$ -	$ 5,000	$ 5,000
	Total	$ -	$ -	$ -	$ -	$ 150,000	$ 150,000

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies within our community.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Car Replacement
Addition or Replacement:	Replacement
Initial Cost	$ 42,500
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 43,500
Est. Salvage Value of Former Capital Asset	$ 1,000
EST. INITIAL INVESTMENT	$ 41,500

Justification for Fleet Expenditure

The Department is requesting funds to replace a 2004 Chevrolet Impala #042, with a Ford Police Interceptor SUV. The vehicle will be equipped with NFPA compliant emergency lighting and warning devices. Radio equipment will be transferred from the existing vehicle. This vehicle was scheduled for replacement in 2015, but was delayed. The vehicle has several major mechanical issues and the repairs far exceed the value of the vehicle. Currently, the vehicle has one bad cylinder and possibly a second bad cylinder. This is causing the vehicle to stall while in traffic. When this occurs, power is lost to the steering and braking, making it difficult to stop. Problems with the engine can only be resolved through a total replacement of the vehicle's engine. The vehicle uses a quart of oil every two weeks and this is attributed to the bad cylinders. The vehicle's air conditioning system also does not work and repairs would cost over $1,500 to replace the air conditioning. The air conditioning system may appear to be a luxury; however, the vehicle's defrost system is dependent upon the vehicle's air conditioning system, even in cold weather. In its current mechanical condition and based on past experience with similar vehicles, it is not anticipated that this vehicle will remain in service.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ 41,500	$ -	$ -	$ -	$ -	$ 41,500
0430-4305-48330	Sale of City Property	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
	Total	$ 42,500	$ -	$ -	$ -	$ -	$ 42,500

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68110	Vehicle	$ 28,500	$ -	$ -	$ -	$ -	$ 28,500
0430-4320-68110	Warning lights	$ 8,000	$ -	$ -	$ -	$ -	$ 8,000
0430-4320-68110	Installation	$ 6,000	$ -	$ -	$ -	$ -	$ 6,000
	Total	$ 42,500	$ -	$ -	$ -	$ -	$ 42,500

How will this improve our service level and efficiency?

This vehicle must be replaced in order to provide the Fire Department with the resources needed to conduct state mandated inspections. Not having access to adequate resources to conduct inspections also jeopardizes state funding awarded for conducting fire prevention inspections. The Department is also concerned with the safety of this vehicle and, based on conversations with DPW mechanics, it must be replaced or it will be necessary to invest money in costly repairs far exceeding the value of the vehicle.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2018

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Car Replacement
Addition or Replacement:	Replacement

Initial Cost	$ 45,050
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 46,050
Est. Salvage Value of Former Capital Asset	$ 1,000
EST. INITIAL INVESTMENT	$ 44,050

Justification for Fleet Expenditure

As part of preparing the Department's 10-year vehicle replacement plan, the Department's 2005 Chevrolet Impala #052 is anticipated to need replacement. The project budget is based on replacing the existing vehicle with a Ford police interceptor SUV. The project includes NFPA-required warning devices, and the installation of radio equipment. This request may be adjusted based on vehicle condition and serviceability.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ 44,050	$ -	$ -	$ 44,050
0430-4305-48330	Sale of City Property	$ -	$ -	$ 1,000	$ -	$ -	$ 1,000
	Total	$ -	$ -	$ 45,050	$ -	$ -	$ 45,050

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68110	Vehicle	$ -	$ -	$ 30,210	$ -	$ -	$ 30,210
0430-4320-68110	Warning Lights	$ -	$ -	$ 8,480	$ -	$ -	$ 8,480
0430-4320-68110	Installation	$ -	$ -	$ 6,360	$ -	$ -	$ 6,360
	Total	$ -	$ -	$ 45,050	$ -	$ -	$ 45,050

How will this improve our service level and efficiency?

This vehicle must be replaced in order to provide the Fire Department with the resources needed to conduct state-mandated inspections. Not having access to adequate resources to conduct inspections also jeopardizes state funding, awarded for conducting fire prevention inspections. The Department is also concerned with the safety of this vehicle and, based on conversations with DPW mechanics, it must be replaced or it will be necessary to invest money in costly repairs far exceeding the value of the vehicle.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2020

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Car Replacement Fleet # 081
Addition or Replacement:	Replacement

Initial Cost	$ 47,750
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 48,750
Est. Salvage Value of Former Capital Asset	$ 1,000
EST. INITIAL INVESTMENT	$ 46,750

Justification for Fleet Expenditure

As part of preparing the Department's 10 year vehicle replacement plan, the Department's 2008 Chevrolet Impala #081 is anticipated to need replacement. The project budget is based on replacing the existing vehicle with a Ford police interceptor SUV. The project includes NFPA required warning devices and the installation of radio equipment. This request may be adjusted based on vehicle condition and serviceability.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-41110	Tax Levy	$ -	$ -	$ -	$ -	$ 46,750	$ 46,750
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 1,000	$ 1,000
	Total	$ -	$ -	$ -	$ -	$ 47,750	$ 47,750

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68110	Vehicle	$ -	$ -	$ -	$ -	$ 32,000	$ 32,000
0430-4320-68110	Warning lights	$ -	$ -	$ -	$ -	$ 9,000	$ 9,000
0430-4320-68110	Installation	$ -	$ -	$ -	$ -	$ 6,750	$ 6,750
	Total	$ -	$ -	$ -	$ -	$ 47,750	$ 47,750

