

## **Appendix**

### **Batavia Statistics**

General and Demographic Statistics

### **2017-2021 Budget Projections**

Five-year Macro Projections.

### **2017 Capital Improvement Project Summary**

Capital Projects included in the 2016 Budget

### **2017 – 2021 Capital Improvements**

Capital Projects in Development

### **Fund Balance Policy**

### **Investment of Public Funds Policy**

### **Glossary**

## City of Batavia Statistics

### Form of Government

Mayor/Council	
Founded	1833
Incorporated as a Village	1856
Incorporated as a City	1891

### Number of Building Permits Issued

2015	2,123	2011	1,371
2014	1,844	2010	2,025
2013	1,511	2009	922
2012	1,394	2008	1,053

### Land Area in Square Miles

2014	10.59	2004	9.17
2012	10.41	2003	9.08
2006	9.71	2002	9.02
2005	9.64	2001	8.92

### New Construction Permits

	Industrial	Commercial	Residential
2015	1	2	15
2014	0	0	15
2013	0	2	7
2012	1	2	11
2011	0	1	7

### Population

2010	26,045	2000	23,866
2004	25,264	1990	17,076
2003	24,978	1980	12,574

### Police Department

Current Force 40

### Demographics (2010 Census)

Gender	Number	Percent
Female population	13,370	51
Male population	12,675	49
Age		
Under 18	7,165	
18 & Over	18,880	
65 & Over	2,940	

### Police Calls for Service

2015	14,751	2011	11,754
2014	12,587	2010	12,690
2013	13,186	2009	12,193
2012	12,740	2008	13,345

Race	Number	Percent
White	23,934	92
Black	636	2
Indian/Native	60	-
Asian	473	2
Other Race	532	2
Two or more races	410	2

### Criminal Offenses

	Total	Violent	Theft/Other
2015	380	31	349
2014	416	36	380
2013	373	20	353
2012	518	33	485
2011	459	25	434
2010	557	40	517

Ethnicity	Number	Percent
Hispanic	1,775	7
Non-Hispanic	24,270	93

### Auto Accidents

2015	887	2011	723
2014	817	2010	772
2013	885	2009	777
2012	817	2008	996

**Median Family Income** \$89,570

### Number of Housing Units

Occupied	9,554
Owner Occupied	7,462
Rental	2,092
Vacant	488
<b>Total Units</b>	<b>10,042</b>

### Fire Department

Number of Firefighters	23
Number of Paid on Call	36
Number of Fire Stations	2

**Fire Fleet**

Engines	4	Ambulances	3
Ladder Trucks	1	Staff Vehicles	7
Brush Pumpers	1		

**Calls for Service**

	EMS	Fire
2015	2,392	1,416
2014	2,104	1,578
2013	2,110	1,429
2012	2,057	1,401
2011	1,943	1,321
2010	1,801	1,488
2009	1,759	1,386

**Electric Utility**

% Overhead	45
% Underground	55
Number of Substations	6
Miles of Fiber	25
Number of Streetlights	1,925
2015 MW Billed	476,143
2015 Peak MW Demand	94.5
Number of Customers	10,878

**Water Utility**

Deep Well # 4	Emergency(Standby)
Deep Well # 5	Emergency(Standby)
Deep Well # 9	Active
Deep Well # 10	Active
Deep Well # 11	Active
Shallow Well # 6	Active
Shallow Well # 7	Active
Shallow Well # 8	Active

Miles of water main	160 miles
Water valves	1,500
Hydrants	1,600
Number of Services	9,298

**Annual Water Pumped (Billion Gallons)**

2015	1.02	2010	1.10
2014	1.01	2009	1.08
2013	1.01	2008	1.05
2012	1.12	2007	1.02
2011	1.14	2006	1.01

Average Daily Pumpage	2.88 MG
Maximum Daily Pumpage	5.56 MG

**Wastewater Utility**

Number of Lift Stations:	18
Average Daily Flow	4.03 MGD

**Plant Capacity – Peak Wet Weather Flow**

12 MGD - Flow With Full Treatment
13 MGD - With Excess Flow Treatment Only
25 MGD - Peak Wet Weather Flow

Number of Services	9,115
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**Public Works**

Miles of Urban Streets	106.89
Miles of Rural (no Sewer)	5.25
Miles of Rural (with Sewer)	1.14
Miles of Alley	.73
Miles of Sidewalk	157.56
Number of Bridges (River Crossing)	1
Number of Bridges (Other)	1
Number of Cemeteries	2

**Equalized Assessed Value**

2015	914,945,274	2011	997,366,424
2014	889,954,712	2010	1,053,784,460
2013	913,768,374	2009	1,091,136,051
2012	956,787,649	2008	1,106,478,287

**Tax Rate (per \$100 of EAV)**

2015	\$0.695527	2011	\$0.672037
2014	\$0.715334	2010	\$0.592473
2013	\$0.731342	2009	\$0.559507
2012	\$0.695886	2008	\$0.549044

**City of Batavia 5 Year General Fund Budget Projection  
Revenues (TIF Loan & Repayment Removed)**

	2017	2018	2019	2020	2021
Local Use Tax	605,000	608,025	515,000	600,000	605,000
Pers Property Repl Tax	145,500	146,228	203,000	185,892	145,500
State Income Tax	2,475,000	2,487,375	2,525,000	2,547,000	2,475,000
B & C Fire Prot Dist	247,000	247,000	250,000	250,000	250,000
Maintenance-State Highways	45,000	45,225	45,451	45,678	45,907
Township Transit Reimb.	50,000	40,511	60,000	47,500	50,000
<b>Intergovernmental</b>	<b>3,567,500</b>	<b>3,574,364</b>	<b>3,598,451</b>	<b>3,676,070</b>	<b>3,571,407</b>
Simplified Telcom Tax	800,000	784,000	784,000	784,000	784,000
Elec FF & Water Utility Tax	2,006,445	2,016,477	2,026,560	2,036,692	2,046,876
Liquor Sales Tax	345,000	346,725	348,459	350,201	351,952
Gasoline Tax	425,750	427,879	430,018	432,168	434,329
Natural Gas Tax	630,000	633,150	636,316	639,497	642,695
Waste Transfer Fee	535,000	537,675	540,363	543,065	545,781
Payments in Lieu of Taxes	17,500	767,600	767,984	768,368	768,752
ROW Franchise Fees	470,000	472,350	474,712	477,085	479,471
<b>Municipal Taxes/Fees</b>	<b>5,229,695</b>	<b>5,985,856</b>	<b>6,008,411</b>	<b>6,031,077</b>	<b>6,053,855</b>
Real Estate Taxes - General	3,654,016	3,526,027	3,641,639	3,775,532	4,127,369
Real Estate Taxes - General	300,000	300,000	300,000	300,000	300,000
Real Estate Taxes - Pension	2,559,771	2,687,760	2,822,148	2,963,255	3,111,418
Other Property Tax	40,250	40,250	40,250	40,250	40,250
<b>Property Taxes</b>	<b>6,554,037</b>	<b>6,554,037</b>	<b>6,804,037</b>	<b>7,079,037</b>	<b>7,579,037</b>
State Sales Tax	5,230,175	5,256,326	5,650,550	6,074,342	6,135,085
Home Rule Sales Tax	3,720,077	3,738,677	3,766,717	3,794,968	3,832,918
<b>Sales Taxes</b>	<b>8,950,252</b>	<b>8,995,003</b>	<b>9,417,268</b>	<b>9,869,309</b>	<b>9,968,003</b>
Licenses	62,000	62,000	62,000	62,000	62,000
Building Permits	275,000	275,000	275,000	275,000	275,000
Engineering Plan Review Fee	32,485	15,000	15,000	15,000	15,000
Engineering Inspection Fee	45,925	10,000	18,000	18,000	18,000
Plumbing Inspection Fee	42,000	42,840	43,697	44,571	45,462
Planning & Zoning Fees	20,000	20,000	20,000	20,000	20,000
Leaf & Brush Collection	453,400	453,400	453,400	453,400	453,400
Grave Opening & Care of Lots	55,000	55,000	55,000	55,000	55,000
Police Reimbursements	100,000	100,200	100,400	100,601	100,802
Household Haz Waste Fee	25,863	25,863	25,863	25,863	25,863
<b>Fees &amp; Services</b>	<b>1,111,673</b>	<b>1,059,303</b>	<b>1,068,360</b>	<b>1,069,435</b>	<b>1,070,528</b>
Fines & Fees	140,000	150,000	150,000	150,000	150,000
Parking Tickets	32,000	35,000	35,000	35,000	35,000
<b>Fines and Forfeitures</b>	<b>172,000</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>
Sale Of Burial Lots	16,000	16,000	16,000	16,000	16,000
Reimbursements	90,000	90,000	90,000	90,000	90,000
Miscellaneous Revenue	151,000	151,000	151,000	151,000	151,000
Investment Income	35,000	35,000	35,000	40,000	40,000
<b>Other Revenues</b>	<b>292,000</b>	<b>292,000</b>	<b>292,000</b>	<b>297,000</b>	<b>297,000</b>
<b>Total Revenues</b>	<b>25,877,157</b>	<b>26,645,563</b>	<b>27,373,527</b>	<b>28,206,929</b>	<b>28,724,829</b>

**City of Batavia 5 Year General Fund Budget Projection  
Expenditures, Surplus (Deficit), Reserves and Days Operation**

	2017	2018	2019	2020	2021
Salaries and Wages	11,476,426	11,935,483	12,412,902	12,909,418	13,425,795
Overtime	567,410	584,432	601,965	620,024	638,625
Double-time	83,500	86,005	88,585	91,243	93,980
Stand-by	34,000	35,020	36,071	37,153	38,267
Outside Work Agreement	17,500	18,025	18,566	19,123	19,696
Part-time Wages	724,617	746,356	768,746	791,809	815,563
<b>Wages</b>	<b>12,903,453</b>	<b>13,405,321</b>	<b>13,926,835</b>	<b>14,468,769</b>	<b>15,031,927</b>
City Health Ins Contribution	2,447,505	2,545,405	2,647,221	2,753,110	2,863,235
City IMRF Pension Contribution	638,257	659,000	680,418	702,531	725,364
City Share FICA and Medicare	552,187	568,753	585,815	603,390	621,491
City Pension Contribution	2,559,771	2,687,760	2,623,931	2,620,391	2,609,771
Workers Compensation Contrib	252,875	265,519	278,795	292,734	307,371
Work Comp. Contrib. POC's	2,550	2,601	2,653	2,706	2,760
<b>Benefits</b>	<b>6,453,145</b>	<b>6,729,037</b>	<b>6,818,833</b>	<b>6,974,863</b>	<b>7,129,992</b>
Police & Fire Board	15,100	21,986	15,100	21,986	15,100
Meal Allowance	1,300	475	1,350	700	1,300
Medical Exams & Testing	16,448	16,777	17,112	17,455	17,804
Employee Recruitment	6,200	6,200	6,200	6,200	6,200
Memberships	40,839	41,656	42,489	43,339	44,205
Employee Recognition	17,900	18,079	18,260	18,442	18,627
Training & Seminars	114,031	115,171	116,323	117,486	118,661
<b>Employee Related</b>	<b>211,818</b>	<b>220,344</b>	<b>216,834</b>	<b>225,608</b>	<b>221,897</b>
Resource Materials	6,464	6,529	6,594	6,660	6,726
Postage & Shipping	74,510	75,255	76,008	76,768	77,535
Office Supplies	58,600	59,186	59,778	60,376	60,979
Computer Software and Access	47,700	48,416	49,142	49,879	50,627
Vehicle & Equip. Supplies	92,300	93,685	95,090	96,516	97,964
Printing & Photo	45,510	46,193	46,886	47,589	48,303
Communication Supplies	13,050	13,246	13,444	13,646	13,851
Investigative Supplies	5,000	5,075	5,151	5,228	5,307
Materials	100,000	101,500	103,023	104,568	106,136
Fuel	139,195	144,763	149,106	153,579	158,186
Patrol Supplies	6,600	6,699	6,799	6,901	7,005
Salt & Deicers	265,000	268,975	273,010	277,105	281,261
Advertisements/Notices	10,100	10,252	10,405	10,561	10,720
Ammunition & Safety	17,962	18,231	18,505	18,782	19,064
Telephone	80,519	81,727	82,953	84,197	85,460
Education Program Supplies	2,500	2,538	2,576	2,614	2,653
Haz-Mat Program Supplies	2,550	2,588	2,627	2,666	2,706
Clothing & Uniforms	102,350	103,885	105,444	107,025	108,631
Rescue Materials	10,300	10,455	10,611	10,770	10,932
Medical Supplies	6,800	6,902	7,006	7,111	7,217
Meals & Refreshments	6,350	6,445	6,542	6,640	6,740
Utilities	184,100	191,464	199,123	207,087	215,371

**City of Batavia 5 Year General Fund Budget Projection  
Expenditures, Surplus (Deficit), Reserves and Days Operation**

	2017	2018	2019	2020	2021
Safety Supplies	3,000	3,045	3,091	3,137	3,184
General Supplies	56,100	56,942	57,796	58,663	59,542
Other Equipment	74,506	75,624	76,758	77,909	79,078
Landfill Fees	11,000	11,165	11,332	11,502	11,675
Ornamental Supplies	25,000	25,375	25,756	26,142	26,534
<b>Commodities</b>	<b>1,447,066</b>	<b>1,476,156</b>	<b>1,504,552</b>	<b>1,533,623</b>	<b>1,563,389</b>
R & M Vehicles	158,800	161,182	163,600	166,054	168,545
R & M Building	206,000	209,090	212,226	215,410	218,641
R&M Office Equipment	48,105	48,827	49,559	50,302	51,057
R&M City Properties	248,500	252,228	256,011	259,851	263,749
R & M Field Equipment	38,400	38,976	39,561	40,154	40,756
<b>Repair &amp; Maintenance</b>	<b>699,805</b>	<b>710,302</b>	<b>720,957</b>	<b>731,771</b>	<b>742,748</b>
Plumbing Inspections	47,500	48,213	48,936	49,670	50,415
Professional Services	612,580	621,769	631,095	640,562	650,170
Pest & Animal Control	73,000	74,095	75,206	76,335	77,480
Forestry and Tree Service	415,000	427,450	440,274	453,482	467,086
Legal Fees	164,000	167,280	170,626	174,038	177,519
BATV (% Franchise Fee)	188,000	190,820	193,682	196,588	199,536
Tri-City Ambulance	367,491	374,841	382,338	389,984	397,784
Tri-Com Dispatch	446,133	459,517	473,302	487,502	502,127
Ride in Kane Program	100,000	101,500	103,023	104,568	106,136
Software Support	162,995	165,440	167,922	170,440	172,997
<b>Professional Services</b>	<b>2,576,699</b>	<b>2,630,924</b>	<b>2,686,403</b>	<b>2,743,167</b>	<b>2,801,250</b>
Liability & Property Insurance	243,710	253,458	263,597	274,141	285,106
Bad Debt Expense	6,000	6,300	6,615	6,946	7,293
Utility Administration	(1,284,843)	(1,634,843)	(1,634,843)	(1,634,843)	(1,634,843)
Transfer to Fire Station DS Fd41	707,700	711,500	709,700	709,700	717,450
<b>Other</b>	<b>(327,433)</b>	<b>(663,585)</b>	<b>(654,931)</b>	<b>(644,057)</b>	<b>(624,994)</b>
Technology Equipment	144,640	146,810	149,012	151,247	153,516
Vehicles & Equipment	136,894	140,316	143,824	147,420	151,105
Transfer to Drainage Improv Fd33	1,270,000	1,270,000	1,270,000	1,270,000	1,270,000
Transfer to Street Imp. Fd43	240,000	300,000	500,000	500,000	500,000
Transfer to City Hall Capital Fd48	-	100,000	100,000	100,000	100,000
Transfer to PW Capital Dev Fd71	275,000	275,000	300,000	300,000	300,000
Transfer to Fire Capital Dev Fd72	275,000	300,000	325,000	350,000	350,000
<b>Capitla</b>	<b>2,341,534</b>	<b>2,532,126</b>	<b>2,787,836</b>	<b>2,818,667</b>	<b>2,824,621</b>
<b>Total Expenditures</b>	<b>26,306,087</b>	<b>27,040,626</b>	<b>28,007,319</b>	<b>28,852,412</b>	<b>29,690,830</b>
<b>Surplus/Deficit (Net of TIF Loan)</b>	<b>(428,930)</b>	<b>(395,063)</b>	<b>(633,792)</b>	<b>(645,483)</b>	<b>(966,001)</b>
TIF Repayment	350,000	625,000	625,000	275,000	
TIF Loan	(815,125)				
<b>Reserves</b>	<b>7,176,104</b>	<b>7,406,041</b>	<b>7,397,249</b>	<b>7,026,766</b>	<b>6,060,765</b>
<b>Days Operation</b>	<b>109</b>	<b>110</b>	<b>107</b>	<b>99</b>	<b>82</b>

## Capital Improvement Project Summary 2017

The following projects encompass priority projects over the next five years. Projects that are slated for 2018 - 2021 are listed after 2017 projects. The future projects are provided for reference of projected capital needs. As with any multi-year plan, some these projects are in the very preliminary planning stages. Projects starting in 2018 and after are provided for dissemination and discussion and not considered part of the 2017 budget. Approval of the 2017 budget does not indicate approval for any project not part of the 2017 budget.

