



City of Effingham
FY17 – FY21

Capital Improvements Plan

Discussed 04/05/2016

Adopted 04/19/2016

Effingham Capital Improvements Plan

Project Description	Fund/Division	General Ledger	FY17	FY18	FY19	FY20	FY21	5-Year Cost
Capital Outlay - Vehicles								
Administration	General		\$0	\$0	\$0	\$0	\$20,000	\$20,000
Passenger Car	General							
Economic Development								
SUV	General/TIF		\$0	\$0	\$0	\$30,000	\$0	\$30,000
Fire								
EMA Truck 93	General		\$0	\$28,000	\$0	\$0	\$0	\$28,000
Fire Engine 576 (2001)	General	01.17.5151 (3350.000)	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Fire Car 500 (Chief) (2011)	General		\$0	\$30,000	\$0	\$0	\$0	\$30,000
Fire Car 501 (Ast. Chief)	General	01.17.5150	\$28,000	\$0	\$0	\$0	\$0	\$28,000
Fire Car 593 (2003)	General		\$0	\$20,000	\$0	\$0	\$0	\$20,000
Fire Car 595 (2006)	General		\$0	\$0	\$20,000	\$0	\$0	\$20,000
Police								
Squads (6 patrol)	General	01.14.5150/01.14.5151	\$159,000	\$79,500	\$79,500	\$79,500	\$79,500	\$477,000
Public Works								
Public Works Dump Truck	Sewer/Street (50/50)		\$0	\$125,000	\$0	\$125,000	\$0	\$250,000
PW Dump Truck w/plow&spreader	General/UT/Capt Proj (66/33)		\$0	\$0	\$125,000	\$0	\$0	\$125,000
Public Works Dump Truck	2/3 Water and 1/3 Cap Proj	50.51.5250/80.73.5150	\$160,000	\$0	\$0	\$0	\$125,000	\$285,000
Public Works Truck - Pickup	Water		\$0	\$0	\$30,000	\$0	\$0	\$30,000
PW Service Truck	Water		\$0	\$0	\$0	\$125,000	\$0	\$125,000
PW Service Truck	Street/Sewer		\$0	\$0	\$0	\$0	\$125,000	\$125,000
Small Dump Truck	Street/Sewer	60.61.5150/01.13.5150	\$50,000	\$0	\$0	\$0	\$0	\$50,000
PW 2-Ton Lift Station Truck	Street/Sewer		\$0	\$0	\$0	\$0	\$60,000	\$60,000
PW Pickup Truck	General-Street/Sewer	60.61.5150/01.13.5150	\$22,000	\$0	\$0	\$0	\$0	\$22,000
PW Pickup Truck	General - Public Properties		\$0	\$0	\$30,000	\$0	\$30,000	\$60,000
PW Small Dump Truck	General - Public Properties		\$0	\$60,000	\$0	\$0	\$0	\$60,000
PW Bucket Truck Rebuild	General - Public Properties		\$0	\$0	\$0	\$10,000	\$0	\$10,000
PW Large Bucket Truck	General - Public Properties		\$0	\$0	\$0	\$0	\$125,000	\$125,000
PW Truck (Civil Tech.)	General-Engineering	01.23.5150	\$25,000	\$0	\$0	\$0	\$0	\$25,000
PW Pickup - Building Official	General-Engineering		\$0	\$0	\$22,000	\$0	\$0	\$22,000
Tourism								
Van	Tourism	20.20.5150	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Vehicle Total			\$474,000	\$742,500	\$336,500	\$369,500	\$564,500	\$2,487,000