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies, fire prevention and administrative activities in the community.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2017

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Fire Engine Replacement Fleet #962
Addition or Replacement:	Replacement

Initial Cost	$ 660,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 672,500
Est. Salvage Value of Former Capital Asset	$ 7,500
EST. INITIAL INVESTMENT	$ 652,500

Justification for Fleet Expenditure

The Department's 1996 E-One fire engine/pumper #962 has been identified for replacement in 2017. This vehicle will be specified and equipped with additional foam, and possibly dry chemical extinguishing agents, to allow us to better respond to aircraft emergencies at Crites Field, and transportation emergencies involving flammable liquids. In 2017, our existing engine will be 21 years-old and past the recommended service life per the National Fire Protection Association (NFPA). This item is being submitted as a placeholder, and may be adjusted based on vehicle condition, repairs, and other factors impacting the vehicle's serviceability as an emergency fire suppression vehicle.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year GO Debt	$ -	$ 652,500	$ -	$ -	$ -	$ 652,500
0430-4305-48330	Sale of City Property	$ -	$ 7,500	$ -	$ -	$ -	$ 7,500
	Total	$ -	$ 660,000	$ -	$ -	$ -	$ 660,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Fire Engine	$ -	$ 645,000	$ -	$ -	$ -	$ 645,000
0430-4320-68140	Radio/Computer Install	$ -	$ 5,000	$ -	$ -	$ -	$ 5,000
0430-4320-68140	Replacement Equipment	$ -	$ 10,000	$ -	$ -	$ -	$ 10,000
	Total	$ -	$ 660,000	$ -	$ -	$ -	$ 660,000

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan, to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies within our community.

CITY OF WAUKESHA, WISCONSIN

FLEET FUND EXPENDITURE

Budget Year: 2019

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Fire Engine Replacement Fleet #011
Addition or Replacement:	Replacement

Initial Cost	$ 712,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 2,500
Cost Over 5 years	$ 12,500
TOTAL	$ 724,500
Est. Salvage Value of Former Capital Asset	$ 7,500
EST. INITIAL INVESTMENT	$ 704,500

Justification for Fleet Expenditure

As part of preparing the Department's 10-year vehicle replacement plan, the 2001 E-One fire engine/pumper #011 has been identified for replacement in 2019. The Department has conducted preliminary work in developing specifications for this vehicle. This vehicle will be specified and equipped with additional foam, and possibly dry chemical extinguishing agents to allow us to better respond to aircraft emergencies at Crites Field, and transportation emergencies involving flammable liquids.

In 2019, our existing engine will be 18 years old, close to the recommended service life per the National Fire Protection Association (NFPA). This item is being submitted as a placeholder, and may be adjusted based on vehicle condition, repairs and other factors impacting the vehicle's serviceability as an emergency fire suppression vehicle.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year GO Debt	$ -	$ -	$ -	$ 704,500	$ -	$ 704,500
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ 7,500	$ -	$ 7,500
	Total	$ -	$ -	$ -	$ 712,000	$ -	$ 712,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68140	Fire Engine	$ -	$ -	$ -	$ 697,000	$ -	$ 697,000
0430-4320-68140	Radio/Computer Install	$ -	$ -	$ -	$ 7,000	$ -	$ 7,000
0430-4320-68140	Replacement Equipment	$ -	$ -	$ -	$ 8,000	$ -	$ 8,000
	Total	$ -	$ -	$ -	$ 712,000	$ -	$ 712,000

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies within our community.

CITY OF WAUKESHA, WISCONSIN

FLEET FUND EXPENDITURE

Budget Year: 2020

Dept. Contact: Steve Howard
Dept. Head: Steve Howard
Department: Fire

Classification of Expenditure:	Van Replacement Fleet # 041
Addition or Replacement:	Replacement

Initial Cost	$ 50,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 200
Cost Over 5 years	$ 1,000
TOTAL	$ 51,000
Est. Salvage Value of Former Capital Asset	$ 1,000
EST. INITIAL INVESTMENT	$ 49,000

Justification for Fleet Expenditure

As part of preparing the Department's 10-year vehicle replacement plan #041, the Department has identified the possible need to replace its 2004 Ford F350 van. This vehicle is used to support training activities, and is driven by the Department's Training Officer. This vehicle is also used to respond to emergencies and transport persons and equipment to technical rescue emergencies outside of our community. The Department will evaluate available vehicles at this time, and the vehicle may be replaced by a full-sized truck with a crew cab or other vehicle able to support its mission. The Department will carefully evaluate the existing vehicle and adjust the capital improvement plan as necessary, based on the vehicle's future serviceability, repair record and condition.