A table of contents of all projects is provided below and on the following page for easy reference. If the projects are a continuation of a prior year project, the prior year costs are included. Some projects may span several accounts, departments or funds but are presented as one project for a comprehensive look at all improvements being done in relation to the project.

### Capital Projects – 2017

Colonial Village Overhead Electric Rebuild	C-3
Fabyan/Western Transmission Line	C-4
Fiber Optic Extensions and Improvements	C-5
Highlands Electric Improvements	C-6
Booster Pump VFD Installation	C-7
Hart Road Water Main Replacement	C-8
Kirk and Fabyan Watermain Relocation	C-9
Main St. WM Replacement	C-10
Tonka Filter Rehabilitation	C-11
Water Meter Change-Out Program	C-12
Water Service Line Replacements – Mallory & Main St	C-13
Water Service Line Replacements – Washington & State St	C-14
Water St. WM Replacement-North	C-15
SCADA Upgrades – WWTP & Lift Stations	C-16
WWTP Expansion/Upgrade	C-17
Main St. Sanitary Sewer Replacement	C-18
Sanitary Sewer Collection System Rehabilitation	C-19
Area 2 & 3 Separation	C-20
Ward 1 Drainage Improvements	C-21
Deerpath Bridge Rehabilitation	C-22

Deerpath Rd. and Main St. Intersection Improvements	C-23
Main Street Reconstruction	C-24
Prairie Street Reconstruction	C-25
Street Maintenance Program	C-26
Wilson Street Interconnect Ph 2 Design-Sec#09-00073-00-TL	C-27
Safe Routes to School-JB Nelson, Wintergreen Terrace	C-28
Government Center - Building Improvements	C-29
Government Center Roof Safety Cable	C-30
Government Center – Security Upgrades	C-31
Government Center – Windows	C-32
Replacement of Cardiac Monitor on ALS Engine	C-33

## 2017 - 2021 Capital Project

**Project Name Colonial Village Overhead Electric Rebuild**

**Department Electric**

**Team Leader**

**Brian Bettin**

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 60,000
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	194,000	356,000					550,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 194,000</b>	<b>\$ 356,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 610,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 60,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	194,000	366,000					560,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 194,000</b>	<b>\$ 366,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 620,000</b>

### 1. Project Description and Justification

Obtaining necessary easements, and replacing all aging poles, wire and transformers. Most of the poles are 50 to 60 years old and located in the rear lot. Economic evaluation to determine if poles will be replaced in rear lot or relocated to front ROW. These facilities were acquired from Public Service, a precursor to ComEd.

### 2. Project Status/Completed Work/Support for Funding

The project is expected to start in Spring of 2017 and slated for completion by end of 2017.

Current Yr Budget Code	Amount
21-61-6410	\$15,000
21-61-6411	\$20,000
21-61-6416	\$17,000
21-61-6435	\$125,000
21-61-6452	\$17,000
<b>Total CY Budget</b>	<b>\$194,000</b>



## 2017 - 2021 Capital Project

**Project Name** Fabyan/Western Transmission Line

**Department** Electric

**Team Leader** Bob Rogde

Bob Rogde

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 590,000
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	465,000						465,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 465,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,055,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 590,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	465,000						465,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 465,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,055,000</b>

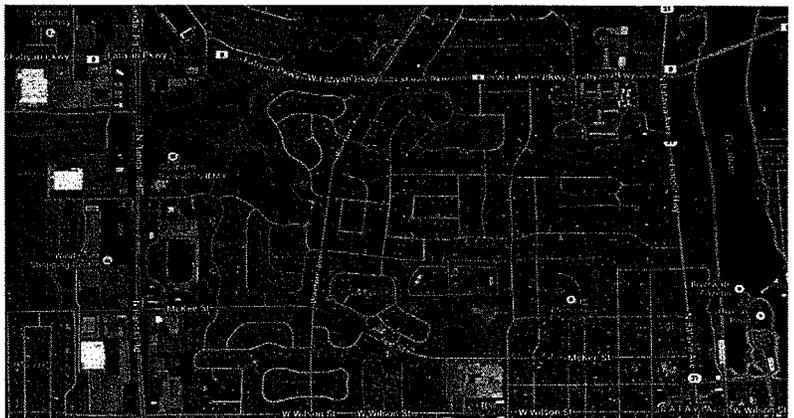
### 1. Project Description and Justification

The 2013 Overhead Infrastructure Condition Evaluation Project Identified these transmission poles as needing replacement. Obtaining necessary easements, and replacing all aging poles, wire and transformers. Most of the poles are 30 to 40 years old and located in the front of the lot. Most of this work will be in the right of way. Street lighting is included.

### 2. Project Status/Completed Work/Support for Funding

The project is expected to start by December 2016 and expected to be completed in May 2017.

Current Yr Budget Code	Amount
21-61-6435	\$465,000
<b>Total CY Budget</b>	<b>\$465,000</b>



## 2017 - 2021 Capital Project

**Project Name** Fiber Optic Extensions and Improvements

**Department** Electric

**Team Leader** Bob Rogde

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	45,000						45,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 45,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 45,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	45,000						45,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 45,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 45,000</b>

**1. Project Description and Justification**

Extension of fiber optic system across Fermi Lab property and along DuPage County ROW to a second connection at I-88. Also, extension south of I-88 to the Mercantile Exchange Data Center.

**2. Project Status/Completed Work/Support for Funding**

The project is currently under construction . The project is slated for completion by early 2017.

Current Yr Budget Code	Amount
21-61-6435	\$45,000
<b>Total CY Budget</b>	<b>\$45,000</b>

Insert Map or Picture here

## 2017 - 2021 Capital Project

**Project Name** Highlands Electric Improvements

**Department** Electric

**Team Leader**

Brian Bettin

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering	90,000						90,000
Construction Engineering		20,000					20,000
Land/ROW Acquisition							
Infrastructure		750,000					750,000
Building Improvements							
Equipment		100,000					100,000
Other							
<b>Total Cost</b>	<b>\$ 90,000</b>	<b>\$ 870,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 960,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	90,000	435,000	435,000				960,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 90,000</b>	<b>\$ 435,000</b>	<b>\$ 435,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 960,000</b>

### 1. Project Description and Justification

Obtaining necessary easements, and replacing all aging poles, wire and transformers. Most of the poles are 50 to 60 years old and located in the rear lot. Economic evaluation to determine if poles will be replaced in rear lot or relocated to front ROW.

### 2. Project Status/Completed Work/Support for Funding

The design engineering will take place in 2017 and construction will take place in 2018-2019.

Current Yr Budget Code	Amount
21-61-6435	\$90,000
<b>Total CY Budget</b>	<b>\$90,000</b>



## 2017 - 2021 Capital Project

**Project Name** Booster Pump VFD Installation

**Department** Water

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 25,000
Professional Services							
Design Engineering							
Construction Engineering	20,000						20,000
Land/ROW Acquisition							
Infrastructure	30,000						30,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 50,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 75,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 25,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	50,000						50,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 50,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 75,000</b>

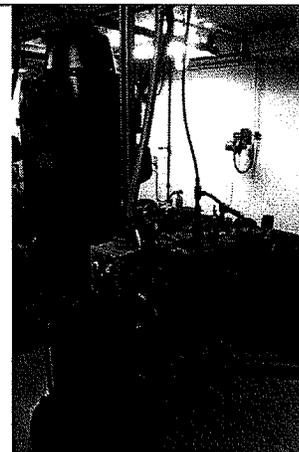
### 1. Project Description and Justification

Variable Frequency Drives enable motors to slowly ramp up or ramp down depending on the demand. This ability leads to more efficient operations and longer motor life

### 2. Project Status/Completed Work/Support for Funding

Four of the six booster pumps already have VFDs installed - with the latest one getting installed in 2016. The remaining two booster pumps are proposed to receive VFDs in 2017.

Current Yr Budget Code	Amount
30-71-6476	\$50,000
<b>Total CY Budget</b>	<b>\$50,000</b>



## 2017 - 2021 Capital Project

**Project Name** Hart Road Water Main Replacement

**Department** Water

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 20,000
Professional Services							
Design Engineering							
Construction Engineering	35,000						35,000
Land/ROW Acquisition							
Infrastructure	340,000						340,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 375,000</b>		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 395,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 20,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	375,000						375,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 375,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 395,000</b>

**1. Project Description and Justification**

This project has been identified on the Water Division Water Main Replacement Program as a priority for replacement. The Hart Rd. WM is is being replaced between Kickapoo Dr. & Chillem Dr. due to poor soil conditions and pipe failures. The new pipe will be 12" diameter to replace a 10" pipe.

**2. Project Status/Completed Work/Support for Funding**

Construction is slated for spring 2017.

Current Yr Budget Code	Amount
30-71-6476	\$375,000
<b>Total CY Budget</b>	<b>\$375,000</b>



## 2017 - 2021 Capital Project

**Project Name** Kirk and Fabyan Watermain Relocation

**Department** Water

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	1,600,000						1,600,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 1,600,000</b>		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,600,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	1,600,000						1,600,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 1,600,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,600,000</b>

### 1. Project Description and Justification

The City was informed by KDOT in 2016 of the need to relocate our existing 12" watermain at the intersection of Kirk & Fabyan in order to facilitate future intersection improvements and associated roadway widening.

### 2. Project Status/Completed Work/Support for Funding

The KDOT project is currently in Phase II design engineering and is scheduled to proceed to construction in late 2017. Engineering for the watermain relocation is being performed by KDOT. This project WAS NOT identified as part of the City's recent Water and Sewer rate study and IS NOT accounted for in the existing rates.

Current Yr Budget Code	Amount
30-71-6476	\$1,600,000
<b>Total CY Budget</b>	<b>\$1,600,000</b>

## 2017 - 2021 Capital Project

**Project Name** Main St. WM Replacement

**Department** Water

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering	100,000						100,000
Construction Engineering	30,000						30,000
Land/ROW Acquisition							
Infrastructure	1,300,000						1,300,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 1,430,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,430,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	1,430,000						1,430,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 1,430,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,430,000</b>

### 1. Project Description and Justification

This project has been identified on the Water Dept. Water Main Replacement Program as a priority for replacement. The Main St. WM is dated to pre-1930, has fire flow issues and is being replaced in conjunction with the Main Street reconstruction project

### 2. Project Status/Completed Work/Support for Funding

The project is currently in Phase II design engineering and is scheduled to proceed to construction in late 2017. This project was identified as part of the City's recent Water and Sewer rate study.

Current Yr Budget Code	Amount
30-71-6476	\$1,430,000
<b>Total CY Budget</b>	<b>\$1,430,000</b>

## 2017 - 2021 Capital Project

**Project Name** Tonka Filter Rehabilitation

**Department** Water

**Team Leader** Jeremy Barkei

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering	10,000						10,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	50,000						50,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 60,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 60,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	60,000						60,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 60,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 60,000</b>

### 1. Project Description and Justification

Two Tonka filters are utilized at the Water Treatment Plant as part of the radium removal process. Each tonka filter is separated into four (4) individual cells. One cell of one of the Tonka filters is experiencing issues related to the back-wash system. Rehabilitation work is needed to restore the back-wash system to its full capability.

### 2. Project Status/Completed Work/Support for Funding

Water Utility has been in communication with Tonka Manufacturing and will proceed forward with engineering and construction of the rehabilitation work in 2017.

Current Yr Budget Code	Amount
30-71-6476	\$60,000
<b>Total CY Budget</b>	<b>\$60,000</b>



## 2017 - 2021 Capital Project

**Project Name** Water Meter Change-Out Program

**Department** Water

**Team Leader** Jeremy Barkei

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 780,000
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	200,000	200,000	200,000	200,000			800,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,580,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 780,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	200,000	200,000	200,000	200,000			800,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,580,000</b>

### 1. Project Description and Justification

This project has been identified by the Water/Sewer Utility as a priority for fiscal years 2012 - 2020. The water meter's in Batavia are old and in need of replacement. The reading technology for the existing meters is becoming obsolete and the meter accuracy diminishes with age. This is a shared expense between the Water and Sewer Utility. The new technology will allow for more automation with the monthly readings and the pay-per-read meter expense will be phased out.

### 2. Project Status/Completed Work/Support for Funding

Staff began installing the new meters in FY 2012 utilizing in-house staff for the labor. The program continues on track for scheduled completion in 2020.