Capital Outlay - Equipment	Fund-Division	General Ledger	FY17	FY18	FY19	FY20	FY21	5-Year Cost
Administration								
Server Replacement	General/Water/Sewer	01.15.5146/50.86.5146/60.86.5146	\$10,000	\$0	\$12,000	\$0	\$12,000	\$34,000
Website Upgrade	General/Water/Sewer	01.15.5145/50.86.5145/60.86.5145	\$30,000	\$0	\$0	\$0	\$35,000	\$65,000
Economic Development								
Fire								
5 Inch Hose Supply	General-Fire	01.17.5160	\$7,000	\$7,000	\$7,000	\$0	\$0	\$21,000
Helmet Replacement	General-Fire	01.17.5160	\$11,100	\$0	\$0	\$0	\$0	\$11,100
Airbag Lift Kit 561	General-Fire	01.17.3993	\$6,500	\$0	\$0	\$0	\$0	\$6,500
High Pressure Extrication Tool 576	General-Fire	01.17.3993	\$13,000	\$0	\$0	\$0	\$0	\$13,000
High Pressure Extrication Tool 575	General-Fire		\$0	\$15,000	\$0	\$0	\$0	\$15,000
Tornado Siren Replacement	General EM/ATF	57.59.5130	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$120,000
Side By Side	General-Fire		\$0	\$0	\$15,000	\$0	\$0	\$15,000
Police								
MDC (6)	General-Police	01.14.5146	\$36,000	\$18,000	\$18,000	\$18,000	\$18,000	\$108,000
Vehicle Cameras (3)	General-Police (DU)	01.14.2191	\$15,000	\$15,000	\$10,000	\$5,000	\$5,000	\$50,000
Breathalyzer	General-Police (DU)	01.14.2191	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Police Vests	General-Police	01.14.3160	\$12,000	\$5,000	\$5,000	\$10,000	\$9,000	\$41,000
APX 7000 Portable Radios (4)	General-Police	01.14.5160	\$64,000	\$33,000	\$0	\$0	\$0	\$97,000
Public Works								
Sequal Server Replacement	Water/Sewer	50.86.5146/60.86.5146	\$7,000	\$0	\$0	\$0	\$8,000	\$15,000
Mosquito Sprayer	Gen - Health & Safety	01.24.5160	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Jump Jack	Gen-Street/Wtr/Swr		\$0	\$4,200	\$0	\$0	\$0	\$4,200
Tractor 150 HP (Street/Sewer/Wtr)	Street, Sewer, and Water		\$0	\$0	\$85,000	\$0	\$0	\$85,000
Locator	Street, Sewer, Water, PP		\$0	\$0	\$3,000	\$3,000	\$3,000	\$9,000
Trackhoe	(1/3 - Wtr/Swr/Street)		\$0	\$175,000	\$0	\$25,000	\$0	\$200,000
Bat Wing Mower	General-Street/Sewer	60.89.3160/01.13.5160	\$26,000	\$0	\$0	\$0	\$0	\$26,000
Patch and Packer	General-Street/Sewer		\$0	\$0	\$10,000	\$0	\$0	\$10,000
Back Hoe	Water /T/F (66/33)		\$0	\$0	\$0	\$125,000	\$0	\$125,000
Back Hoe	General-Street/Sewer	60.89.3160/01.13.5160	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Pay Loader	General-Street/Sewer		\$0	\$0	\$175,000	\$0	\$0	\$175,000
Salt Spreaders	General-Street		\$0	\$0	\$0	\$7,500	\$7,500	\$15,000
Rock/Chips Spreader	General-Street	01.13.5160	\$22,000	\$0	\$0	\$0	\$0	\$22,000
Pay Loader	General-Street		\$0	\$125,000	\$0	\$0	\$0	\$125,000
Portable Pumps/Generators	Sewer-Maintenance		\$0	\$40,000	\$0	\$40,000	\$0	\$80,000
Concrete Saw	Sewer-Maintenance	60.26.3170	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Sampler	Sewer-Treatment Plant	60.50.5140	\$8,000	\$6,000	\$7,500	\$0	\$0	\$23,500
Lawn Mower	Sewer-Treatment Plant		\$0	\$0	\$25,000	\$0	\$0	\$25,000
Vehicle Lift Back Bay	Maintenance-Garage	90.90.3170	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Mini-Excavator	PP/Water/Sewr	01.16.5160/60.89.3150/50.73.5211	\$50,000	\$0	\$0	\$50,000	\$0	\$100,000
Mini-Excavator Trailer	PP/Water/Sewr	01.16.5160/60.89.3150/50.73.5211	\$10,000	\$0	\$0	\$10,000	\$0	\$20,000