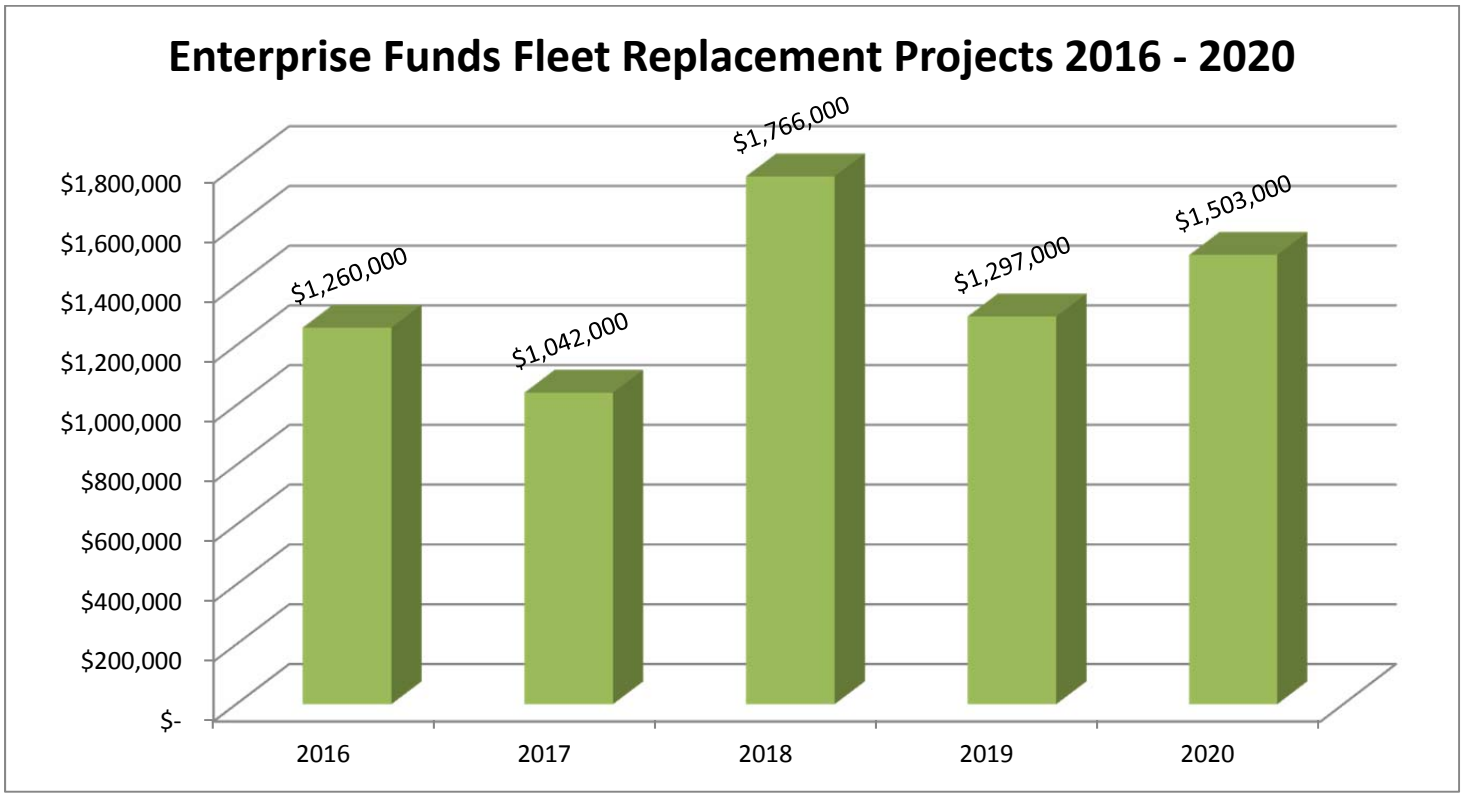
Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4305-49110	10 year GO Debt	$ -	$ -	$ -	$ -	$ 49,000	$ 49,000
0430-4305-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 1,000	$ 1,000
	Total	$ -	$ -	$ -	$ -	$ 50,000	$ 50,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4320-68110	Van	$ -	$ -	$ -	$ -	$ 34,250	$ 34,250
0430-4320-68110	Warning Lights	$ -	$ -	$ -	$ -	$ 9,000	$ 9,000
0430-4320-68110	Installation	$ -	$ -	$ -	$ -	$ 6,750	$ 6,750
	Total	$ -	$ -	$ -	$ -	$ 50,000	$ 50,000

How will this improve our service level and efficiency?

The purchase of this vehicle is being planned as part of our ongoing vehicle replacement plan to ensure that the Department has adequate resources to safely and effectively respond to EMS and fire emergencies, and to attend fire prevention and administrative activities in the community.

Enterprise Funds Fleet Replacement 2016-2020



City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Brian Engelking
Dept. Head: Fred Abadi/Brian Engelking
Department: Transit

Classification of Expenditure:	Three (3) 35-Foot Fixed Route Buses 2016
Addition or Replacement:	Replacement

Initial Cost	$ 1,230,000	
Anticipated Annual Maintenance Cost/Cost of Operation	$ 9,000	
Cost Over 5 years	$ 45,000	
TOTAL	$ 1,275,000	
Est. Salvage Value of Former Capital Asset	$ 9,000	*Goes against operating budget
EST. INITIAL INVESTMENT	$ 1,221,000	

