

DRAFT -- City of Hartford Capital Improvement Program 2017-2021

2017 Summary of Costs ~ Governmental Funds

	Project Number	Priority	Project Purpose	2017 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/Retained Earnings	Property Tax Levy
Law Enforcement											
Police Patrol Vehicle Squad 3	201-95-001	2	Replacement	\$35,000							\$35,000
Police Patrol Vehicle Squad 5	201-95-002	2	Replacement	\$28,000							\$28,000
Utility Vehicle, Full Size, Four Wheel Drive K9 Squad 9	201-12-024	2	Replacement	\$44,750				\$44,750			
CAD Server Replacement	201-14-028	2	Replacement	\$11,388	11,388						
TOTAL				\$119,138							
Emergency Government											
Dual Band Portable Radio Project	225-17-005	2	Replacement	\$227,497							\$227,497
Warning Siren Oriole Ponds	225-17-006	2	New	\$17,000							\$17,000
TOTAL				\$244,497							
Fire & Rescue											
Grass Rig 1681 Replacement	250-14-049	2	Replacement	\$65,000							\$65,000
TOTAL				\$65,000							
Streets Department											
Sealcoating & Asphalt Patching	301-96-074	2	Replacement	\$100,000	\$100,000						
High St Reconstruction/Center St Patching	301-00-300	3	Replacement	\$430,500	\$430,500						
East Sumner Street Resurfacing	301-08-379	2	Replacement	\$5,000	\$5,000						
Branch St/Grand Ave Resurfacing	301-09-384	2	Replacement	\$10,000	\$10,000						
Storm Water Pond Dredging/Maintenance	301-09-387	2	Replacement	\$30,000	\$30,000						
E Lincoln Ave Reconstruction	301-10-396	3	Replacement	\$570,000	\$570,000						
Sidewalk Repair/Replacement	301-14-411	3	Replacement	\$129,000	\$29,000			\$100,000			
Emerald Ash Borer Tree Replacement	301-15-415	2	Replacement	\$25,000							\$25,000
North Wacker Drive Bridge Replacement	301-16-424	2	Replacement	\$39,000	\$39,000						
Roof Repair	301-16-426	3	Replacement	\$20,000	\$20,000						
East Monroe Avenue Reconstruction	301-17-429	3	Replacement	\$407,400	\$407,400						
Stop & Go Light Updates	301-17-433	2	Replacement	\$25,000	\$25,000						
TOTAL				\$1,790,900							
Transportation Division											
Taxi Minivan	310-09-007	2	Replacement	\$39,000	\$7,800		\$31,200				
TOTAL				\$39,000							
Building Maintenance											
Administration Vehicle Replacement	330-15-034	3	Replacement	\$21,600	\$21,600						
TOTAL				\$21,600							
Parks											
Independence Park Landfill	501-95-012	1	Replacement	\$40,000						\$40,000	
Emerald Ash Borer Tree Removal & Plantings	501-11-078	3	New	\$15,000						\$15,000	
Rubicon River Trail Riverbend	501-13-086	4	New	\$79,450	\$42,225		\$37,225				
Centennial Park Restroom Building	501-13-087	3	New	\$78,125	\$78,125						
Tennis & Basketball Court Resurfacing	501-15-092	2	Replacement	\$26,000						\$26,000	
Independence Park Backstops	501-15-096	3	Replacement	\$17,000	\$17,000						
TOTAL				\$255,575							
Recreation											
Centers Parking Lot Repairs	550-15-039	3	Replacement	\$42,500	\$42,500						
TOTAL				\$42,500							
Planning & Zoning											
Geographic Information System (GIS)	604-10-003	3	New	\$35,000						35,000	
TOTAL				\$35,000							
TOTAL GOVERNMENTAL FUNDS				\$2,613,210	\$1,886,538	\$0	\$31,200	\$81,975	\$100,000	\$116,000	\$397,497

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2017 Summary of Costs ~ Proprietary Funds