Snow Plow	General-PP	01.16.5160	\$0	\$0	\$0	\$0	\$5,000	\$0	\$5,000
Silt Seeder	General-Public Properties		\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Mower	General-Public Properties	01.16.5160	\$12,000	\$0	\$12,000	\$0	\$0	\$0	\$24,000
Salt Spreader - Small Dump Truck	General - Public Properties		\$0	\$6,000	\$0	\$0	\$0	\$0	\$6,000
Cab for Tractor	General-Public Properties		\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Boring Machine Rods	Water	50.73.5211	\$6,000	\$0	\$0	\$0	\$0	\$6,000	\$12,000
Walk Behind Saw	Water		\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Rebuild Backhoe -pins/bushings	Water		\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Boring Machine	Water		\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Skid Steer - Tracks	Water		\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Sludge Spreader	Water/Sewer		\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000
WTP Lawn Mower	TIF		\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000
GIS Backup - Server	Engineering		\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Side By Side	General - Public Properties		\$0	\$0	\$0	\$13,000	\$0	\$0	\$13,000
PW Tractor Small	General - Public Properties		\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Tourism									
Website Upgrade	Tourism	20.20.2240	\$30,000	\$0	\$0	\$0	\$0	\$35,000	\$65,000
Welcome Signs (2)	Tourism	20.20.5120	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$150,000
Christmas Lights Display	Tourism	20.20.5165	\$78,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$278,000
Sculpture	Tourism	20.20.3425	\$12,500	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$72,500
Equipment Total			\$675,100	\$640,200	\$598,500	\$400,500	\$367,500	\$2,681,800	
<i>* Denotes projects in progress</i>									
Capital Outlay - Projects	Fund-Division	General Ledger	FY17	FY18	FY19	FY20	FY21	5-Year Cost	
Administration	General-Admin	01.15.2215	\$45,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$105,000
Economic Development									
Triangle Business District	General-ED	01.22.4190	\$47,500	\$0	\$0	\$0	\$0	\$0	\$47,500
Ford Ave Bus Dist Amend*	General-ED	01.22.4190	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
Expand TIF District	TIF		\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Business District Creation	Gen - ED		\$0	\$0	\$50,000	\$0	\$50,000	\$100,000	
Fire									
Central Fire Roof Replacement	TIF	57.59.5130	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Central Fire Lighting Project	TIF	57.59.5130	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
South Station Design	TIF/Gen-Fire		\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
Premption Battery BU Jaycee/Banker	MFT	42.42.5130	\$22,000	\$0	\$0	\$0	\$0	\$0	\$22,000
Premption 45 at 57*	MFT	42.42.5130	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
Carpet (Central Fire Station)	TIF		\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Police									
Needs Assessment	Gen-Police	01.14.2990	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