Justification for Fleet Expenditure

This is a replacement of three (3) 35 foot fixed route buses. Two were authorized in the 2014 CIP, and 1 in the 2015 CIP. They are to replace the last two 1998 buses that will be 18 years-old, as well as one of the 2004 buses, which will have reached its useful life in 2016. The new buses are anticipated to be 19% more fuel-efficient than the current buses, which can result in several thousands of dollar savings in fuel per year. Useful life is expected to be 12 years.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
Not shown on City books	Federal Aid - Transportation	$ 984,000	$ -	$ -	$ -	$ -	$ 984,000
0430-4305-49110	10 yr GO Note	$ 246,000	$ -	$ -	$ -	$ -	$ 246,000
	Total	$ 1,230,000	$ -	$ -	$ -	$ -	$ 1,230,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4350-68390	New Bus #1	$ 410,000	$ -	$ -	$ -	$ -	$ 410,000
0430-4350-68390	New Bus #2	$ 410,000	$ -	$ -	$ -	$ -	$ 410,000
0430-4350-68390	New Bus #3	$ 410,000	$ -	$ -	$ -	$ -	$ 410,000
	Total	$ 1,230,000	$ -	$ -	$ -	$ -	$ 1,230,000

****Only the 20% City Share ($246,000) will show in Fund 0430 reports.****

How will this improve our service level and efficiency?

Purchase of these three (3) new buses ensures that there are an adequate number of usable, fixed-route buses to provide the services required. Buses beyond their useful life have a higher likelihood for breakdowns, which can interrupt service, causing delays for passengers. The new buses will have much lower emissions, which greatly reduces air pollution of the vehicles. The improved fuel economy is estimated to have an annual fuel savings of $2,000 per bus, based on current mileage and fuel prices.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Brian Engelking
Dept. Head: Fred Abadi/Brian Engelking
Department: Transit

Classification of Expenditure:	Two (2) 35 foot Fixed Route Buses 2017
Addition or Replacement:	Replacement

Initial Cost	$ 820,000	
Anticipated Annual Maintenance Cost/Cost of Operation	$ 6,000	
Cost Over 5 years	$ 30,000	
TOTAL	$ 850,000	
Est. Salvage Value of Former Capital Asset	$ 10,000	*Goes against operating budget
EST. INITIAL INVESTMENT	$ 810,000	

Justification for Fleet Expenditure

This is a replacement of two (2) 35 foot fixed-route buses that were authorized in the 2015 CIP. They are to replace two of the 2004 buses, which will have exceeded their useful life by 1 year in 2017. The new buses are anticipated to be 19% more fuel-efficient than the current buses, which can result in several thousands of dollar savings in fuel per year. Useful life is expected to be 12 years.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
Not shown on City books	Federal Aid - Transportation	$ -	$ 656,000	$ -	$ -	$ -	$ 656,000
0430-4305-49110	10 yr GO Note	$ -	$ 164,000	$ -	$ -	$ -	$ 164,000
	Total	$ -	$ 820,000	$ -	$ -	$ -	$ 820,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4350-68390	New Bus #1	$ -	$ 410,000	$ -	$ -	$ -	$ 410,000
0430-4350-68390	New Bus #2	$ -	$ 410,000	$ -	$ -	$ -	$ 410,000
	Total	$ -	$ 820,000	$ -	$ -	$ -	$ 820,000

****Only the 20% City Share ($164,000) will show in Fund 0430 reports.****

How will this improve our service level and efficiency?

The purchase of these new buses ensures that there are an adequate number of usable fixed-route buses to provide the services required. Buses beyond their useful life have a higher likelihood for breakdowns, which can interrupt service, causing delays for passengers. The new buses will have much lower emissions, which greatly reduces air pollution of the vehicles. The improved fuel economy is estimated to have an annual fuel savings of $2,000 per bus, based on current mileage and fuel prices.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Brian Engelking
Dept. Head: Fred Abadi/Brian Engelking
Department: Transit

Classification of Expenditure:	Four (4) 35-Foot Fixed Route Buses 2018
Addition or Replacement:	Replacement

Initial Cost	$ 1,640,000	
Anticipated Annual Maintenance Cost/Cost of Operation	$ 12,000	
Cost Over 5 years	$ 60,000	
TOTAL	$ 1,700,000	
Est. Salvage Value of Former Capital Asset	$ 16,000	*Goes against operating budget
EST. INITIAL INVESTMENT	$ 1,624,000	

Justification for Fleet Expenditure

This is a replacement of four (4) 35-foot fixed-route buses that were authorized in the 2015 CIP. They are to replace the last four of the 2004 buses which will have exceeded their useful life by 2 years in 2018. The new buses are anticipated to be 19% more fuel-efficient than the current buses, which can result in several thousands of dollar savings in fuel per year. Useful life is expected to be 12 years.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
Not shown on City books	Federal Aid - Transportation	$ -	$ -	$ 1,312,000	$ -	$ -	$ 1,312,000
0430-4305-49110	10 yr GO Note	$ -	$ -	$ 328,000	$ -	$ -	$ 328,000
	Total	$ -	$ -	$ 1,640,000	$ -	$ -	$ 1,640,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4350-68390	New Bus #1	$ -	$ -	$ 410,000	$ -	$ -	$ 410,000
0430-4350-68390	New Bus #2	$ -	$ -	$ 410,000	$ -	$ -	$ 410,000
0430-4350-68390	New Bus #3	$ -	$ -	$ 410,000	$ -	$ -	$ 410,000
0430-4350-68390	New Bus #4	$ -	$ -	$ 410,000	$ -	$ -	$ 410,000
	Total	$ -	$ -	$ 1,640,000	$ -	$ -	$ 1,640,000

****Only the 20% City Share ($328,000) will show in Fund 0430 reports.****

How will this improve our service level and efficiency?