Current Yr Budget Code	Amount
30-73-6629	\$100,000
31-83-6268	\$100,000
<b>Total CY Budget</b>	<b>\$200,000</b>



## 2017 - 2021 Capital Project

**Project Name** Water Service Line Replacements - Mallory & Main St.

**Department** Water

**Team Leader** Jeremy Barkei

**Jeremy Barkei**

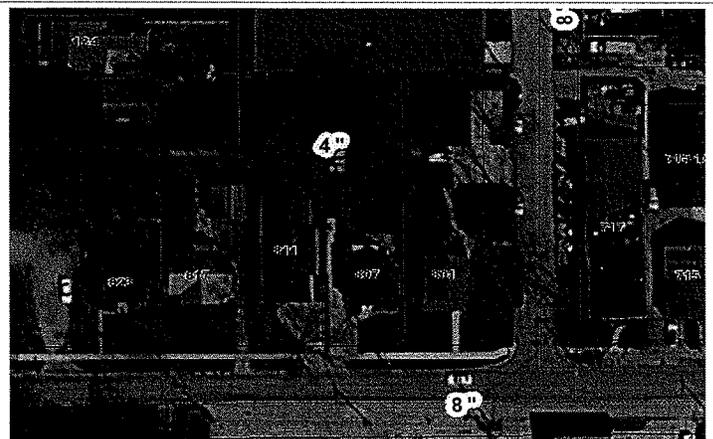
Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	15,000						15,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 15,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 15,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	15,000						15,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 15,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 15,000</b>

### 1. Project Description and Justification

There are several old back yard water service lines which are no longer fully accessible and the City would like to transfer the old water lines to a new water main on Main St.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
30-71-6476	\$15,000
<b>Total CY Budget</b>	<b>\$15,000</b>



## 2017 - 2021 Capital Project

**Project Name** Water Service Line Replacements - Washington & State St.

**Department** Water

**Team Leader**

Jeremy Barkei

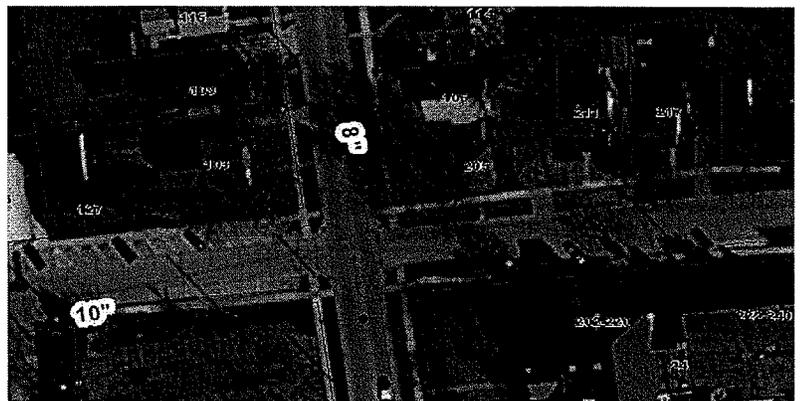
Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	15,000						15,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 15,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 15,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	15,000						15,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 15,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 15,000</b>

### 1. Project Description and Justification

There are several water service lines which are on an old water main and the City would like to transfer the old water lines to a new water main which will allow the City to disconnect the old water main and take it out of service.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
30-71-6476	\$15,000
<b>Total CY Budget</b>	<b>\$15,000</b>



**2017 - 2021 Capital Project**

**Project Name** Water St. WM Replacement - North

**Department** Water

**Team Leader**

Jeremy Barkei

<b>Project Costs</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Future Yrs</b>	<b>Total</b>
Prior Years Costs							
Professional Services							
Design Engineering	20,000						20,000
Construction Engineering	10,000						10,000
Land/ROW Acquisition							
Infrastructure	300,000						300,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 330,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 330,000</b>
<b>Funding Source(s)</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Future Yrs</b>	<b>Total</b>
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	330,000						330,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 330,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 330,000</b>

**1. Project Description and Justification**

This project has been identified as a Water Main New Pipe Installation Program as a priority . The new Water St. WM will be installed between First St. and Main St. to improve fire flows in the area. The project is slated to coincide with the Main St. watermain reconstruction project.

**2. Project Status/Completed Work/Support for Funding**

The project is currently in Phase II design engineering and is scheduled to proceed to construction in late 2017. This project was identified as part of the City's recent Water and Sewer rate study.

<b>Current Yr Budget Code</b>	<b>Amount</b>
30-71-6476	\$330,000
<b>Total CY Budget</b>	<b>\$330,000</b>

## 2017 - 2021 Capital Project

**Project Name** SCADA Upgrades - WWTP & Lift Stations

**Department** Wastewater

**Team Leader**

Byron Ritchason

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 81,000
Professional Services	75,000	75,000					150,000
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment	75,000	75,000					150,000
Other							
<b>Total Cost</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 381,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 81,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	150,000	150,000					300,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 381,000</b>

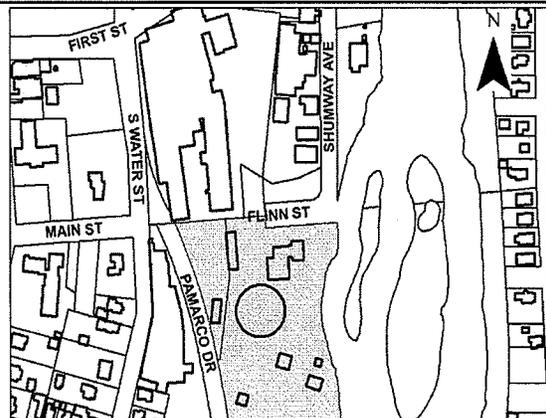
### 1. Project Description and Justification

SCADA is the acronym for Supervisory Control and Data Acquisition. SCADA is a computer-based system for gathering and analyzing real-time data to monitor and control equipment within both the WWTP and all 18 lift stations. A new SCADA computer was installed in 2015 and much of the WWTP is now up and running on SCADA. Lift Station installation and programming will begin in 2016. The budgeted amount includes both equipment and installation.

### 2. Project Status/Completed Work/Support for Funding

2016 - Complete WWTP Installation & Computer Upgrades  
 2016 - Lift Station Installation  
 2017 - Continued Lift Station Installation

Current Yr Budget Code	Amount
31-81-6435	\$150,000
<b>Total CY Budget</b>	<b>\$150,000</b>



## 2017 - 2021 Capital Project

**Project Name** WWTP Expansion/Upgrade

**Department** Wastewater

**Team Leader**

Byron Ritchason

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 1,782,872
Professional Services	50,000						50,000
Design Engineering			1,629,669			1,085,893	2,715,562
Construction Engineering	1,400,000	342,000	900,000	729,669		1,085,893	4,457,562
Land/ROW Acquisition							
Infrastructure	16,356,650	7,373,813	10,375,793	11,798,990		14,646,931	60,552,177
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$17,806,650</b>	<b>\$ 7,715,813</b>	<b>\$12,905,462</b>	<b>\$12,528,659</b>	<b>\$</b>	<b>\$16,818,717</b>	<b>\$69,558,173</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 1,782,872
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves			200,000			200,000	400,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA	17,806,650	7,715,813	12,705,462	12,528,659		16,618,717	67,375,301
MFT/Street Program							
<b>Total Funding</b>	<b>\$17,806,650</b>	<b>\$ 7,715,813</b>	<b>\$12,905,462</b>	<b>\$12,528,659</b>	<b>\$</b>	<b>\$16,818,717</b>	<b>\$69,558,173</b>

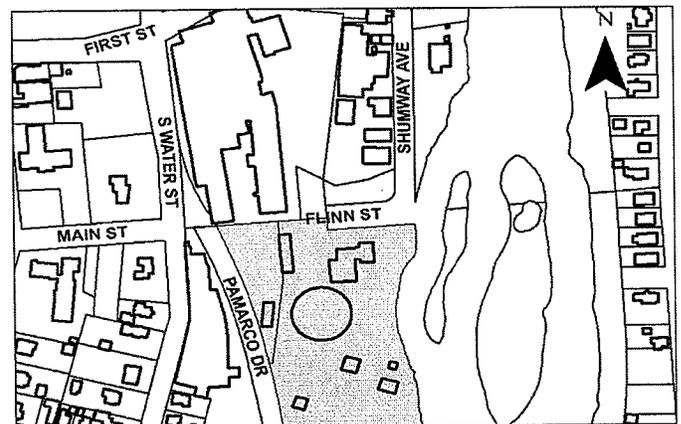
### 1. Project Description and Justification

Wastewater Treatment Plant Expansion/Upgrades - 400 S. Shumway Avenue  
 This project is a multi-phase project that includes replacement of equipment, implementation of new processes to meet EPA regulations, and ultimately will provide for expansion of plant capacity. The extent of the entire project may change as the project moves into the construction phases. Funding will be provided through Illinois EPA low interest loan funds. A rate study was completed in 2015 to layout a plan for funding.

### 2. Project Status/Completed Work/Support for Funding

Phase I Rehab (2016 - 2019) - \$27.5 Million Phase II Expansion & Upgrade (2018 - 2022) - \$25.4 Million  
 Phase III Headworks & Other (2023 - 2025) - \$16.8 Million  
 IEPA loan proceeds will not cover \$2,400,000 of up front project costs and must be paid from reserves  
 Costs that are covered are on a reimbursement basis

Current Yr Budget Code	Amount
31-81-6475	\$17,806,650
31-81-4750	-\$17,806,650
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Main Street Sanitary Sewer Lining

**Department** Sanitary Sewer

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	685,000	415,000					1,100,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 685,000</b>	<b>\$ 415,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,100,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	685,000	415,000					1,100,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 685,000</b>	<b>\$ 415,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,100,000</b>

### 1. Project Description and Justification

This project will be done in combination with the Main Street reconstruction project. This project will include structural lining of the mainline sanitary sewer and individual house service lines. This work is done to reduce infiltration and inflow into the sanitary sewer collection system.

### 2. Project Status/Completed Work/Support for Funding

Engineering for this project will be completed in 2016. This project was identified as part of the City's recent Water and Sewer rate study.

Current Yr Budget Code	Amount
31-83-6473	\$685,000
<b>Total CY Budget</b>	<b>\$685,000</b>



## 2017 - 2021 Capital Project

**Project Name** Sanitary Sewer Collection System Rehabilitation

**Department** Sanitary Sewer

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering			30,000	30,000	30,000		90,000
Construction Engineering			25,000	25,000	25,000		75,000
Land/ROW Acquisition							
Infrastructure	100,000	100,000	400,000	400,000	400,000		1,400,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$</b>	<b>\$ 1,565,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves	100,000	100,000	455,000	455,000	455,000		1,565,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$</b>	<b>\$ 1,565,000</b>

### 1. Project Description and Justification

This project has been identified by the Sewer Utility as a priority for upcoming fiscal years. The goal of the sanitary sewer collection system rehabilitation will include; minimizing sources of infiltration and inflow; rehab. of old manhole structures; pipe lining, repair and reconstruction projects; identification and repair of other sanitary sewer infrastructure deficiencies. This project began in 2012 and will be an on-going utility project as it relates to the City's IEPA waste water discharge permit and the City's requirement to properly maintain the collection system.

### 2. Project Status/Completed Work/Support for Funding

Funding levels for 2017 & 2018 are reduced to allow for work on the Main Street project. Staff will continue to work with RJN Group, Wheaton, IL. to identify and correct deficiencies in the sewer collection system. Projects have included; manhole repairs; flow monitoring; pipe cleaning and televising; and insitu-lining of pipes.

Current Yr Budget Code	Amount
31-83-6473	\$100,000
<b>Total CY Budget</b>	<b>\$100,000</b>



## 2017 - 2021 Capital Project

**Project Name** Area 2 & 3 Separation

**Department** Engineering

**Team Leader**

Andrea Podraza

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 25,975
Professional Services							
Design Engineering	280,000						
Construction Engineering	63,600	96,000	95,000	68,000	95,000	60,000	
Land/ROW Acquisition							
Infrastructure	714,000	1,011,000	1,000,000	715,000	1,000,000	630,000	
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 1,057,600</b>	<b>\$ 1,107,000</b>	<b>\$ 1,095,000</b>	<b>\$ 783,000</b>	<b>\$ 1,095,000</b>	<b>\$ 690,000</b>	<b>\$ 5,827,600</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees	1,057,600	1,107,000	1,095,000	783,000	1,095,000	690,000	5,827,600
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 1,057,600</b>	<b>\$ 1,107,000</b>	<b>\$ 1,095,000</b>	<b>\$ 783,000</b>	<b>\$ 1,095,000</b>	<b>\$ 690,000</b>	<b>\$ 5,827,600</b>

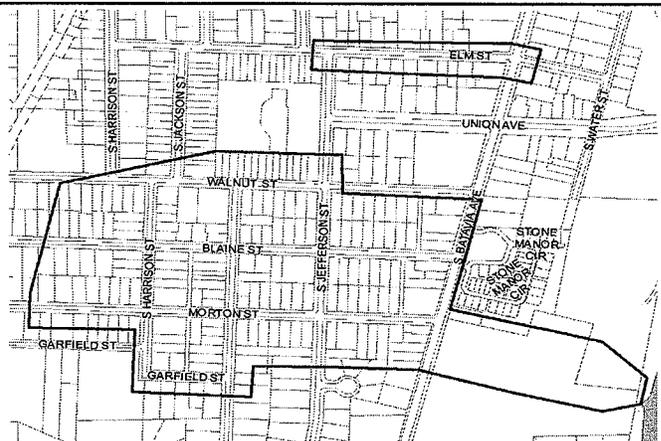
### 1. Project Description and Justification

Area 2 & 3 references the combined sewer on the City's west side. Area 2 requires construction of separate storm sewers along Elm between Jefferson & Rt. 31 and at the Rt. 31 intersection. This will eliminate combination sewer in this area. Area 3 encompasses the areas from the RR to the Fox River along Walnut, Blaine & Morton. Phase II and III construction are required to design final engineering plans to separate the sewer and construct it in phases. Area 2 will be constructed in 2017. and Area 3 and the cemetery/outfall improvements will begin in 2017. This area has had repeated flooding and sewer backups during heavy rain events and is a requirement of the IEPA to separate combined sewer areas.

### 2. Project Status/Completed Work/Support for Funding

The preliminary engineering study for Area 3 was completed in the summer of 2016. Future design and construction work is currently budgeted through transfers from the General Fund. No grant funds have been applied for at this time although the IEPA Loans will be looked into for sewer separation. No work outside the framework plan has been done on this project to date.

Current Yr Budget Code	Amount
33-34-6470	\$1,057,600
<b>Total CY Budget</b>	<b>\$1,057,600</b>



## 2017 - 2021 Capital Project

**Project Name** Ward 1 Drainage Improvements

**Department** Engineering

**Team Leader**

Andrea Podraza

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 32,365
Professional Services							
Design Engineering	155,000						
Construction Engineering		72,600	63,000	40,000	34,000		
Land/ROW Acquisition							
Infrastructure		765,000	665,000	410,000	355,000		
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 155,000</b>	<b>\$ 837,600</b>	<b>\$ 728,000</b>	<b>\$ 450,000</b>	<b>\$ 389,000</b>	<b>\$</b>	<b>\$ 2,559,600</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 32,365
General Taxes/Fees	155,000	837,600	728,000	450,000	389,000		2,559,600
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 155,000</b>	<b>\$ 837,600</b>	<b>\$ 728,000</b>	<b>\$ 450,000</b>	<b>\$ 389,000</b>	<b>\$</b>	<b>\$ 2,559,600</b>

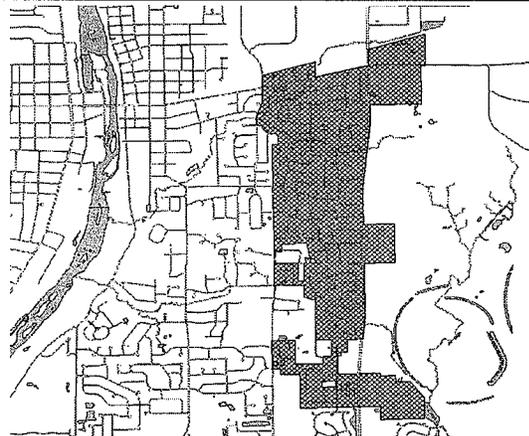
### 1. Project Description and Justification

Ward 1 references the area generally bound by Pine St, Kirk Rd, Giese Rd & Raddant Rd on City's east side. This area will require phase 2 final engineering design and construction. The improvements will increase the storm sewer capacity to meet the critical design storm sewer today. The improvements will eliminate upstream ponding and localized flooding caused by restrictive pipe capacity. Construction will occur in phases, starting with downstream first with the plan in this order: Giese Road; Larkspur, Bluestem & Lexington; Orchard Ct & Lexington, Chillem, Cardinal Ct & Bluestem; Raddant Rd.