	Project Number	Priority	Project Purpose	2017 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Fire & Rescue											
Ambulance 1652 Replacement	230-13-015	2	Replacement	\$165,000						\$165,000	
TOTAL				\$165,000							
Airport											
Airport Land Acquisition, Design, & Taxiway & Runway Construction	350-08-013	3	Replacement	\$3,680,000	\$107,257		\$3,572,743				
TOTAL				\$3,680,000							
Water Utility											
East Lincoln Watermain Replacement	360-13-296	3	Replacement	\$198,000						\$198,000	
High Street Water System Upgrade	360-15-299	3	Replacement	\$35,000						\$35,000	
Wacker Drive Bridge Watermain Replacement	360-16-304	3	Replacement	\$139,000						\$139,000	
Monroe Ave Watermain Replacement	360-17-308	3	Replacement	\$187,000						\$187,000	
South Wilson & Van Buren Watermain Replacement	360-17-309	3	Replacement	\$33,000						\$33,000	
TOTAL				\$592,000							
Sewer Utility											
East Lincoln Sanitary Sewer Replacement	370-10-154	3	Replacement	\$185,500						\$185,500	
Vehicle Replacement	370-11-157	3	Replacement	\$36,982						\$36,982	
High St Sanitary Sewer Replacement/Cedar St Extension	370-11-163	3	Replacement	\$147,025						\$147,025	
Facility Exterior Lighting Replacement	370-17-194	3	Replacement	\$15,119						\$15,119	
VAV Plant Control System Replacement	370-17-195	2	Replacement	\$19,500						\$19,500	
Sludge Storage Lift Pump Replacement	370-17-196	2	Replacement	\$55,250						\$55,250	
Plant Influent Flow Meter Replacement	370-17-197	2	Replacement	\$17,000						\$17,000	
Emergency Backup Diesel Pump Replacement	370-17-199	2	Replacement	\$49,157						\$49,157	
TOTAL				\$525,533							
Electric Utility											
Digger Derrick Truck	380-13-312	3	New	\$250,000						\$250,000	
Electric Meter Replacement Program	380-16-319	3	Replacement	\$125,000						\$125,000	
Proposed Hotel System Improvements TIF	380-17-323	2	Replacement	\$130,000						\$130,000	
Track-Mounted Digger Derrick Purchase	380-17-324	3	New	\$68,000						\$68,000	
Proposed Downtown Development State St System Improvements	380-17-325	2	Replacement	\$455,000						\$455,000	
TOTAL				\$1,028,000							
TOTAL PROPRIETARY FUNDS				\$5,990,533	\$107,257	\$0	\$3,572,743	\$0	\$0	\$2,310,533	\$0
TOTAL GOVERNMENTAL FUNDS				\$2,613,210	\$1,886,538	\$0	\$31,200	\$81,975	\$100,000	\$116,000	\$397,497
TOTAL 2017 CAPITAL IMPROVEMENTS				\$8,603,743	\$1,993,795	\$0	\$3,603,943	\$81,975	\$100,000	\$2,426,533	\$397,497

DRAFT -- City of Hartford Capital Improvement Program 2017 - 2021

2018 Summary of Costs ~ Governmental Funds

	Project Number	Priority	Project Purpose	2018 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/Retained Earnings	Property Tax Levy
Law Enforcement											
Police Patrol Vehicle Squad 1	201-95-003	2	Replacement	\$28,000							\$28,000
Police Patrol Vehicle Squad 2	201-95-004	2	Replacement	\$28,000							\$28,000
Police Patrol Vehicle Squad 4	201-00-009	2	Replacement	\$28,000							\$28,000
Administrative Vehicle Squad 10	201-08-015	2	New	\$32,850							\$32,850
Symphony Radio Console	201-16-031	2	Replacement	\$84,611	\$84,611						
TOTAL				\$201,461							
Fire & Rescue											
Fire Engine 1661 Replacement	250-12-046	2	Replacement	\$505,000	\$505,000						
SUV 1684 Replacement	250-14-050	2	Replacement	\$68,000							\$68,000
TOTAL				\$573,000							
Streets Department											
Sealcoating & Asphalt Patching	301-96-074	2	Replacement	\$100,000	\$100,000						
Maple Ave Reconstruction	301-06-353	3	Replacement	\$232,500	\$232,500						
W Rossman St Reconstruction	301-08-380	3	Replacement	\$378,625	\$378,625						
Branch St/Grand Ave Resurfacing	301-09-384	2	Replacement	\$5,000	\$5,000						
Harrison St Reconstruction	301-09-386	3	Replacement	\$344,500	\$344,500						
Storm Water Pond Dredging/Maintenance	301-09-387	2	Replacement	\$30,000							\$30,000
Cedar St Resurfacing	301-11-400	3	Replacement	\$177,300	\$177,300						
Dump Truck Plow & Wing Replacement	301-11-402	3	Replacement	\$175,000	\$175,000						
Sidewalk Repair/Replacement	301-14-411	3	Replacement	\$129,000	\$29,000			\$100,000			
Pickup Replacement	301-14-412	3	Replacement	\$22,000	\$22,000						
Emerald Ash Borer Tree Replacement	301-15-415	2	Replacement	\$25,000							\$25,000
North Wacker Drive Bridge Replacement	301-16-424	2	Replacement	\$39,000	\$39,000						
TOTAL				\$1,657,925							
Cemeteries											
Cemetery Columbarium	401-14-010	4	New	\$34,000							\$34,000
TOTAL				\$34,000							
Parks											
Independence Park Landfill	501-95-012	1	Replacement	\$40,000						\$40,000	
Emerald Ash Borer Tree Removal & Plantings	501-11-078	3	New	\$15,000						\$15,000	
Veterans Park Playground	501-14-089	3	Replacement	\$60,000						\$60,000	
TOTAL				\$115,000							
Recreation											
Pool Pac Replacement	550-13-034	3	Replacement	\$190,000						\$190,000	
Recreation Center Fitness Selectorized	550-14-035	3	Replacement	\$32,400						\$32,400	
TOTAL				\$222,400							
Planning & Zoning											
Geographic Information System (GIS)	604-10-003	3	New	\$35,000						35,000	
TOTAL				\$35,000							
TOTAL GOVERNMENTAL FUNDS				\$2,838,786	\$2,092,536	\$0	\$0	\$0	\$100,000	\$372,400	\$273,850