Purchase of these new buses ensures that there are an adequate number of usable fixed-route buses to provide the services required. Buses beyond their useful life have a higher likelihood for breakdowns, which can interrupt service, causing delays for passengers. The new buses will have much lower emissions which greatly reduces air pollution of the vehicles. The improved fuel economy is estimated to have an annual fuel savings of $2,000 per bus, based on current mileage and fuel prices.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Brian Engelking
Dept. Head: Fred Abadi/Brian Engelking
Department: Transit

Classification of Expenditure:	Five (5) Paratransit Buses-2019
Addition or Replacement:	Replacement
Initial Cost	$ 1,000,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 15,000
Cost Over 5 years	$ 75,000
TOTAL	$ 1,075,000
Est. Salvage Value of Former Capital Asset	$ 15,000 *Goes against operating budget
EST. INITIAL INVESTMENT	$ 985,000

Justification for Fleet Expenditure

This is the purchase of 5 replacement paratransit vehicles, replacing the existing fleet of 7 vehicles. Due to decreased demand for service, it is anticipated that the paratransit fleet can be reduced by 2 vehicles. These buses are used to operate the Metrolift service, which transports passengers that can not ride the fixed-route buses. This service is a requirement of the Americans with Disabilities Act. The four 2007 Bluebird buses that will be replaced will be a year past their useful lives in 2018, and the fuel-efficiency of the new buses are double that of the Bluebird buses, which could result in several thousands of dollars of saving in fuel. The other three Arboc buses will be at their useful lives in 2018. Due to the heavy volume of wheelchair and other mobility device boardings, the components on these buses are showing wear now, and will likely be worn out by 2018. Keeping buses beyond the useful life increases the likelihood of expensive repairs, and more down time for the bus. Due to the lead time for buses, and time needed for processing the grant(s) to receive the 80% federal funds, the buses will need to be authorized in the 2018 CIP Budget.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
Not shown on City books	Federal Aid - Transportation	$ -	$ -	$ -	$ 800,000	$ -	$ 800,000
0430-4305-49110	10 yr GO Note	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
	Total	$ -	$ -	$ -	$ 1,000,000	$ -	$ 1,000,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4350-68390	New Paratransit Bus #1	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
0430-4350-68390	New Paratransit Bus #2	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
0430-4350-68390	New Paratransit Bus #3	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
0430-4350-68390	New Paratransit Bus #4	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
0430-4350-68390	New Paratransit Bus #5	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
	Total	$ -	$ -	$ -	$ 1,000,000	$ -	$ 1,000,000

****Only the 20% City Share ($200,000) will show in Fund 0430 reports.****

How will this improve our service level and efficiency?

Purchase of these buses ensures that there are an adequate number of paratransit buses to provide the Metrolift service. Buses beyond their useful life have a higher likelihood for breakdowns, which can interrupt service, causing delays for passengers. The new buses will have much lower emissions which greatly reduces air pollution of the vehicles. The improved fuel economy is estimated to have an annual fuel savings of $10,000 for the Metrolift fleet, based on current mileage and fuel prices.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Brian Engelking
Dept. Head: Fred Abadi/Brian Engelking
Department: Transit

Classification of Expenditure:	Three (3) 35-Foot, Fixed-Route Buses 2020
Addition or Replacement:	Replacement

Initial Cost	$ 1,470,000	
Anticipated Annual Maintenance Cost/Cost of Operation	$ 9,000	
Cost Over 5 years	$ 45,000	
TOTAL	$ 1,515,000	
Est. Salvage Value of Former Capital Asset	$ 15,000	*Goes against operating budget
EST. INITIAL INVESTMENT	$ 1,455,000	

Justification for Fleet Expenditure

This is a replacement of three (3) 35-foot, fixed-route buses, which in 2020 will have reached their useful life of 12 years, and are anticipated to have approximately 400,000 miles each. These buses are used to transport the general public on the fixed-route service. The new buses are anticipated to be 19% more fuel efficient than the current buses, which can result in several thousands of dollar savings in fuel per year. Keeping buses beyond the useful life also increases the likelihood of expensive repairs, and more down time for the bus. Useful life is expected to be 12 years. Due to the lead time for buses and time needed for processing the grant(s) to receive the 80% federal funds, the buses will need to be authorized in the 2019 CIP budget.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
Not shown on City books	Federal Aid - Transportation	$ -	$ -	$ -	$ -	$ 1,176,000	$ 1,176,000
0430-4305-49110	10 yr GO Note	$ -	$ -	$ -	$ -	$ 294,000	$ 294,000
	Total	$ -	$ -	$ -	$ -	$ 1,470,000	$ 1,470,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0430-4350-68390	New Bus #1	$ -	$ -	$ -	$ -	$ 490,000	$ 490,000
0430-4350-68390	New Bus #2	$ -	$ -	$ -	$ -	$ 490,000	$ 490,000
0430-4350-68390	New Bus #3	$ -	$ -	$ -	$ -	$ 490,000	$ 490,000
	Total	$ -	$ -	$ -	$ -	$ 1,470,000	$ 1,470,000

****Only the 20% City Share ($294,000) will show in Fund 0430 reports.****

How will this improve our service level and efficiency?