### 2. Project Status/Completed Work/Support for Funding

The study for Ward 1 was completed in the summer of 2016. Currently, future design and construction portion is funded through transfers from General Fund. No grant funds have been applied for at this time. This project is being phased in to resolve the localized drainage problems.

Current Yr Budget Code	Amount
33-34-6470	\$155,000
<b>Total CY Budget</b>	<b>\$155,000</b>



## 2017 - 2021 Capital Project

**Project Name** Deerpath Bridge Rehabilitation

**Department** Engineering

**Team Leader**

Andrea Podraza

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 934,740
Professional Services							
Design Engineering							
Construction Engineering	20,000						20,000
Land/ROW Acquisition							
Infrastructure	2,379						2,379
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 22,379</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 957,119</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 934,740
General Taxes/Fees	6,379						6,379
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other	16,000						16,000
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 22,379</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 957,119</b>

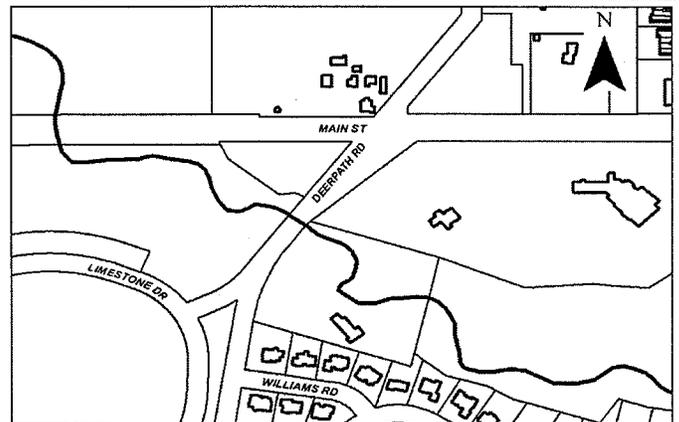
### 1. Project Description and Justification

The IDOT bridge inspection report indicated that the bridge roadway width was substandard and need to widened to allow for shoulders on both sides of the road. The limits of this project are the bridge itself between Main Street & Deerpath where a bikepath will be constructed on the eastside between where the sidewalk ends near Saupp and the Holy Cross Church entrance and a sidewalk will be extended on the west side from its current terminus to the Holy Cross Entrance. IDOT will fund all phases of this project under Highway Bridge Rehabilitation and Reconstruction Program, now known as STP. The cost sharing is 80% IDOT and 20% City. IDOT grant is paying \$276,000 towards the construction of this project.

### 2. Project Status/Completed Work/Support for Funding

Phase 1 Engineering started in FY2010 and approvals were granted in FY 2011, Phase 2 Design Engineering started in late FY2012 and was completed in 2015. The project was let in January 2016 with Construction completed in September 2016. This project recieved a Highway Bridge Program grant, now allocated through STP, at a Federal 80% and Local 20% match on all phases. The agreement with IDOT provided \$1,754,953 for construction and construction engineering. Restoration work remains for 2017 and payouts/project closeout.

Current Yr Budget Code	Amount
Construction Eng. 42-42-6474	\$20,000
Construction 42-42-6474	\$2,379
Grant Reimb. 42-00-4232	-\$16,000
<b>Total CY Budget</b>	<b>\$6,379</b>



## 2017 - 2021 Capital Project

**Project Name** Deerpath Road and Main St. intersection improvements

**Department** Engineering

**Team Leader** Andrea Podraza

Andrea Podraza

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 108,325
Professional Services							
Design Engineering	230,000						230,000
Construction Engineering		257,000					257,000
Land/ROW Acquisition	228,000						228,000
Infrastructure		2,570,000					2,570,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 458,000</b>	<b>\$ 2,827,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,285,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 108,325
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other	458,000	2,198,625					2,656,625
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 458,000</b>	<b>\$ 2,198,625</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 2,656,625</b>

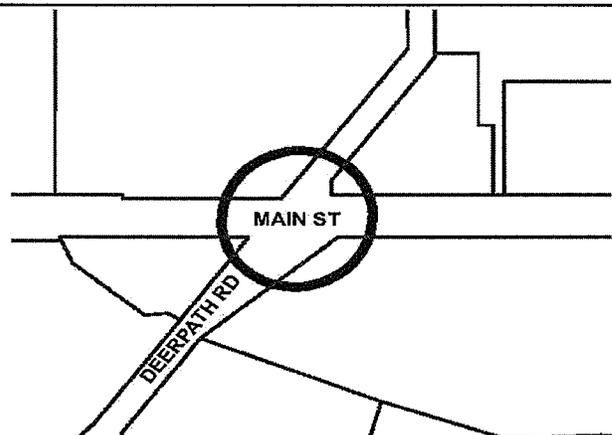
### 1. Project Description and Justification

Installation of traffic signals at the intersection of Deerpath Road and Main Street that will interconnect with Randall Road. The improvements also include removal of the skewed alignment of Main & Deerpath at the intersection, addition of pedestrian and cycling paths consistent with the Kane County Bike Plan as well as sidewalks on the remainder of frontages.

### 2. Project Status/Completed Work/Support for Funding

The project will be implemented as a joint project between City of Batavia and Kane County. Phase 1 and 2 will utilize 100% local funds with 50% coming from City of Batavia (Developer Funds) and 50% Kane County. The City has secured Surface Transportation Program (STP) Grant for Phase 3 construction engineering and construction in the amount of \$2,120,250. The STP grant is a 75%/25%. The 25% share will be split 50/50 between the City and Kane County. It is anticipated that the Phase 2 design will be completed in 2017 and construction in 2018.

Current Yr Budget Code	Amount
43-47-6474	\$230,000
43-47-6465	\$228,000
43-00-4453-Developer Fund	-\$229,000
43-00-4453-KDOT Share	-\$229,000
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Main Street Reconstruction

**Department** Engineering

**Team Leader**

Rahat Bari

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 168,725
Professional Services							
Design Engineering	500,000						500,000
Construction Engineering		393,000					393,000
Land/ROW Acquisition	240,000						240,000
Infrastructure		4,293,000					4,293,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 740,000</b>	<b>\$ 4,686,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 5,594,725</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 168,725
General Taxes/Fees	240,000	1,000,000					1,240,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other	500,000	3,599,275					4,099,275
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program		86,725					86,725
<b>Total Funding</b>	<b>\$ 740,000</b>	<b>\$ 4,686,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 5,594,725</b>

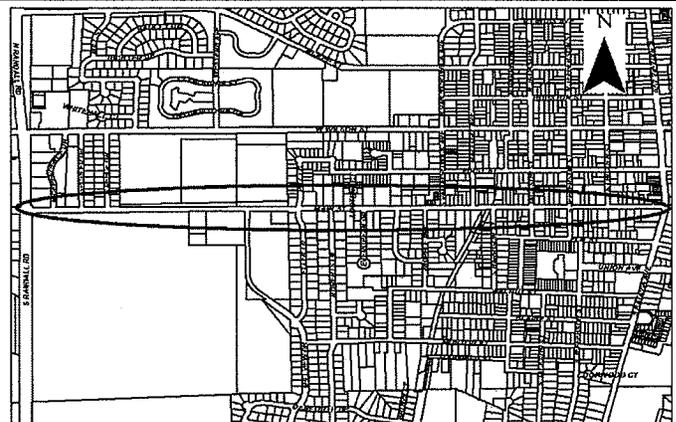
### 1. Project Description and Justification

This project consists of phase 2 Design Engineering completed by engineering consultant of Main St. from Van Nortwick Avenue to IL Route 31. The construction improvements consist of the complete reconstruction including curb/gutter, bituminous pavement, storm sewer, lighting, traffic signals, bikepath and sidewalk from IL Route 31 to Van Nortwick. This roadway is a major route through the City and is in a failing condition, with a combined storm sewer/ sanitary sewer system, drainage problems and poor pedestrian access.

### 2. Project Status/Completed Work/Support for Funding

Phase 1 Preliminary Engineering will be finished in FY2016 and Phase 2 Design Engineering will begin in 2017. Right-of-way acquisition will also start in 2017. The actual roadway construction and water main work is anticipated in 2017-2018, depending on IDOT approvals. The project is funded at a Federal 80% and Local 20% match. The City is approved to receive \$2.5 million in STP funds (Federal Fund) for Construction and Construction Engineering.

Current Yr Budget Code	Amount
Design Engineering 43-47-6474	\$500,000
Land/ROW Acq 43-47-6465	\$240,000
Grant 43-00-4232	-\$500,000
<b>Total CY Budget</b>	<b>\$240,000</b>



## 2017 - 2021 Capital Project

**Project Name** Prairie Street Reconstruction

**Department** Engineering

**Team Leader**

Rahat Bari

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$
Professional Services							
Design Engineering	300,000	300,000					600,000
Construction Engineering			225,000				225,000
Land/ROW Acquisition							
Infrastructure			2,250,000				2,250,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 2,475,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,075,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$
General Taxes/Fees			98,750				98,750
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other	300,000	300,000	2,376,250				2,976,250
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 300,000</b>	<b>\$ 300,000</b>	<b>\$ 2,475,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 3,075,000</b>

**1. Project Description and Justification**

This project consists of phase 1 & 2 Engineering completed by a consultant for Prairie Street reconstruction from Wilson Street to Pine Street. The construction improvements consist of the complete reconstruction including curb/gutter, bituminous pavement, storm sewer, lighting, and sidewalk. This roadway is a major route through the City and is in a failing condition. The evaluation of the repairs required for the existing utilities will be determined during the Phase 1 & 2 Engineering process.

**2. Project Status/Completed Work/Support for Funding**

The Phase 1 Engineering will take place in 2017 and Phase 2 Engineering in 2018. The actual roadway construction work is anticipated in 2019, depending on IDOT approvals. The construction portion of this project is funded at a Federal 75% and Local 25% match. The City is awarded \$1,856,250 million in STP funds.

Current Yr Budget Code	Amount
Engineering 43-47-6474	\$300,000
Grant 43-00-4232	-\$300,000
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Street Maintenance Program

**Department** Engineering

**Team Leader**

Rahat Bari

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment							
Other	1,905,000	1,905,000	1,905,000	1,905,000	1,905,000		9,525,000
<b>Total Cost</b>	<b>\$ 1,905,000</b>	<b>\$</b>	<b>\$ 9,525,000</b>				
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$
General Taxes/Fees	75,000	TBD	TBD	TBD	TBD		75,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other	1,700,000	TBD	TBD	TBD	TBD		1,700,000
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program	130,000	TBD	TBD	TBD	TBD		130,000
<b>Total Funding</b>	<b>\$ 1,905,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 1,905,000</b>

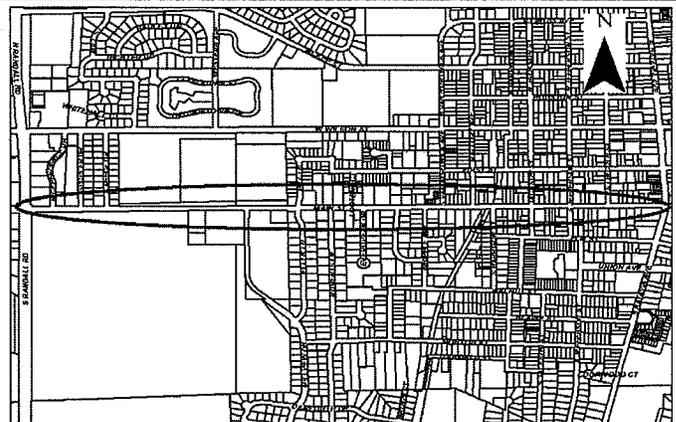
### 1. Project Description and Justification

Street maintenance program consists of projects such as street resurfacing, crackfilling, microsurfacing and other various projects. In 2017, three projects will take place: 2017 Street resurfacing Program, 2017 Street Patching Program and 2017 Crackfilling program. Street resurfacing program includes concrete curb and gutter removal and replacement, pavement milling, sidewalk removal and replacement, pavement resurfacing, pavement patching, adjustment of structures, storm sewer installation, structure replacements. 2017 Street Patching program consists of permanently patching potholes that develop on the streets. 2017 Crackfilling Program consists of cleaning and sealing of any cracks, voids or joints 2" in width or less with asphalt cement reinforced by polypropylene fibers.

### 2. Project Status/Completed Work/Support for Funding

This is annual street maintenance program which keeps streets in serviceable condition. Without regular maintenance work, emergency repair cost will go up. Most of these projects are funded through MFT and IDOT grant money.

Current Yr Budget Code	Amount
Street Resurfacing 43-47-6471	\$1,700,000
Crackfill 18-47-6471	\$130,000
Street Patching 43-47-6471	\$75,000
Grant Reimbursement 43-00-4232	-\$1,700,000
MFT 18-00-4230	-\$130,000
<b>Total CY Budget</b>	<b>\$75,000</b>





## 2017 - 2021 Capital Project

**Project Name** Safe Routes to School - JB Nelson, Wintergreen Terrace

**Department** Engineering

**Team Leader**

Rahat Bari

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$
Professional Services							
Design Engineering	28,443						28,443
Construction Engineering		28,443					28,443
Land/ROW Acquisition							
Infrastructure		113,770					113,770
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$ 28,443	\$ 142,213	\$	\$	\$	\$	\$ 170,656
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other	28,443	142,213					170,656
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$ 28,443	\$ 142,213	\$	\$	\$	\$	\$ 170,656

### 1. Project Description and Justification

Installation of new sidewalk on Wintergreen Terrace from Violet Lane to Woodland Hills Road to fill a missing gap. Replacement of the sidewalk at the intersection of S. College Street and Cleveland Avenue and south along Cleveland Avenue up to the back of JB Nelson School to meet current ADA requirements and to provide a better buffer between students and busses. All of these locations were identified as key routes for children to walk or ride to School as part of the Batavia Bicycle Plan & Safe Routes to School evaluations.

### 2. Project Status/Completed Work/Support for Funding

This project has received Safe Routes to School Funding in the amount of 100% (\$170,656). The City will be required to front the money with reimbursement from IDOT. We will be working on both the Ph1 & Ph2 design in 2017. If all approvals are recieved by IDOT in 2017, Staff anticipates construction in 2018. There are some obstacles with this project that the city will be working through in 2017.