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2018 Summary of Costs ~ Proprietary Funds

	Project Number	Priority	Project Purpose	2018 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Water Utility											
W Rossman Watermain Replacement	360-01-213	3	Replacement	\$169,000						\$169,000	
Maple Ave Watermain Replacement	360-06-269	3	Replacement	\$111,000						\$111,000	
Harrison St Watermain Replacement	360-11-283	3	Replacement	\$220,000						\$220,000	
Cedar St Watermain Replacement	360-11-285	3	Replacement	\$134,000						\$134,000	
Water Tower Exterior Overcoat	360-17-310	3	Replacement	\$100,000						\$100,000	
TOTAL				\$734,000							
Sewer Utility											
Maple Ave Sanitary Sewer Replacement	370-06-145	3	Replacement	\$91,000						\$91,000	
W Rossman Sanitary Sewer Replacement	370-09-152	3	Replacement	\$118,000						\$118,000	
Harrison Street Sanitary Sewer Replacement	370-11-162	3	Replacement	\$64,000						\$64,000	
Cedar St Sanitary Sewer Replacement	370-15-184	2	Replacement	\$97,750						\$97,750	
Jetter/Vac Replacement	370-15-187	2	Replacement	\$375,000						\$375,000	
TOTAL				\$745,750							
Electric Utility											
Sunset/Fairview Area Reconductor	380-11-290	3	Replacement	\$496,000						\$496,000	
Electric Meter Replacement Program	380-16-319	3	Replacement	\$120,000						\$120,000	
Pickup Truck Replacement #204	380-16-320	3	Replacement	\$28,000						\$28,000	
Proposed Downtown Development Main St Business Improvement	380-17-326	2	Replacement	\$608,000						\$608,000	
TOTAL				\$1,252,000							
TOTAL PROPRIETARY FUNDS				\$2,731,750	\$0	\$0	\$0	\$0	\$0	\$2,731,750	\$0
TOTAL GOVERNMENTAL FUNDS				\$2,838,786	\$2,092,536	\$0	\$0	\$0	\$100,000	\$372,400	\$273,850
TOTAL 2018 CAPITAL IMPROVEMENTS				\$5,570,536	\$2,092,536	\$0	\$0	\$0	\$100,000	\$3,104,150	\$273,850

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2019 Summary of Costs ~ Governmental Funds