Purchasing these new buses ensures that there are an adequate number of usable fixed-route buses to provide the services required. Buses beyond their useful life have a higher likelihood for breakdowns, which can interrupt service, causing delays for passengers. The new buses will have much lower emissions, which greatly reduces air pollution of the vehicles. The improved fuel economy is estimated to have an annual fuel savings of $2,000 per bus, based on current mileage and fuel prices.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Pick-Up Truck with Tool Boxes
Addition or Replacement:	Replacement

Initial Cost	$ 30,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 300
Cost Over 5 years	$ 1,500
TOTAL	$ 31,500
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 27,500

Justification for Fleet Expenditure

This is a replacement of a 2005 1/2 ton 4x4 pick-up truck (WWTP #16) with tool boxes. The vehicle is used by the weekly on-call person during the day, and is equipped with tools and parts for emergency lift station call-ins. The body is badly rusted. Maintenance costs on this vehicle have been very high, ($3,297 in the last year, $6,698 in the last five years, and $9,995 to-date over the 10-year life). Current mileage is 57,000.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ 27,500	$ -	$ -	$ -	$ -	$ 27,500
0603-7399-48330	Sale of City Property	$ 2,500	$ -	$ -	$ -	$ -	$ 2,500
	Total	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Pick-Up Truck	$ 27,000	$ -	$ -	$ -	$ -	$ 27,000
0603-7399-68110	Tool Boxes	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
	Total	$ 30,000	$ -	$ -	$ -	$ -	$ 30,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we have a reliable vehicle to respond to emergencies. A newer vehicle will have better fuel efficiency, and less maintenance costs.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Pick Up Truck 1/2 Ton 4x4
Addition or Replacement:	Replacement

Initial Cost	$ 27,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 300
Cost Over 5 years	$ 1,500
TOTAL	$ 28,500
Est. Salvage Value of Former Capital Asset	$ 2,000
EST. INITIAL INVESTMENT	$ 25,000

Justification for Fleet Expenditure

This is a replacement of a 2005 Dodge Dakota 4x4 pick-up truck (WWTP #1). The vehicle is used daily by our stockroom person to pick up parts and run general errands. It also doubles as a back-up at night, for vehicles out of service. The body is badly rusted. The current milage is 39,000.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ 25,000	$ -	$ -	$ -	$ 25,000
0603-7399-48330	Sale of City Property	$ -	$ 2,000	$ -	$ -	$ -	$ 2,000
	Total	$ -	$ 27,000	$ -	$ -	$ -	$ 27,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Pick-Up Truck	$ -	$ 27,000	$ -	$ -	$ -	$ 27,000
	Total	$ -	$ 27,000	$ -	$ -	$ -	$ 27,000

How will this improve our service level and efficiency?

This will ensure the efficiency of having enough service vehicles avaiable on a daily basis, and serve as a back-up for emergencies. We also expect increased fuel efficiency from a newer vehicle, as this small truck is equipped with a V8 engine.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	2002 Ford F750 Sewer Flusher # 66
Addition or Replacement:	Replacement

Initial Cost	$ 165,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 4,000
Cost Over 5 years	$ 20,000
TOTAL	$ 185,000
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 162,500

Justification for Fleet Expenditure

This is a replacement of a 2002 Ford F750 Sewer Flusher # 66. The primary purpose of the vehicle is cleaning sanitary / storm sewers owned by the City of Waukesha. The current vehicle has 65,500 miles on it, and the body is badly rusted. It is currently experiencing problems with the flushing water pump pressure. This would cost $3,000 - to $7,000 to repair.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ 162,500	$ -	$ -	$ -	$ 162,500
0603-7399-48330	Sale of City Property	$ -	$ 2,500	$ -	$ -	$ -	$ 2,500
	Total	$ -	$ 165,000	$ -	$ -	$ -	$ 165,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Sewer Flusher	$ -	$ 165,000	$ -	$ -	$ -	$ 165,000
	Total	$ -	$ 165,000	$ -	$ -	$ -	$ 165,000

How will this improve our service level and efficiency?

This will enable us to continue our service level, by ensuring that we will to be able to maintain the sanitary sewer sytem as per CMOM, EPA, and DNR requirments and avoid backups in the sanitary sewer system.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Pick-Up Truck with Tool Boxes
Addition or Replacement:	Replacement

Initial Cost	$ 30,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 300
Cost Over 5 years	$ 1,500
TOTAL	$ 31,500
Est. Salvage Value of Former Capital Asset	$ 2,500
EST. INITIAL INVESTMENT	$ 27,500

Justification for Fleet Expenditure

This is a replacement of a 2005 Dodge Dakota 1/2 ton 4x4 pick-up truck (WWTP #17) with tool boxes. The vehicle is used by the weekly on-call person during the day, and is equiped with tools and parts for emergency lift station call-ins. The body is badly rusted. Current mileage is 56,000. Maintenance costs so far for the life have been $6,600.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ 27,500	$ -	$ -	$ -	$ 27,500
0603-7399-48330	Sale of City Property	$ -	$ 2,500	$ -	$ -	$ -	$ 2,500
	Total	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Pick-Up Truck	$ -	$ 27,000	$ -	$ -	$ -	$ 27,000
0603-7399-68110	Tool Boxes	$ -	$ 3,000	$ -	$ -	$ -	$ 3,000
	Total	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000

How will this improve our service level and efficiency?