Current Yr Budget Code	Amount
Ph1&2 Eng 45-41-6474	\$28,443
Reimbursement 45-00-4232	-\$28,443
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Government Center - Building Improvements

**Department** Public Works

**Team Leader** John Dillon

John Dillon

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 150,000
Professional Services							
Design Engineering	30,000	30,000					60,000
Construction Engineering	20,000	20,000					40,000
Land/ROW Acquisition							
Infrastructure							
Building Improvements	225,000	225,000					450,000
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 275,000</b>	<b>\$ 275,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 700,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 150,000
General Taxes/Fees	275,000	275,000					550,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 275,000</b>	<b>\$ 275,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 700,000</b>

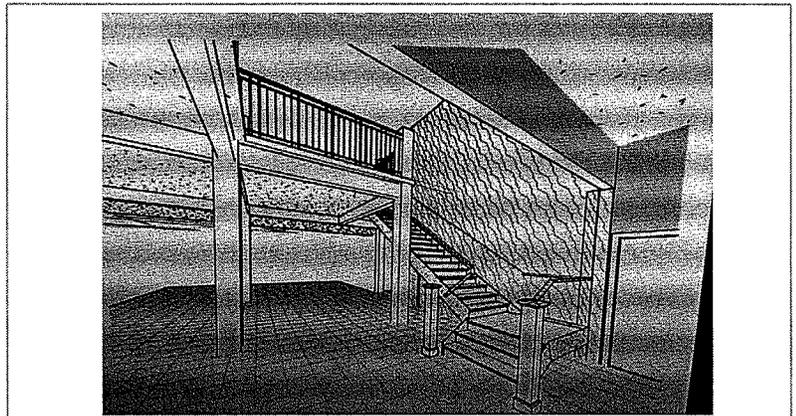
### 1. Project Description and Justification

The Building Improvement Project has been identified as a priority to bring the Government Center into compliance with building codes and to improve the accessibility for our customers. Highest priority items include compliance related issues related to the Lobby Stairs and with emergency exiting issues. Funds are also being allocated for the relocation of the receptionist to a permanent place on the 1st floor.

### 2. Project Status/Completed Work/Support for Funding

Preliminary design concepts will be presented for Council authorization to proceed with the improvements in 2017. This will be a multi-year improvement program.

Current Yr Budget Code	Amount
48-48-6472	\$275,000
<b>Total CY Budget</b>	<b>\$275,000</b>



## 2017 - 2021 Capital Project

**Project Name** Government Center Roof Safety Cable

**Department** Public Works

**Team Leader** John Dillon

John Dillon

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	50,000						50,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$ 50,000	\$	\$	\$	\$	\$	\$ 50,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$
General Taxes/Fees	50,000						50,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$ 50,000	\$	\$	\$	\$	\$	\$ 50,000

**1. Project Description and Justification**

This project is necessary to provide a safety cable for use by workers accessing the roof of the building. The works will wear a safety harness and clip onto the cable which will prevent accidental falls from the roof.

**2. Project Status/Completed Work/Support for Funding**

Staff is working with vendors to complete the design and will be bidding the project in 2016.

Current Yr Budget Code	Amount
48-48-6472	\$50,000
<b>Total CY Budget</b>	<b>\$50,000</b>

## 2017 - 2021 Capital Project

**Project Name** Government Center - Security Upgrades

**Department** Public Works

**Team Leader** John Dillon

John Dillon

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 150,000
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure	10,000						10,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 10,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 160,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 150,000
General Taxes/Fees	10,000						10,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 10,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 160,000</b>

**1. Project Description and Justification**

This majority of this project will be completed in 2016. Some minor improvements are anticipated in 2017.

**2. Project Status/Completed Work/Support for Funding**

Current Yr Budget Code	Amount
48-48-6472	\$10,000
<b>Total CY Budget</b>	<b>\$10,000</b>



## 2017 - 2021 Capital Project

**Project Name** Government Center - Windows

**Department** Public Works

**Team Leader** John Dillon

John Dillon

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering	20,000						20,000
Construction Engineering	20,000	20,000	20,000	5,000	5,000		70,000
Land/ROW Acquisition							
Infrastructure							
Building Improvements	110,000	150,000	150,000	30,000	30,000		470,000
Equipment							
Other							
<b>Total Cost</b>	<b>\$ 150,000</b>	<b>\$ 170,000</b>	<b>\$ 170,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$</b>	<b>\$ 560,000</b>
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$
General Taxes/Fees	150,000	170,000	170,000	35,000	35,000		560,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 150,000</b>	<b>\$ 170,000</b>	<b>\$ 170,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$</b>	<b>\$ 560,000</b>

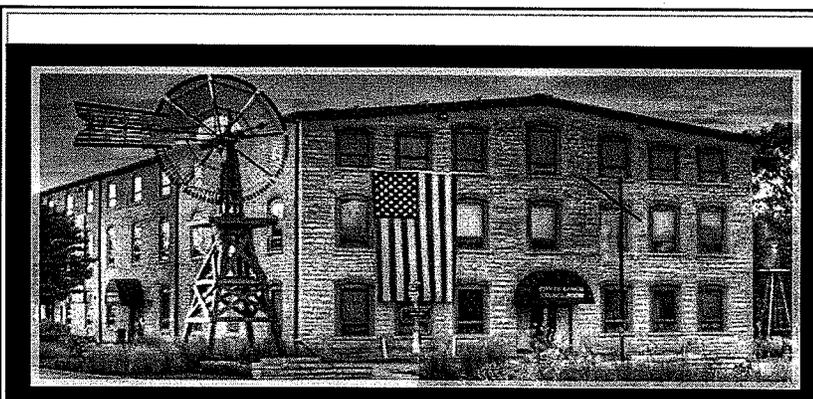
### 1. Project Description and Justification

This project has been identified as a priority to ensure Batavia's historic Government Center is properly maintained and improvements and maintenance issues are identified and prioritized. The buildings windows are aging and in need of replacement. This project will involve architectural evaluation and plans, engineering and construction services. The windows are a 3 year project.

### 2. Project Status/Completed Work/Support for Funding

The Building evaluation was completed in 2015 and the windows are slated to be completed over a 3 year time frame. The buildings limestone facade will also be tuckpointed during the window replacement process. In 2017, the buildings south facade windows will be completed.

Current Yr Budget Code	Amount
48-48-6472	\$150,000
<b>Total CY Budget</b>	<b>\$150,000</b>



## 2017 - 2021 Capital Project

**Project Name** Replacement of Cardiac Monitor on ALS Engine

**Department** Fire

**Team Leader**

Randy Diecke

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment	29,000						29,000
Other							
<b>Total Cost</b>	<b>\$ 29,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 29,000</b>
Funding Source(s)	FY2017	FY2018	FY2019	FY2020	FY2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees	29,000						29,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	<b>\$ 29,000</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$ 29,000</b>

### 1. Project Description and Justification

The Cardiac Monitor is required equipment to maintain our Advanced Life Support Engine. The current Cardiac Monitor was purchased in 2004. It is predicted that this unit will not be serviceable after 2016.

### 2. Project Status/Completed Work/Support for Funding

Funding is projected to be sufficient in General Taxes/Fees in the Fire capital replacement fund when replacement is needed

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## Capital Improvement Future Years

Replacement of Cardiac Monitor on ALS Engine	D-2
Industrial Customer Conversions 12kV to 35kV	D-3
Lorlyn Apartments Underground Electric Rebuild	D-4
Raddant Rd 12kV Underground Electric	D-5
Windmill Cove Underground Electric Replacement	D-6
Woodland Hills Overhead Electric Rebuild	D-7
Carriage Crest Underground Electric Rebuild	D-8
North Batavia Avenue Overhead Electric Rebuild	D-9
Pine Street 12kV Underground Electric	D-10
Randall Road Lift Station Rehabilitation	D-11
Replacement 1996 Seagrave Engine	D-12
Replacement of Fire Department Staff Vehicle	D-13
Waubonsee Trail Overhead Electric Rebuild	D-14
Water St. WM Replacement-South	D-15
Fabyan Parkway Relief Storm Sewer	D-16
Pine Street Water Main Lining	D-17
Union Ave. WM Replacement	D-18
Replacement of SCBA Air Packs	D-19

## 2017 - 2021 Capital Project

**Project Name** Replacement of Cardiac Monitor on ALS Engine

**Department** Fire

**Team Leader** Randy Diecke

Randy Diecke

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment		30,000					30,000
Other							
<b>Total Cost</b>	\$	\$ 30,000	\$	\$	\$	\$	\$ 30,000
Funding Source(s)	FY2017	FY2018	FY2019	FY2020	FY2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees		30,000					30,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$ 30,000	\$	\$	\$	\$	\$ 30,000

### 1. Project Description and Justification

The Cardiac Monitor is required equipment to maintain our Advanced Life Support Engine. The current Cardiac Monitor was purchased in 2008.

### 2. Project Status/Completed Work/Support for Funding

Funding is projected to be sufficient in General Taxes/Fees in the Fire capital replacement fund when replacement is needed

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name Industrial Customer Conversions 12kV to 35kV**

**Department Electric**

**Team Leader**

**Bob Rogde**

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 151,377
Professional Services							
Design Engineering		35,000					35,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure			250,000				250,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$ 35,000	\$ 250,000	\$	\$	\$	\$ 436,377
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 151,377
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves		35,000	250,000				285,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$ 35,000	\$ 250,000	\$	\$	\$	\$ 436,377

### 1. Project Description and Justification

Now that we have our own regulated and reliable 35kV system, we can serve more of our industrial customers at 35kV. This project will move load from our 12kV system to our 35kV system. This will decrease the load on our Paramount Substation which is nearing capacity. This should reduce losses and begin to better utilize our 35kV system.

### 2. Project Status/Completed Work/Support for Funding

Industries in the Northeast quadrant of the system are candidates. This project frees up space in the Paramount Park Substation and eliminates the need to build another 34 kV to 12 kV Substation. We will also look at any industrial customer that contacts us investigating a service addition or upgrade.

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Lorlyn Apartments Underground Electric Rebuild

**Department** Electric

**Team Leader** Mustafa Kahvedzic

**Mustafa Kahvedzic**

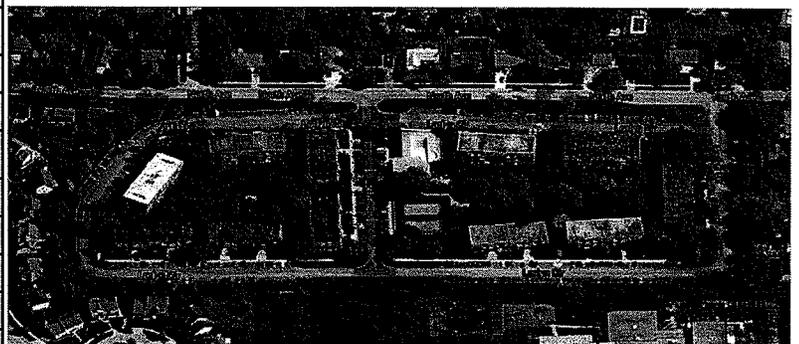
Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering		50,000					50,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure			40,000				40,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$ 50,000	\$ 40,000	\$	\$	\$	\$ 90,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves		50,000	400,000				450,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$ 50,000	\$ 400,000	\$	\$	\$	\$ 450,000

### 1. Project Description and Justification

Replacement of 30-40 year old underground wire. This underground wire has experienced some faults over the last few years that resulted in outages for our customers. The number of splices has exceeded the maximum we desire to have in the wire. This will be done in the West Side neighborhoods with specialized equipment to limit private property impacts.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Raddant Rd 12kV Underground Electric

**Department** Electric

**Team Leader** Mustafa Kahvedzic

Mustafa Kahvedzic

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering		70,000					70,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure			475,000				475,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$ 70,000	\$ 475,000	\$	\$	\$	\$ 545,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves		70,000	475,000				545,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$ 70,000	\$ 475,000	\$	\$	\$	\$ 545,000

### 1. Project Description and Justification

This project is installation of new 12kV feeder from Cherry Park Substation. Project provides for an extension of our electric system circuit feeders allowing flexibility in managing system loads.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>

## 2017 - 2021 Capital Project

**Project Name** Windmill Cove Underground Electric Replacement

**Department** Electric

**Team Leader** Mustafa Kahvedzic

**Mustafa Kahvedzic**

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							\$ 108,000
Professional Services							
Design Engineering		20,000					20,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure		700,000					700,000
Building Improvements							
Equipment		50,000					50,000
Other							
<b>Total Cost</b>	\$	\$ 770,000	\$	\$	\$	\$	\$ 878,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							\$ 108,000
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves		770,000					770,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$ 770,000	\$	\$	\$	\$	\$ 878,000

### 1. Project Description and Justification

Replacement of 20-30 year old underground wire. This underground wire has experienced some faults over the last few years that resulted in outages for our customers. The number of splices has exceeded the maximum we desire to have in the wire. This will be done in the East Side neighborhoods with specialized equipment to limit private property impacts.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
21-61-6410	
21-61-6416	
21-61-6435	
21-61-6452	
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Woodland Hills Overhead Electric Rebuild

**Department** Electric

**Team Leader** Brian Bettin

**Brian Bettin**

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering		110,000					110,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure		800,000					800,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$ 910,000	\$	\$	\$	\$	\$ 910,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves		910,000					910,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$ 910,000	\$	\$	\$	\$	\$ 910,000

### 1. Project Description and Justification

Obtaining necessary easements, and replacing all aging poles, wire and transformers. Most of the poles are 50 to 60 years old and located in the rear lot . Economic evaluation to determine if poles will be replaced in rear lot or relocated to front ROW. The facilities in this area were acquired from ComEd.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Carriage Crest Underground Electric Rebuild

**Department** Electric

**Team Leader** Brian Bettin

**Brian Bettin**

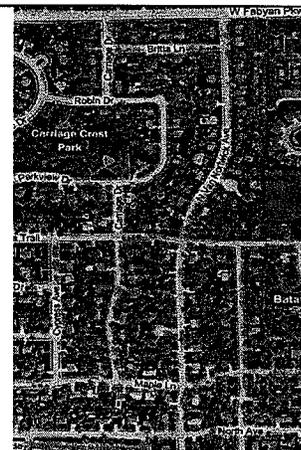
Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering			100,000				100,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure				725,000			725,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$ 100,000	\$ 725,000	\$	\$	\$ 825,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves			100,000	725,000			825,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$ 100,000	\$ 725,000	\$	\$	\$ 825,000

### 1. Project Description and Justification

Replacement of 40-50 year old underground wire. This underground wire has experienced some faults over the last few years that resulted in outages for our customers. The number of splices has exceeded the maximum we desire to have in the wire. This will be done in the West Side neighborhoods with specialized equipment to limit private property impacts.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** North Batavia Avenue Overhead Electric Rebuild

**Department** Electric

**Team Leader** Brian Bettin

**Brian Bettin**

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering			40,000				40,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure				300,000			300,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$ 40,000	\$ 300,000	\$	\$	\$ 340,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves			40,000	300,000			340,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$ 40,000	\$ 300,000	\$	\$	\$ 340,000