b. Carbon Feed System		80.73.5205/5130	\$927,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$927,000
e. CO2 Storage Tank Replacement		80.73.5205/5130	\$206,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$206,000
f. Chemical Feed System		80.73.5205/5130	\$7,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500
g. Rebuild/Install HS Pumps		80.73.5130	\$42,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$77,000
h. Little Wabash River Sand Bar Barrier			\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000
i. Clarcone Retrofit/Paint			\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
j. Building Repairs			\$0	\$32,000	\$0	\$0	\$0	\$0	\$0	\$0	\$32,000
k. Heater - Bay Area			\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
l. Bldg (windows/fan replacement)			\$0	\$0	\$0	\$0	\$15,500	\$0	\$0	\$0	\$15,500
m. Paint Exterior Filters			\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000
n. Replace Generator/Remove Old Generator			\$0	\$80,000	\$0	\$40,000	\$0	\$0	\$0	\$0	\$120,000
Paint South Tower. (Design & Const.)		50.51.5205/50.51.5130	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,000
Jefferson Water Main			\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Rickelman Draft Accuator/Radio		Water	\$0	\$20,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$120,000
Hennetta Water Main Replacement**		Water	\$95,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,000
Lakewood Dr Water Phase 2		Water	\$50,51.5130	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
East Route 40 Water Main Replacement		Water	\$50.51.5205	\$25,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$225,000
Eversman Drive Water Main (Design)		Water	\$15,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000
Evergreen Tank Maintenance		Water	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Gantry Crane			\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Grit #1 Chamber		Sewer-Treatment Plant	\$0	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000
Dog Pound Imp. (roof 17/fence18)		General-Public Properties	\$15,000	\$15,000	\$0	\$10,000	\$0	\$10,000	\$0	\$0	\$60,000
Rickelman Standpipe - Wash		Water	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Channel Dam Stems/Cages		Water	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Canopy for Fuel Pumps		Maintenance-Garage	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
HVAC		Maintenance-Garage	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Garage Door		Maintenance-Garage	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$5,000
Comprehensive Plan		GenFund-Bldg/TF	\$20,000	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$140,000
Neptune Customer Portal		Water/Sewer	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Four Season - Storm Detention		Utility Tax	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Haney Street Oakridge (CSX RR)		Cap Projects	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
Tourism											
Project Total			\$16,621,185	\$9,067,500	\$7,490,000	\$8,257,500	\$4,945,000	\$46,381,185			
Capital-Outlay Property Administration	Fund-Division	General Ledger	FY17	FY18	FY19	FY20	FY21	5-Year Cost			
Economic Development	General	01.10.0003	\$367,900	\$0	\$0	\$0	\$0	\$0	\$367,900		
Fire	TF - Ind.		\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000		

Effingham Debt Schedule

FY17								
Debt Description	Fund	FY17 Principal	FY17 Interest	FY 17 Payment	Remaining Debt After Payment	FY17 Compliance*	Debt Termination	
2015 ERI REFY	Sewer	\$72,813	\$4,959	\$77,772	\$145,627	N/A	2019	
2010A Bond	TIF	\$385,000	\$71,070	\$456,070	\$2,080,000	\$462,800	2021	
2012B Bond	Sewer	\$405,000	\$77,725	\$482,725	\$1,750,000	\$473,000	2021	
2012A Bond	Water	\$135,000	\$31,875	\$166,875	\$750,000	\$167,100	2022	
2012C Bond	Water	\$355,000	\$81,045	\$436,045	\$3,570,000	\$438,800	2025	
2012 EPC	Tourism	\$186,720	\$73,159	\$259,879	\$2,211,949	N/A	2027	
Totals		\$1,539,533.00	\$339,833.00	\$1,879,366.00	\$10,507,576.00	\$1,541,700		
2010A Bond	\$3 million Recovery Zone Bond Issue for Arch Sewer Rehab and Clear Well Project P begins in FY2012							
2012B Bond	Refinances the IEPA Note at 2.17% Interest while maintaining the same remaining term.							
2012A Bond	Waterworks Bond for the Channel Dam and the extension of the Ft. 40 water line at 2.347% Interest							
2012 EPC Note	\$3.09 million (original 3.3 mm) installment contract refinanced in 2012 to 3% int with 18K annual Agracel interest subsidy at Midland States - matures 3/2027							
2012C Bond	\$4,380,000 Alternate Revenue Source Bond for partial refunding of 2006 Debt Certificates issued in 2012 at 2.02%							
2015 ERI	Per Ordinance 30-2015 the Sewer Fund is required to reimburse the General Fund for 3 years at 2.27% INT per year.							
Fund Breakdown		FY17 Budgetary Impact						
TIF		\$462,800						
Water		\$605,900						
Sewer		\$550,772						
Tourism		\$259,879						
Total		\$1,879,351						
<p>* Bond Compliance is calculated by subtracting the balance remaining in the Debt Service Account after the required payments are completed in the previous Fiscal Year (FY16) from the total payment scheduled in the current Fiscal Year (FY 17). The remaining balance is then subtracted from the total payment required multiplied by 125% in the next Fiscal Year (FY18).</p>								