This will improve our service level by ensuring that we have a reliable vehicle to respond to emergencies. A newer vehicle will have better fuel efficiency and lower maintenance costs.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Pretreatment Sample Van
Addition or Replacement:	Replacement

Initial Cost	$ 24,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 300
Cost Over 5 years	$ 1,500
TOTAL	$ 25,500
Est. Salvage Value of Former Capital Asset	$ 2,000
EST. INITIAL INVESTMENT	$ 22,000

Justification for Fleet Expenditure

This is a replacement of a 1999 full size cargo van (WWTP #5). It is used daily by our Industrial Pretreatment Program for compliance monitoring of industrial users. It is also used for all other field sampling, City landfill, hauled waste, and other outside users. It is being replaced primarily because of age and mileage, which is currently 41,000.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ -	$ 22,000	$ -	$ -	$ 22,000
0603-7399-48330	Sale of City Property	$ -	$ -	$ 2,000	$ -	$ -	$ 2,000
	Total	$ -	$ -	$ 24,000	$ -	$ -	$ 24,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Cargo Van	$ -	$ -	$ 24,000	$ -	$ -	$ 24,000
	Total	$ -	$ -	$ 24,000	$ -	$ -	$ 24,000

How will this improve our service level and efficiency?

Having this vehicle will ensure that our level of stringent monitoring is maintained, to protect the treatment plant, and to also generate revenues from our Industrial Sampling Program. We also expect to see better fuel efficiency from a newer vehicle.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	1 Ton Pick-Up Truck w/Plow/Salter
Addition or Replacement:	Replacement

Initial Cost	$ 42,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 500
Cost Over 5 years	$ 2,500
TOTAL	$ 44,500
Est. Salvage Value of Former Capital Asset	$ 3,000
EST. INITIAL INVESTMENT	$ 39,000

Justification for Fleet Expenditure

This is a replacement of a 2007 1 ton Ford F350 pick-up truck equiped with a snow plow and salter (WWTP #13). It is our primary snow-plowing, and only salting vehicle, used at the plant and at all of our lift station driveways. It is also a heavy tow vehicle for moving portable generators. Currently, it has 24,000 miles.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ -	$ 39,000	$ -	$ -	$ 39,000
0603-7399-48330	Sale of City Property	$ -	$ -	$ 3,000	$ -	$ -	$ 3,000
	Total	$ -	$ -	$ 42,000	$ -	$ -	$ 42,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	1 Ton Pick-Up Truck	$ -	$ -	$ 35,000	$ -	$ -	$ 35,000
0603-7399-68110	Plow/Salter	$ -	$ -	$ 7,000	$ -	$ -	$ 7,000
	Total	$ -	$ -	$ 42,000	$ -	$ -	$ 42,000

How will this improve our service level and efficiency?

Keeping the snow cleared at the lift stations assures a quicker response in emergencies. Having the tow capacity also assists with moving generators in emergencies year-round. And of course, good salting and snow removal around the plant makes for a safer work environment.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	Sewer Vacuum Truck
Addition or Replacement:	Replacement

Initial Cost	$ 250,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 500
Cost Over 5 years	$ 2,500
TOTAL	$ 252,500
Est. Salvage Value of Former Capital Asset	$ 7,000
EST. INITIAL INVESTMENT	$ 243,000

Justification for Fleet Expenditure

This is a replacement of the "Aquatech" sewer vacuum truck from 2009 (WWTP #15). It is used daily for cleaning sanitary and storm sewers. These vehicles are highly specialized, and a very important tool for maintaining the sewer system. This unit is being replaced mainly due to age and wear. Reliability weighs heavily, as the City only owns one of these units.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ -	$ -	$ 243,000	$ -	$ 243,000
0603-7399-48330	Sale of City Property	$ -	$ -	$ -	$ 7,000	$ -	$ 7,000
	Total	$ -	$ -	$ -	$ 250,000	$ -	$ 250,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Sewer Vac Truck	$ -	$ -	$ -	$ 250,000	$ -	$ 250,000
	Total	$ -	$ -	$ -	$ 250,000	$ -	$ 250,000

How will this improve our service level and efficiency?

This is the only vacuum truck the City owns. A current, reliable unit will be more efficient and maintain the sewer system to expected levels, and assure availability for emergency response.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Fred Abadi/Bob Foxx
Dept. Head: Fred Abadi
Department: Public Works-WWTP

Classification of Expenditure:	3/4 Ton Pick-Up Truck
Addition or Replacement:	Replacement

Initial Cost	$ 27,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 300
Cost Over 5 years	$ 1,500
TOTAL	$ 28,500
Est. Salvage Value of Former Capital Asset	$ 2,000
EST. INITIAL INVESTMENT	$ 25,000

Justification for Fleet Expenditure

This is a replacement of a 2008 3/4 ton Dodge 1500 pick-up truck (WWTP #9). It is used mainly for towing our mowing trailer in the summer time, and general plant use year-round for maintenance work. Current milage is 22,000.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
General WWTP Revenues	Operating budget	$ -	$ -	$ -	$ 25,000	$ -	$ 25,000
0603-7399-48330	Sale of City Property	$ -	$ -	$ -	$ 2,000	$ -	$ 2,000
	Total	$ -	$ -	$ -	$ 27,000	$ -	$ 27,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0603-7399-68110	Pick-Up Truck	$ -	$ -	$ -	$ 27,000	$ -	$ 27,000
	Total	$ -	$ -	$ -	$ 27,000	$ -	$ 27,000

How will this improve our service level and efficiency?