### 1. Project Description and Justification

Obtaining necessary easements, and replacing all aging poles, wire and transformers. Most of the poles are 30 to 50 years old and located in the front of the lot . Most of this work will be in the right of way. New poles will be taller, 45' to 50' instead of 40'. Street lighting is included.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Pine Street 12kV Underground Electric

**Department** Electric

**Team Leader**

Mustafa Kahvedzic

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering			50,000				50,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure				400,000			400,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$ 50,000	\$ 400,000	\$	\$	\$ 450,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves			50,000	400,000			450,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$ 50,000	\$ 400,000	\$	\$	\$ 450,000

### 1. Project Description and Justification

Project provides for an extension of our electric system circuit feeders allowing flexibility in managing system loads. A portion of this project includes replacing old 4kV wire that was abandoned when the area was converted to 12kV.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Randall Road Lift Station Rehabilitation

**Department** Wastewater

**Team Leader**

Byron Ritchason

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure			40,000				40,000
Building Improvements							
Equipment			100,000				100,000
Other							
<b>Total Cost</b>	\$	\$	\$ 140,000	\$	\$	\$	\$ 140,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves			140,000				140,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$ 140,000	\$	\$	\$	\$ 140,000

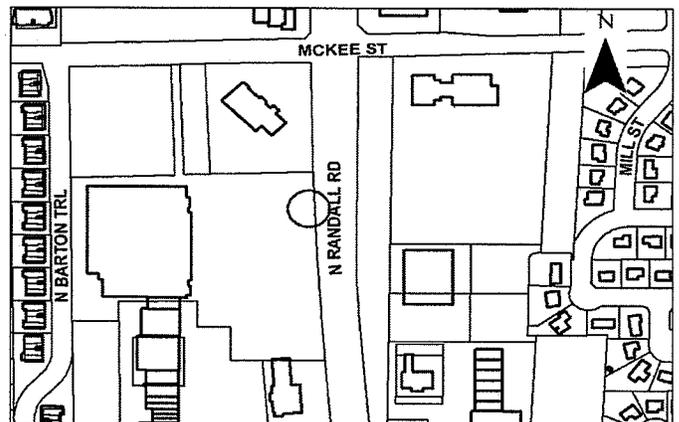
### 1. Project Description and Justification

The Randall Rd. lift station was built in the mid 1980's and before many of the developments west of Randall were built. The lift station is slightly undersized and has no automatic stand-by pumping capabilities. This item has been delayed several years due to budget constraints. City Staff has made several modifications to lengthen the service life and feel secure that delaying the project several years should not result in any loss of service.

### 2. Project Status/Completed Work/Support for Funding

No work has been completed, however, this station has been identified in the SSES report as a future capital improvement project.

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

Project Name **Replacement 1996 Seagrave Engine**

Department Fire

Team Leader

Randy Diecke

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment			650,000				650,000
Other							
<b>Total Cost</b>	\$	\$	\$ 650,000	\$	\$	\$	\$ 650,000
Funding Source(s)	FY2017	FY2018	FY2019	FY2020	FY2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees			650,000				650,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$ 650,000	\$	\$	\$	\$ 650,000

### 1. Project Description and Justification

Replacement of a 1996 Seagrave Engine. This engine will be 22 years old in 2018. The estimated road miles will be about 86,000 and the engine hours will be about 7,200. The engine transmission and fire pump will be reaching a point where they may need to be overhauled. It is difficult and more expensive to find the parts and maintenance cost increases as the vehicle gets older. The 1996 Seagrave Engine will no longer be reliable and should be replaced.

### 2. Project Status/Completed Work/Support for Funding

Funding is projected to be sufficient in General Taxes/Fees in the Fire capital replacement fund when replacement is needed based on supplemental funding provided annually from the general fund.

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Replacement of Fire Department Staff Vehicle

**Department** Fire

**Team Leader**

Randy Diecke

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment				45,000			45,000
Other							
<b>Total Cost</b>	\$	\$	\$	\$ 45,000	\$	\$	\$ 45,000
Funding Source(s)	FY2017	FY2018	FY2019	FY2020	FY2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees				45,000			45,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$ 45,000	\$	\$	\$ 45,000

### 1. Project Description and Justification

This vehicle will be a front line Command Car for the department. The vehicle will replace a 2004 Ford Explorer. The Explorer being replaced will be 16 years old with over 92,000 miles. The Command Car has the various radios, command boards and computers to access preplans and emergency dispatch information on calls.

### 2. Project Status/Completed Work/Support for Funding

Funding is projected to be sufficient in General Taxes/Fees in the Fire capital replacement fund when replacement is needed

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Waubonsee Trail Overhead Electric Rebuild

**Department** Electric

**Team Leader** Mustafa Kahvedzic

**Mustafa Kahvedzic**

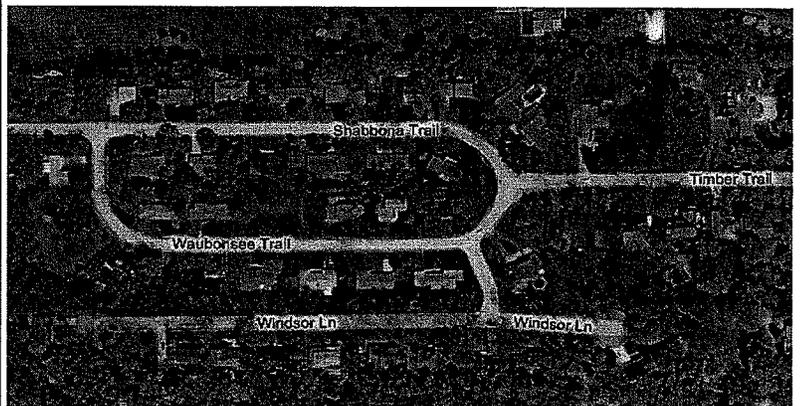
Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering				20,000			20,000
Construction Engineering							
Land/ROW Acquisition							
Infrastructure					100,000		100,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$	\$ 20,000	\$ 100,000	\$	\$ 120,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves				20,000	100,000		120,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$ 20,000	\$ 100,000	\$	\$ 120,000

### 1. Project Description and Justification

Obtaining necessary easements, and replacing all aging poles, wire and transformers. Most of the poles are 50 to 60 years old. Work to be completed by City crews.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



**2017 - 2021 Capital Project**

**Project Name** Water St. WM Replacement - South

**Department** Water

**Team Leader**

Jeremy Barkei

<b>Project Costs</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Future Yrs</b>	<b>Total</b>
Prior Years Costs							
Professional Services							
Design Engineering				20,000			20,000
Construction Engineering				25,000			25,000
Land/ROW Acquisition							
Infrastructure				350,000			350,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$	\$ 395,000	\$	\$	\$ 395,000
<b>Funding Source(s)</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Future Yrs</b>	<b>Total</b>
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves				395,000			395,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$ 395,000	\$	\$	\$ 395,000

**1. Project Description and Justification**

This project has been identified on the Water Division Water Main Replacement Program as a priority for replacement. The Water St. WM is is being replaced between Main St. and Union St. due to poor fire flows.

**2. Project Status/Completed Work/Support for Funding**

<b>Current Yr Budget Code</b>	<b>Amount</b>
<b>Total CY Budget</b>	\$0

## 2017 - 2021 Capital Project

**Project Name** Fabyan Parkway Relief Storm Sewer

**Department** Engineering

**Team Leader**

Andrea Podraza

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services					25,000		25,000
Design Engineering							
Construction Engineering						10,000	10,000
Land/ROW Acquisition							
Infrastructure						215,000	215,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$	\$	\$ 25,000	\$ 225,000	\$ 250,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees					25,000	225,000	250,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$	\$ 25,000	\$ 225,000	\$ 250,000

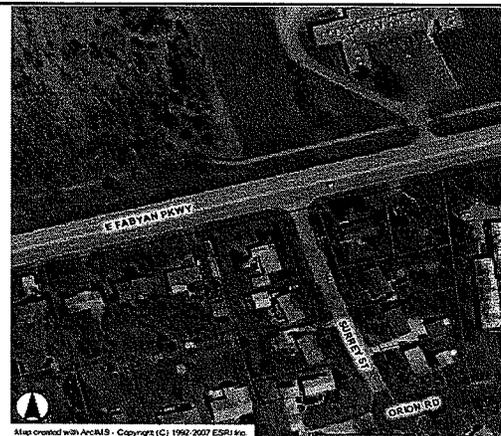
### 1. Project Description and Justification

This project consists of the engineering analysis, design, and construction of a new or additional storm sewer/culvert under Fabyan Parkway to improve conveyance of stormwater overflows that will reduce the potential for flooding in the Batavia Highlands subdivision. Prior to development, the project area was drained by a natural stream that flowed northwest across Fabyan Parkway and into the Fox River near the Fabyan Forest Preserve property. As part of the development of the Batavia Highlands subdivision, the portion of this stream south of Fabyan Parkway was replaced with a storm sewer. Later development south of the Highlands resulted in an increase in stormwater runoff draining to this storm sewer. Large rainfall events have the potential to exceed the storm sewer capacity and produce flooding in the Batavia Highlands.

### 2. Project Status/Completed Work/Support for Funding

This project will proceed based on funding availability.

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## 2017 - 2021 Capital Project

**Project Name** Pine Street Water Main Lining

**Department** Water

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering					25,000		25,000
Construction Engineering					20,000		20,000
Land/ROW Acquisition							
Infrastructure					550,000		550,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$	\$	\$ 595,000	\$	\$ 595,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves					595,000		595,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$	\$ 595,000	\$	\$ 595,000

**1. Project Description and Justification**

This project has been identified on the Water Division Water Main Replacement Program as a priority for replacement. The Pine St. WM is is being rehabilitated between Raddant Rd. and 1180 Pine St., due to poor soil conditions and pipe failures.

**2. Project Status/Completed Work/Support for Funding**

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>

## 2017 - 2021 Capital Project

**Project Name** Union Ave. WM Replacement

**Department** Water

**Team Leader**

Jeremy Barkei

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering					25,000		25,000
Construction Engineering					30,000		30,000
Land/ROW Acquisition							
Infrastructure					410,000		410,000
Building Improvements							
Equipment							
Other							
<b>Total Cost</b>	\$	\$	\$	\$	\$ 465,000	\$	\$ 465,000
Funding Source(s)	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees							
TIF/TIF Bonds							
Utility Rates/Reserves					465,000		465,000
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$	\$ 465,000	\$	\$ 465,000

### 1. Project Description and Justification

This project has been identified on the Water Division Water Main Replacement Program as a priority for replacement. The Union Ave. WM is is being replaced between Water St. and Jefferson St. due to poor fire flows.

### 2. Project Status/Completed Work/Support for Funding

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>

## 2017 - 2021 Capital Project

**Project Name** Replacement of SCBA Air Packs

**Department** Fire

**Team Leader** Randy Diecke

Randy Diecke

Project Costs	2017	2018	2019	2020	2021	Future Yrs	Total
Prior Years Costs							
Professional Services							
Design Engineering							
Construction Engineering							
Land/ROW Acquisition							
Infrastructure							
Building Improvements							
Equipment					250,000		250,000
Other							
<b>Total Cost</b>	\$	\$	\$	\$	\$ 250,000	\$	\$ 250,000
Funding Source(s)	FY2017	FY2018	FY2019	FY2020	FY2021	Future Yrs	Total
Prior Years Funding							
General Taxes/Fees					250,000		250,000
TIF/TIF Bonds							
Utility Rates/Reserves							
Grants/Other							
GO/ARS Bonds							
Revenue Bonds/IEPA							
MFT/Street Program							
<b>Total Funding</b>	\$	\$	\$	\$	\$ 250,000	\$	\$ 250,000

### 1. Project Description and Justification

The air packs will replace equipment purchased in 2007. The air packs are starting to wear out and becoming expensive to maintain. By this time, the equipment will no longer meet the current standard for new SCBA.

### 2. Project Status/Completed Work/Support for Funding

Funding is projected to be sufficient in General Taxes/Fees in the Fire capital replacement fund when replacement is needed

Current Yr Budget Code	Amount
<b>Total CY Budget</b>	<b>\$0</b>



## CITY OF BATAVIA FUND BALANCE/NET POSITION POLICY

### **Purpose**

A Fund Balance/Net Position Policy establishes reporting categories for fund balance/net position in the City of Batavia Comprehensive Annual Financial Report and establishes the formal process for use and commitment or assignment of fund balance. It also establishes a minimum level for the projected end-of-year fund balance/net position for the governmental and proprietary funds to meet during the budget process. This policy is to provide financial stability, cash flow for operations, and the assurance that the City of Batavia will be able to respond to emergencies with fiscal strength. More detailed fund balance financial reporting and the increased disclosures will aid the user of the financial statements in understanding the availability of resources.

It is the City of Batavia's philosophy to support long-term financial strategies, where fiscal sustainability is its first priority, while also building funds for future growth. It is essential to maintain adequate levels of funds balance/net position to mitigate current and future risks and to ensure appropriate tax and utility rates. Fund balance/net position levels are also a crucial consideration in long-term financial planning. Credit rating agencies carefully monitor levels of fund balance/net position and unrestricted and unassigned fund balance in the General Fund to evaluate the City of Batavia's continued creditworthiness.

### **Definitions**

#### ***Governmental Funds***

The fund balance will be composed of three primary categories:

- 1) **Nonspendable Fund Balance** – portion of a Governmental Fund's fund balance that are not available to be spent, either in the short-term or long-term, or through legal restrictions (e.g., inventories, prepaid items, land held for resale and endowments).
- 2) **Restricted Fund Balance** – portion of a Governmental Fund's fund balance that are subject to external enforceable legal restrictions (e.g., grantor, contributor and property tax levies).
- 3) **Unrestricted Fund Balance** – is made up of three components:
  - A) **Committed Fund Balance** – the portion of a Governmental Fund's fund balance with self-imposed constraints or limitations that have been placed at the highest level of decision making through formal City Council action. The same action is required to remove the commitment of fund balance.
  - B) **Assigned Fund Balance** – the portion of a Governmental Fund's fund balance to denote an intended use of resources but with no formal City Council action.
  - C) **Unassigned Fund Balance** – available expendable financial resources in a Governmental Fund that is not the object of tentative management plan.

Some funds are funded by a variety of resources, including both restricted and unrestricted (committed, assigned and unassigned). The City of Batavia assumes that the order of spending fund balance is as follows: restricted, committed, assigned, unassigned.

## **Definitions – Continued**

### ***Proprietary Funds***

Proprietary funds for the City of Batavia include enterprise funds. The net position will be composed of three primary categories:

- 1) Net Investment in Capital Assets – portion of a proprietary fund’s net assets that reflects the fund’s net investment in capital assets less any amount of outstanding debt related to the purchase/acquisition of said capital assets. Related debt, for this purpose, includes the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of said capital assets.
- 2) Restricted Net Position – portion of a proprietary fund’s net assets that are subject to external enforceable legal restrictions (e.g., grantor, contributor and bond covenants).
- 3) Unrestricted Net Position – portion of a proprietary fund’s net assets that is neither restricted nor invested in net capital assets.

### **Authority**

#### ***Governmental Funds***

Committed Fund Balance – A self-imposed constraint on spending the fund balance must be approved by ordinance or resolution of the City Council. Any modifications or removal of the self-imposed constraint must use the same action used to commit the fund balance. Formal action to commit fund balance must occur before the end of the fiscal year. The dollar amount of the commitment can be determined after year end.