We keep up with mowing at 40 lift stations and several storm detention ponds. This vehicle is on the road the entire mowing season.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Nancy Faulk
Dept. Head: Nancy Faulk
Department: Cemetery

Classification of Expenditure:	1- Ton Dump Truck
Addition or Replacement:	Replacement

Initial Cost	$ 60,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 433
Cost Over 5 years	$ 2,165
TOTAL	$ 62,165
Est. Salvage Value of Former Capital Asset	$ 8,000
EST. INITIAL INVESTMENT	$ 52,000

Justification for Fleet Expenditure

In 2018, we will be needing to replace our 2000 GMC 1- Ton Sierra 3500 Series Dump truck. The truck currently has 27,959.00 miles on it. Expenditures over that past years include $7,918.31 worth of repairs done by the City Garage. It was rated by Bob Foxx as needing replacement.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-49110	10-Year Long-Term Debt	$ -	$ -	$ 52,000	$ -	$ -	$ 52,000
0604-7800-48330	Sale of City Property	$ -	$ -	$ 8,000	$ -	$ -	$ 8,000
	Total	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-68140	1-Ton Dump Truck	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000
	Total	$ -	$ -	$ 60,000	$ -	$ -	$ 60,000

How will this improve our service level and efficiency?

This truck is used for a variety of daily jobs at the cemetery. This dump truck is an integral part of our fleet. It is used daily for hauling dirt and gravel, removal of tree limbs and debris from the grounds, and removal of old wreaths and flowers at the end of each season. It is also used daily for funeral services, to dump fill back into the graves. In addition, this truck is used in the winter months for plowing.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: Nancy Faulk
Dept. Head: Nancy Faulk
Department: Cemetery

Classification of Expenditure:	Workman- 3300 D
Addition or Replacement:	Replacement

Initial Cost	$ 20,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 581
Cost Over 5 years	$ 2,905
TOTAL	$ 22,905
Est. Salvage Value of Former Capital Asset	$ 1,000
EST. INITIAL INVESTMENT	$ 19,000

Justification for Fleet Expenditure

The current workman is a Toro, 1998 3300 D, with 4,350 hours. We are researching more efficient workman-type vehicles that will suit the specific needs of the cemetery. The workman is used on a daily basis for a variety of cemetery jobs, such as hauling materials, dirt and gravel, transporting a 200-gallon watering tank around cemetery grounds, and carting equipment and headstones to gravesites. It is also used for every cremation service we have at the cemetery. With the number of cremations on the rise, this vehicle gets a lot of use.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-49110	10-Year Long-Term Debt	$ -	$ -	$ -	$ 19,000	$ -	$ 19,000
0604-7800-48330	Salvage Value	$ -	$ -	$ -	$ 1,000	$ -	$ 1,000
	Total	$ -	$ -	$ -	$ 20,000	$ -	$ 20,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0604-7800-68140	Workman	$ -	$ -	$ -	$ 20,000	$ -	$ 20,000
	Total	$ -	$ -	$ -	$ 20,000	$ -	$ 20,000

How will this improve our service level and efficiency?

This piece of motorized equipment is necessary for everyday tasks at the cemetery. Having this type of vehicle cuts down on using other larger equipment, that can not go the entire distance due to smaller areas within the cemetery. Because of the workman's capabilities, it will allow for increased efficiency and time savings during work days.

City of Waukesha, Wisconsin

FLEET FUND EXPENDITURE

Budget Year: 2016 - 2020

Dept. Contact: SGT Brad Anderson
Dept. Head: Russell Jack
Department: Police Department

Classification of Expenditure:	Marked Parking SUV (Fleet 42)
Addition or Replacement:	Replacement

Initial Cost	$ 33,000
Anticipated Annual Maintenance Cost/Cost of Operation	$ 1,500
Cost Over 5 years	$ 7,500
TOTAL	$ 40,500
Est. Salvage Value of Former Capital Asset	$ 3,500
EST. INITIAL INVESTMENT	$ 29,500

Justification for Fleet Expenditure

This is a replacement of a 2014 Marked Parking SUV. The most cost effective replacement schedule for marked squad cars is 6 years. After 6 years, this cars typically has between 100,000-130,000 miles and is outside of the factory warranty. They often require major component replacement.

Fund-Org.-Object-Project	Funding Sources	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0602-7700-XXXXX	General Parking Rev.	$ -	$ -	$ -	$ -	$ 29,500	$ 29,500
0602-7700-48330	Sale of City Property	$ -	$ -	$ -	$ -	$ 3,500	$ 3,500
	Total	$ -	$ -	$ -	$ -	$ 33,000	$ 33,000

Fund-Org.-Object-Project	Expenditures	FY '16	FY '17	FY '18	FY '19	FY '20	Total
0602-7790-68110	Marked SUV	$ -	$ -	$ -	$ -	$ 29,000	$ 29,000
0602-7790-68110	Accessories	$ -	$ -	$ -	$ -	$ 4,000	$ 4,000
	Total	$ -	$ -	$ -	$ -	$ 33,000	$ 33,000

How will this improve our service level and efficiency?

This will maintain the safety of the marked fleet at the lowest cost.