Assigned Fund Balance – A self-imposed constraint on spending the fund balance based on the City of Batavia’s intent to use fund balance for a specific purpose. The authority to assign or remove a prior assignment of Fund Balance is delegated to the Finance Director through the direction and consent of the City Administrator as authorized by the passage of this policy by the City Council.

#### **Minimum Unrestricted Fund Balance Levels**

##### ***Governmental Funds***

###### **General Fund**

Purpose – Is a major fund and the general operating fund of the City of Batavia. It is used to account for all activities that are not accounted for in another fund.

Fund Balance – Unrestricted fund balance targets should represent no less than two months of operating expenditures and Unassigned fund balance no more than six months of operating expenditures. Operating expenditures include amounts reported under other financing uses that are transfers for recurrent capital funding and recurrent debt service transfers. Balances above the maximum may be transferred to other funds or to capital projects or committed at the City Council’s discretion or assigned as determined by the City Administrator or Finance Director under authority of the City Administrator.

## **Minimum Unrestricted Fund Balance Levels – Continued**

### **Special Revenue Fund**

Purpose - Used to account for and report the proceeds of specific revenue sources that are legally restricted or committed to expenditures for specified purposes other than debt service or capital projects.

Financing – Special revenue funds are provided by a specific annual property tax levy or other restricted and/or committed revenue source. Financing may also be received from other charges for services, etc.

Fund Balance – Derived from property taxes (or another restricted revenue source); therefore, legally restricted. The portion of fund balance derived from property taxes will be legally restricted. The remaining fund balance amount (restricted and/or committed) will be targeted at a minimum level of 25% of annual budgeted expenditures. This will be adjusted annually with the adoption of the annual budget and is calculated at a minimum of two months of expenditures not including capital, debt service and transfers.

### **Debt Service Fund**

Purpose – Established to account for financial resources that are restricted, committed, or assigned to expenditure for principal and interest.

Financing – The municipality levies an amount or transfers in an amount close to the principal and interest that is anticipated to be paid.

Fund Balance – Derived from property taxes; therefore, legally restricted. Any fund balance accumulation should be a maximum the amount of the next principal and interest payment due.

### **Capital Projects Fund**

Purpose - Established to account for and report financial resources that are restricted, committed, or assigned to expenditure for capital outlays including the acquisition or construction of capital facilities and other capital assets, excluding those types of capital related outflows financed by proprietary funds.

Financing – Debt financing, grants, or interfund transfers are used to finance projects.

Fund Balance – Considered segregated for maintenance, construction and/or development; therefore, considered committed, restricted, or assigned depending on the intended source/use of the funds.

## **Minimum Unrestricted Fund Balance Levels – Continued**

### ***Proprietary Funds***

#### **Enterprise Fund**

Purpose - Established to account for and report financial resources that are invested in capital assets, net of related debt, restricted, or unrestricted for future spending related to the fund. The focus of enterprise fund measurement is upon determination of operating income, changes in net assets, financial position, and cash flows. The generally accepted accounting principles applicable are those similar to businesses in the private sector. Enterprise Funds are required to account for operations for which a fee is charged to external users for goods or services and the activity (a) is financed with debt that is solely secured by a pledge of the net revenues, (b) has third party requirements that the cost of providing services, including capital costs, be recovered with fees and charges or (c) establishes fees and charges based on a pricing policy designed to recover similar costs.

Financing – User fees, debt financing, or grants are used to finance operations, capital outlay and improvements, and debt service retirements.

Net Position – Considered invested in capital assets net of related debt (for amounts capitalized as capital assets, less the outstanding debt related to the acquisition of said assets). Restricted net position relates to bond covenant reserves as outlined in the bond ordinance. Unrestricted net position targets should represent no less than three months of operating expenses (excludes debt service and capitalized asset expenses).

#### **Other Considerations**

In establishing the above policies for unrestricted or unassigned fund balance/net position levels, the City of Batavia considered the following factors:

- The predictability of the City of Batavia's revenues and the volatility of its expenditures (i.e., higher levels of unrestricted fund balance may be needed if significant revenue sources are subject to unpredictable fluctuations or if operating expenditures are highly volatile)
- The City of Batavia's perceived exposure to significant one-time outlays (e.g., disasters, immediate capital needs, state budget cuts)
- The potential drain upon General Fund resources from other funds as well as the availability of resources in other funds (i.e., deficits in other funds may require a higher level of unrestricted or unassigned fund balance be maintained in the General Fund)
- Liquidity (i.e., a disparity between when financial resources actually become available to make payments and the average maturity of related liabilities)

If any of the above factors change, the City of Batavia will readdress current unrestricted fund balance/net asset levels to ensure amounts are appropriate. Should the City of Batavia not meet a minimum fund balance level due to an unforeseen or uncontrollable occurrence, a written plan shall be made to return the fund(s) to the minimum level within a reasonable time frame without causing an undue burden on taxpayers or ratepayers.

## **City of Batavia Policy for Investment of Public Funds**

- A. **Statement of Investment Policy:** It is the policy of the City to invest public funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the entity and conforming to all state and local statutes governing the investment of public funds.
- B. **Scope:** This investment policy applies to all financial assets and investment activities of the city with the exception of the financial assets and investment activities of the police and fire pension funds which are governed by independent boards of trustees and the assets in the internal revenue code section 457 deferred compensation plan which, while titled to the city, are governed by individual employees. The financial assets of all funds, excepting police and fire pension funds and the deferred compensation agency fund, accounted for in the city's comprehensive annual financial report, including the general fund, special revenue funds, capital project funds, debt service funds, enterprise funds, and any other funds that may be created from time to time, shall be administered in accordance with the provisions of this section.
- C. **Objectives:** The primary objectives of investment activities shall be Safety, Liquidity and Total Return:
1. **Safety:** Safety of principal is the foremost objective of the investment program. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. The objective will be to mitigate credit risk and interest rate risk.
    - a. **Credit Risk:** The City will minimize credit risk, the risk of loss due to the failure of the security issuer or backer by:
      - Limiting investments to the safest types of securities
      - Pre-qualifying the financial institutions, brokers, intermediaries and advisers with which the City will do business,
      - Diversifying the investment portfolio so potential losses on individual securities will be minimized.
    - b. **Interest Rate Risk:** The City will minimize the risk that the market value of the securities in the portfolio will fall due to changes in general interest rates by:
      - Structuring the investment portfolio so that securities mature to meet cash requirements for ongoing operations, thereby avoiding the need to sell securities on the open market prior to maturity,

- Investing operating funds primarily in shorter-term securities or investment pools.
2. Liquidity: The investment portfolio shall remain sufficiently liquid to meet all operating requirements that may be reasonably anticipated. This is accomplished by structuring the portfolio so that securities mature concurrent with cash needs to meet anticipated demands. A portion of the portfolio also may be placed in local government investment pools which offer same-day liquidity for short-term funds.
  3. Total Return: The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and liquidity needs. The core of investments is limited to relatively low risk securities in anticipation of earning a fair return relative to the risk being assumed

D. Standards of Care:

1. Prudence: The standard of prudence to be used by investment officials shall be the "prudent person" standard and shall be applied in the context of managing an overall portfolio. Investment officers acting in accordance with written procedures and this investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and the liquidity and the sale of securities are carried out in accordance with the terms of this Section.

Investments shall be made with judgment and care under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their principal as well as the probable income to be derived.

2. Ethics and Conflicts Of Interest: In addition to the prohibitions contained in the Public Funds Investment Act, officers and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions. Employees and investment officials shall disclose to the City Council any material financial interests in financial institutions that conduct business with the City, and they shall further disclose any large personal financial or investment positions that could be related to the performance of the City's portfolio. To the extent possible, employees and officers shall refrain from undertaking personal investment transactions with the same individual with whom business is conducted on behalf of the City. The Mayor and/or City Council shall disclose any large personal or investment positions in institutions which the City Council and Mayor formally considers to furnish financial services to the City.

3. Delegation of Authority: The establishment of investment policies is the responsibility of the City Council. Management and administrative responsibility for the investment program of the City is hereby delegated to the Director of Finance, who, under the direction of the City Administrator, shall establish written procedures for the operation of the investment program, consistent with this investment policy. Such procedures shall include explicit delegation of authority to persons responsible for investment transactions. No person may engage in any investment transaction except as provided under the terms of this policy and the procedures established by the Director of Finance. The Director of Finance shall be responsible for all transactions undertaken and shall establish a system of internal controls to safeguard City assets. The Director of Finance may from time to time amend the written procedures in a manner not inconsistent with this Section or with State law. The responsibility for investment activities of the Police and Fire Pension Funds rests with the City Council for each of those funds.
4. Internal Controls: The Director of Finance shall establish and maintain an internal control structure designed to prevent losses of public funds arising from fraud, employee error, and misrepresentation by third parties, unanticipated changes in financial markets, or imprudent actions by employees and officers of the City. To assure compliance with such policies and procedures, the internal control structure shall be reviewed annually by an external auditor in conjunction with the annual examination of the financial statement of the City.
5. Maintaining the Public Trust: All participants in the investment process shall seek to act responsibly as custodians of the public trust and shall avoid any transactions that might impair public confidence in the City.

E. Safekeeping, Custody and Selection of Institutions:

1. A list of financial dealers and institutions authorized to provide investment services will be maintained. In addition, a list of approved security broker/dealers selected by creditworthiness will be maintained. All financial institutions and broker/dealers who desire to become qualified bidders for investment transactions must supply the following as appropriate:

All financial institutions and brokers/dealers who desire to become qualified bidders for investment transaction must supply the following as appropriate:

- a. Proof of membership in the Security Investor Protection Corporation (SIPC).
- b. Audited financial statements.
- c. Proof of National Association of Securities Dealers (NASD) certification.
- d. Certification of having read the City's investment policy.

An annual review of the financial condition and registration of qualified bidders will be conducted by the Director of Finance.

2. Delivery versus Payment: Except for commercial paper, all security transactions entered into by the City shall be conducted on a delivery-versus-payment (DVP) basis. Securities shall be held by a third party custodian designated by the Director of Finance and evidenced by safekeeping receipts.
3. Selection of Financial Institutions, financial advisors and money managers shall be made following the parameters of this policy, including the City of Batavia's primary objectives of safety, liquidity and total return.
4. Collateralization: It is the policy of the City to require that funds on deposits in excess of FDIC insurable limits be secured by some form of collateral. The City will accept any of the following assets as collateral:
  - a. U.S. Government securities.
  - b. Obligations of Federal agencies.
  - c. Obligations of Federal instrumentalities.
  - d. Obligations of the State of Illinois; General Obligation Municipal Bonds of the State of Illinois and its political subdivisions which have a bond rating of Upper Medium Grade or better.

(The City reserves the right to accept/reject any form of the above named securities).

The amount of collateral provided shall not be less than one hundred two percent (102%) of the fair-market value of the net amount of public funds secured. Pledged collateral will be held in safekeeping, by an independent third party depository designated by the City and evidenced by a safekeeping agreement. The City shall require monthly reports that include the market value of the securities pledged in the City's name.

Collateral agreements shall preclude the release of the pledged assets without an authorized signature from the City. Substitutions of collateral of the same or more value may be made at the discretion of the institution with prompt notice provided to the City of such substitution.

5. No financial institution shall receive funds unless it has complied with the requirements established pursuant to section 6 of the Public Funds Investment Act, 30 Illinois Compiled Statutes 235. In addition, the City will not maintain funds in any financial institution that is not a member of the FDIC system.

All depositories of the City of Batavia shall comply with the requirements of this policy, including collateralization of City funds invested at such depository and the

related safekeeping requirements of the pledged securities. From time to time, as determined by the City and pursuant to a Request for Proposals, the City shall enter into a separate contract with an "operating bank" for purposes of daily operations.

All depositories of the City of Batavia shall provide financial data to the Director of Finance to so as to provide the current financial condition of the institution. Such data shall include but not be limited to audited financial statements and FDIC regulatory reports, and shall be provided at least annually by the financial institutions to the Director of Finance. Any refusal to provide such information to the City may cause the termination of the deposit agreement with such institution.

F. Suitable And Authorized Investments:

1. Investment Instruments: The City may invest in any type of security authorized by section 2 of the Public Funds Investment Act 30 Illinois Compiled Statutes 235 and all revisions thereto, as may be made by the Illinois Legislature. Such investments include but are not limited to the following:

In bonds, notes, certificates of indebtedness, treasury bills or other securities now or hereafter issued, which are guaranteed by the full faith and credit of the United States of America as to principal and interest;

In bonds, notes, debentures, or other similar obligations of the United States of America, its agencies, and its instrumentalities;

In interest-bearing savings accounts, interest-bearing certificates of deposit or interest-bearing time deposits or any other investments constituting direct obligations of any bank as defined by the Illinois Banking Act;

In short term obligations of corporations organized in the United States with assets exceeding \$500,000,000 if (i) such obligations are rated at the time of purchase at one of the 3 highest classifications established by at least 2 standard rating services and which mature not later than 270 days from the date of purchase, (ii) such purchases do not exceed 10% of the corporation's outstanding obligations and (iii) no more than one-third of the public agency's funds may be invested in short term obligations of corporations; or

In money market mutual funds registered under the Investment Company Act of 1940, provided that the portfolio of any such money market mutual fund is limited to obligations of the United State of America or it agencies or instrumentalities;

In interest bearing bonds of any county, township, city, village, incorporated town, municipal corporation, or school district, of the State of Illinois, of any other state, or of any political subdivision or agency of the State of Illinois or of any other state, whether the interest earned thereon is taxable or tax-exempt under federal law. The bonds shall be registered in the name of the municipality or

county or held under a custodial agreement at a bank. The bonds shall be rated at the time of purchase within the 4 highest general classifications established by a rating service of nationally recognized expertise in rating bonds of states and their political subdivisions;

In a Public Treasurers' Investment Pool created under Section 17 of the State Treasurer Act;

In repurchase agreements of government securities having the meaning set out in the Government Securities Act of 1986, as now or hereafter amended or succeeded, subject to the provisions of said Act and the regulations issued there under. The government securities, unless registered or inscribed in the name of the public agency, shall be purchased through banks or trust companies authorized to do business in the State of Illinois.

G. Investment Parameters:

1. Diversification: It is the policy of the City to diversify its investment portfolio. Investments shall be diversified to eliminate the risk of loss resulting in over concentration in a specific maturity, issuer, or class of securities. Diversification strategies shall be determined and revised periodically by the Director of Finance or his/her designee with approval by the Director of Finance. In no case however shall the following diversification limits be exceeded unless specifically authorized by the City Council:
  - a. No financial institution shall hold more than forty percent (40%) of the City's investment portfolio, exclusive of U.S. Treasury securities in safekeeping.
  - b. Monies deposited at a financial institution shall not exceed sixty five percent (65%) of the capital stock and surplus of that institution.
  - c. Commercial paper shall not exceed thirty percent (30%) of the City's investment portfolio.
  - d. Deposits in the Illinois Public Treasurer's Investment Pool shall not exceed forty percent (40%) of the investment portfolio.
2. Maximum Maturities: To the extent possible, the City will attempt to match its investments with anticipated cash flow requirements. Unless matched to a specific cash flow requirement, or controlled by specific ordinance, the City will not directly invest in securities maturing more than five (5) years from the date of purchase.

Reserve funds may be invested in securities exceeding five (5) years if the maturities of such investments are made to coincide as nearly as practicable with the expected use of the funds.

#### H. Reporting Methods:

1. The Director of Finance shall submit to the City Council, at least quarterly, an investment report which shall describe the portfolio in terms of types, percentages, and amounts of investments by fund. The report shall include names of institutions and the percentage of total investment funds purchased through those institutions. A quarterly report shall be produced listing type, institution, fund, rate, market value, book value, purchase date, and maturity date.

#### I. Review of the Investment Portfolio

1. Performance Standards: The Finance Director shall review of the investment portfolio at least quarterly to assess its effectiveness in meeting the city's needs for safety, liquidity, rate of return, and diversification, and its general performance. The basis to be used by the City to determine whether market yields are being achieved shall be the six (6) month U.S. Treasury bill.

## City of Batavia Glossary

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**Abatement:** A partial or complete cancellation of a property tax levy imposed by the City.

**ACH (Automated Clearing House):** A system used for direct debit from a customer's checking account to pay for City water charges.

**Accrual Basis:** A basis of accounting utilized by proprietary fund types where revenues and additions are recorded when earned and expenses and deductions are recorded at the time liabilities are incurred.

**Annexation:** The incorporation of land into an existing City with a resulting change in the boundaries of that City.

**APWA (American Public Works Association):** An association representing Department Heads and other employees of Public Works, Water, Sewer and other utilities across the nation.

**Assessed Value:** A valuation set upon real estate or other property by the Township Property Appraiser as a basis for levying taxes.

**Audit:** A systematic collection of sufficient, competent evidential matter needed to attest to the fairness of the presentation of the City's financial statements. The audit tests the City's account system to determine whether the internal accounting controls are both available and being used.

**Balanced Budget:** A balanced budget is a budget in which revenues and reserves meet or exceed expenditures. The City will sometimes use cash reserves or fund balance

to finance a significant capital improvement or capital project. This use of reserve to finance a capital project will convey the impression that the budget is not balanced when in fact the financing of a capital project with cash reserves was the result of good financial planning.

**Bond:** A written promise to pay a specified sum of money, called face value or principal, at a specified date in the future, called maturity date, together with periodic interest at a specified rate.

**Bonding:** The act of borrowing money to be repaid, including interest, at specified dates.

**Bond Refinancing:** The payoff and re-issuance of bonds, to obtain better interest rates and or bond conditions.

**Budget:** A comprehensive financial plan of operations for a given time period.

**Capital Improvements:** Major projects that typically involve the construction of or improvement/repair to buildings, roads, electric, water, sewer, sanitary sewer, and other related infrastructure.

**Capital Project Fund:** A fund established in order to account for the financial resources and costs associated with the construction of major capital facilities or other major capital improvements.

**Cash Management:** The management of cash necessary to pay for government services while investing temporary cash excesses in order to earn interest revenue. Cash Management refers to the activities of forecasting the inflows and outflows of cash,

mobilizing cash to improve its availability for investment, establishing and maintaining banking relationships, and investing funds in order to achieve the balance of the highest interest and return, liquidity and minimal risk with these temporary cash balances.

**Census:** An official population count of all or part of a municipality by the federal government. An official census count determines the amount of revenues that the City receives from the State for certain major revenue sources.

**Charges for Service:** User charges for services provided by the City to those specifically benefiting from those services.

**Collector Street:** A term used to define a roadway that provides for traffic movements between local and major streets in a transportation network.

**Commodities:** Items that, after use, are consumed or show material change in, or an appreciable impairment, of their physical condition, and which are generally of limited value and characterized by rapid depreciation.

**Comprehensive Plan:** An official public document adopted by the local government as a policy guide to decisions about the physical development of the community. It is a general long-range physical plan.

**Debt:** A financial obligation from the borrowing of money.

**Debt Service:** The payment of principal and interest on borrowed funds.

**Decouple:** A term used to describe a situation where, for example, the State of Illinois may decide to disconnect its income

tax rules and exemptions from the federal income tax rules and exemptions.

**Deficit:** Most commonly used to describe an excess of expenditures over revenues for a fiscal year. However, deficits are often planned for due to the use of accumulated monies for capital or other projects. In addition, municipalities often have accumulated cash balances that they intend to use to fund expenditures for a given fiscal year.

**Department:** An organizational unit responsible for carrying out a major governmental function, such as Police or Public Works.

**Depreciation:** The decrease in value of physical assets due to use and passage of time.

**Draft Budget:** The preliminary budget document distributed to the City Council and available for inspection by the public.

**Enterprise Fund:** Used to account for operations that are financed and operated in a manner similar to private business enterprises - where the costs of providing goods or services are financed or recovered primarily through user charges or rates.

**EPAY:** An acronym used to describe the State of Illinois credit card payment system offered to residents of the City to pay for ordinance violations and water bills.

**(EAV) Equalized Assessed Value:** The value of property resulting from the multiplication of the assessed value by an equalization factor to make all property in Illinois equal to one-third of its market value. The EAV of property is one-third of the market value.

**Expenditures:** Payment by the City for goods or services that the City has received or will receive in the future.

**FICA (Federal Insurance Contributions Act):** Monies paid to the federal government to fund for future social security benefits as may be defined by the government in future years.

**Fiduciary Funds:** Funds that are used when a government holds or manages financial resources in an agent or fiduciary capacity.

**Fiscal Year (FY):** Any consecutive twelve-month period designated as the budget year. The City's budget year follows the calendar year and begins on January 1.

**Fixed Assets:** Assets of a long-term character that are intended to continue to be held or used. Examples of fixed assets include items such as land, buildings, machinery, furniture and other equipment.

**Forecast:** The projection of revenues and expenditures usually for a time period that is greater than one year based on clearly defined assumptions and predictions related to future events and activities.

**Franchise Agreement:** An agreement between the City and a utility setting forth the terms and conditions under which a utility, such as a cable company, may provide a service to residents. A franchise agreement often provides compensation to the City for the use of the public right-of-way by the utility company.

**Full-Time Equivalent (FTE):** A method of determining the total number of employees in terms of each position's number of hours when compared to a full-time employee. Full-time positions have a FTE of 1.00. A part-time position that works 60% of the

hours that a full-time position would work would have a full-time equivalency of 0.60.

**Fund:** A set of accounts to record revenues and expenditures associated with a specific purpose.

**Fund Balance:** The difference between assets and liabilities reported in a governmental fund. Changes in fund balances are the result of the difference of revenues to expenditures. Fund balances increase when revenues exceed expenditures and decrease when expenditures exceed revenues. Fund balance is often used to describe the total available financial resources in a governmental fund. For Proprietary Fund-types, fund balance is typically defined as the difference between current assets and current liabilities. This equivalent is also known as Unrestricted Net Assets (see term for details).

**GASB (Governmental Accounting Standards Board):** An independent organization that has ultimate authority over the establishment of Generally Accepted Accounting Principles (GAAP) for state and local government. GASB members are appointed by the Financial Accounting Foundation (FAF), however the GASB enjoys complete autonomy from the FAF in all technical and standard-setting activities.

**GAAP (Generally Accepted Accounting Principles):** Uniform minimum standards and guidelines for financial accounting and reporting. They govern the form and content of the financial statements of an entity. GAAP encompass the conventions, rules and procedures necessary to define accepted accounting practice at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. GAAP provide a standard by which to measure

financial presentations. The primary authoritative body on the application of GAAP to state and local governments is the Governmental Accounting Standards Board (GASB).

**General Fund:** The general operating fund of the City. It is used to account for all financial resources except those required to be accounted for in another fund. Most services provided by the City including police protection, street maintenance and snow plowing, engineering, administration, and building and zoning are accounted for in this fund.

**GFOA (Government Finance Officer's Association):** An organization representing municipal finance officers and other individuals and organizations associated with public finance.

**GIS (Geographic Information System):** A collection of information regarding parcels of land typically organized by property lines.

**G.O. Bonds (General Obligation Bonds):** Bonds that are backed by the "full faith and credit" of a municipality. The taxing power of the City is pledged in the covenant of one of these bond issues. An Alternate Source Revenue General Obligation first pledges a revenue source other than property taxes before the imposition of property taxes.

**Goal:** A long-term or short-term desirable development.

**Government Fund Types:** Funds that account for a government's "governmental-type" activities. These funds are the general fund, special revenue funds, debt service funds and capital projects funds.

**Grant:** Funds received by the City that are designated for specific projects. Many grants come from the State of Illinois as reimbursements for engineering and construction costs associated with specific projects.

**Home Rule Municipality:** A home rule municipality may exercise any power and perform any function pertaining to its government and affairs including, but not limited to, the power to regulate for the protection of public health, safety, morals and welfare; to license; to tax; and to incur debt, unless preempted by the State of Illinois. A municipality is designated as a home rule municipality if its population reaches 25,000 or if the designation of home rule is approved by voters via a referendum.

**ICMA (International City/County Management Association) and ILCMA (Illinois City/County Management Association):** The professional and educational organization for chief appointed managers, administrators, and assistants in cities, towns, counties, and regional entities throughout the world. Since 1914, ICMA has provided technical and management assistance, training, and information resources to its members and the local government community. The management decisions made by ICMA's nearly 8,000 members affect more than 100 million individuals in thousands of communities; from small towns with populations of a few hundred to metropolitan areas serving several millions.

**IMRF (Illinois Municipal Retirement Fund):** State retirement system established for municipal employees other than sworn fire or sworn police personnel.

**Interfund Transfer:** A transfer of funds or assets from one fund to another.

**Kilowatt-Hour:** A kilowatt-hour is a unit of measure used to describe the amount of electricity used by a homeowner, business, or other entity for a defined period of time.

**L.E.A.D.S. (Law Enforcement Agencies Data System):** Statewide, computerized, telecommunications system, maintained by the Illinois State Police, designed to provide the Illinois criminal justice community with access to computerized justice related information at both the state and national level.

**Levy:** To impose taxes, special assessments or service charges for the support of governmental activities, usually based on the assessed value of property.

**Liability:** Debt or other legal obligations arising out of transactions in the past that must be liquidated renewed or refunded at some future date.

**Major Fund:** A classification given to a fund when the fund's total assets, liabilities, revenues or expenditures/expenses is equal to or greater than 10% of the total Governmental Fund or Enterprise Fund total of that category (whichever category the fund belongs to) *and* 5% of the total Governmental and Enterprise total combined for that category. The General Fund is always classified as a Major Fund.

**Modified Accrual Accounting:** A basis of accounting used by Governmental Fund types in which revenues are recorded when collectable within the current period or soon enough thereafter to be used to pay liabilities of the current period, and, expenditures are recognized when the related liability is incurred.

**MFT (Motor Fuel Tax):** The Motor Fuel Tax is a tax on fuel consumption imposed and collected by the State. Distribution of the tax to municipalities is based on the municipality's certified population. Batavia's MFT revenue is recorded in a separate fund due to the restrictions on the type of expenditures that Batavia may fund with MFT revenues.

**Municipality:** A term used to describe a unit of government in Illinois such as a city, village or town.

**NIMPA (Northern Illinois Municipal Power Agency)** NIMPA was officially certified by the Illinois Secretary of State designating it as an Illinois joint action agency on July 28, 2004. This agency consists of a combination of Illinois municipalities that own or operate an electric utility that furnish retail electric service to the public. Batavia is a member of NIMPA.

**NPDES (National Pollution Discharge Elimination System):** The NPDES is the U.S. Environmental Protection Agency's permit programs controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

**Pension:** Future payments made to an eligible employee after that employee has left employment or retired. The City of Batavia has three pension funds: Police, Fire and Illinois Municipal Retirement Fund. Each plan has two tiers depending on the date of hire.

**Per Capita:** Per capita is a term used to describe the amount of something for every resident living within the City. For example, the City receives a percentage of the State income tax revenue on a per capita basis.

**Performance Indicators:** Specific quantitative (can be defined in numerical terms) and qualitative (cannot be counted, use of measures that require descriptive answers) measures of work performed as an objective of the department.

**Personal Services:** The cost of all wages and fringe benefits associated with that cost.

**Portfolio:** A list of investments for a specific fund or group of funds.

**Private Sector:** Businesses owned and operated by private individuals, as opposed to government-owned operations.

**PTELL:** An acronym which stands for Property Tax Extension Limitation Law that are a set of laws that restrict the amount a non home rule municipality can increase property taxes by inflation, plus an allowance to extend the rate on new construction.

**Public Hearing:** An official forum called for the purpose of soliciting input from residents, businesses, and other stakeholders regarding a topic, plan or document. Illinois State law requires municipalities to hold a public hearing on the budget before the budget is approved by the City Council.

**Public Sector:** The policies and procedures as conducted by local governments, states and the federal government.

**Property Tax:** A tax based on the assessed value of real property.

**Proprietary Fund Types:** The classification used to account for a City's ongoing organizations and activities that are similar to those often found in the private sector (i.e., enterprise funds). All assets, liabilities, equities, revenues, expenses and

transfers relating to the government's business and quasi-business activities are accounted for through proprietary funds.

**Referendum:** The submission of a proposed public measure, law or question, which has been submitted by legislature, convention or council, to a vote of the people for ratification or rejection.

**RFP (Request for Proposal):** A document used to request specific information from vendors regarding the scope of goods or services they can provide to meet a specific need of the City as well as their proposed cost of providing those goods or services.

**Restricted Net Assets:** The portion of net assets that is held for a specific purpose. The City would typically restrict assets for debt service.

**Revenues:** Funds or monies that the government receives. It includes such items as tax receipts, fees from specific services, receipts from other governments, fines, forfeitures, grants, shared revenues, interest income and other financing sources.

**(SSA) Special Service Area:** An area of property legally designated by the City which provides a means for the City to levy and raise property taxes only from those properties within the area for services that specifically benefit the area subject to taxation.

**Surplus and Reserves:** A term used to describe the excess or deficit of revenues over expenditures (Surplus/Deficit). Reserves in this budget refers to the cash that is available to meet future obligations and has not been reserved for any future obligation.

**Sworn:** A term used to describe police or fire personnel who are sworn in by the Mayor.

**Tax Levy:** The total amount of money to be requested by the City before the calculation of the total permissible extension by the County.

**Tax Rate:** The amount of property tax levied for each \$100 of assessed valuation.

**TIF (Tax-Increment Financing):** A redevelopment tool available for use by municipalities where the City's cost of providing assistance with capital improvements and development or redevelopment of properties within the legally designated area are funded by the future property tax, sales tax, or other types of revenue that was generated with those capital or development/redevelopment improvements.

**TIF District:** An area of property legally defined by a municipality that meets a set of requirements that allow for formation of a district that separates the incremental increase in property taxes for a period of 23 years. TIF Districts are used for redevelopment.

**User Fees:** The payment of a fee for the direct receipt of a public service by the party who benefits from the service.

**WTP:** Water Treatment Plant

**WWTP:** Wastewater Treatment Plant

**Web Site:** An Internet site that provides information and services and a means of communicating. The City's web site provides a significant amount of information and services that residents can access 24 hours a day and seven days a week.