	Project Number	Priority	Project Purpose	2019 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Law Enforcement											
Police Patrol Vehicle Squad 3	201-95-001	2	Replacement	\$22,800							\$22,800
Police Patrol Vehicle Squad 5	201-95-002	2	Replacement	\$22,300							\$22,300
Administrative Vehicle Squad 8	201-03-006	2	Replacement	\$26,700							\$26,700
TOTAL				\$71,800							
Fire & Rescue											
Fire Station Office Roof Replacement	250-15-051	2	Replacement	\$21,000	\$21,000						
Breathing Air Compressor Replacement	250-15-052	2	Replacement	\$65,000							\$65,000
SCBA Replacement	250-15-053	2	Replacement	\$335,000	\$335,000						
TOTAL				\$421,000							
Streets Department											
Sealcoating & Asphalt Patching	301-96-074	2	Replacement	\$100,000	\$100,000						
Fifth St Reconstruction Union to Wisconsin	301-01-205	3	Replacement	\$172,775	\$172,775						
Storm Water Pond Dredging/Maintenance	301-09-387	2	Replacement	\$30,000							\$30,000
Martin Drive & Morgan Dr Reconstruction	301-12-408	3	Replacement	\$312,000	\$312,000						
Sidewalk Repair/Replacement	301-14-411	3	Replacement	\$129,000	\$29,000			\$100,000			
Emerald Ash Borer Tree Replacement	301-15-415	2	Replacement	\$25,000							\$25,000
S Main St Resurfacing	301-15-419	3	Replacement	\$300,500	\$300,500						
E Wisconsin St Reconstruction	301-15-420	3	Replacement	\$186,300	\$186,300						
North Wacker Drive Bridge Replacement	301-16-424	2	Replacement	\$39,000	\$39,000						
Loader Replacement	301-16-425	3	Replacement	\$140,000	\$140,000						
TOTAL				\$1,434,575							
Transportation Division											
Taxi Minivan	310-09-007	2	Replacement	\$39,000			\$31,200				\$7,800
TOTAL				\$39,000							
Parks											
Independence Park Landfill	501-95-012	1	Replacement	\$40,000						\$40,000	
Emerald Ash Borer Tree Removal & Plantings	501-11-078	3	New	\$15,000						\$15,000	
Parks Compact Pick-Up Truck	501-15-093	3	Replacement	\$19,600							\$19,600
West Side Park Playground	501-15-094	3	Replacement	\$40,000						\$40,000	
TOTAL				\$114,600							
Engineering											
Surveying Equipment, Total Station	601-15-031	3	New	\$34,000							\$34,000
TOTAL				\$34,000							
Planning & Zoning											
Geographic Information System (GIS)	604-10-003	3	New	\$35,000						35,000	
TOTAL				\$35,000							
TOTAL GOVERNMENTAL FUNDS				\$2,149,975	\$1,635,575	\$0	\$31,200	\$0	\$100,000	\$130,000	\$253,200

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2019 Summary of Costs ~ Proprietary Funds

	Project Number	Priority	Project Purpose	2019 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Water Utility											
Fifth St Watermain Replacement Union to Wisconsin	360-02-226	3	Replacement	\$100,000						\$100,000	
East Wisconsin Ave Watermain Replacement	360-05-262	3	Replacement	\$82,000						\$82,000	
Martin & Morgan Dr Watermain Replacement	360-12-293	3	Replacement	\$155,000						\$155,000	
South Main Watermain Replacement	360-15-300	3	Replacement	\$184,000						\$184,000	
Water Meter Replacement Program 50%	360-16-303	2	Replacement	\$130,000						\$130,000	
TOTAL				\$651,000							
Sewer Utility											
Fifth St Sanitary Sewer Replacement	370-02-113	3	Replacement	\$64,000						\$64,000	
Grant St Force Main Replacement	370-11-164	3	Replacement	\$85,000						\$85,000	
Martin & Morgan Dr Reconstruction	370-13-174	3	Replacement	\$156,800						\$156,800	
East Wisconsin Ave Sewer Replacement	370-15-186	2	Replacement	\$118,000						\$118,000	
South Main Sanitary Sewer Replacement	370-16-190	3	Replacement	\$189,550						\$189,550	
Water Meter Replacement Program 50%	370-16-191	3	Replacement	\$130,000						\$130,000	
TOTAL				\$743,350							
Electric Utility											
Sunset/Fairview Area Reconductor	380-11-290	3	Replacement	\$164,000						\$164,000	
Pine Street Area Rebuild	380-11-293	3	Replacement	\$145,000						\$145,000	
Harrison St & Court Dr Area Rebuild	380-11-300	3	Replacement	\$339,000						\$339,000	
Electric Meter Replacement Program	380-16-319	3	Replacement	\$150,000						\$150,000	
TOTAL				\$798,000							
TOTAL PROPRIETARY FUNDS				\$2,192,350	\$0	\$0	\$0	\$0	\$0	\$2,192,350	\$0
TOTAL GOVERNMENTAL FUNDS				\$2,149,975	\$1,635,575	\$0	\$31,200	\$0	\$100,000	\$130,000	\$253,200
TOTAL 2019 CAPITAL IMPROVEMENTS				\$4,342,325	\$1,635,575	\$0	\$31,200	\$0	\$100,000	\$2,322,350	\$253,200

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2020 Summary of Costs ~ Governmental Funds

	Project Number	Priority	Project Purpose	2020 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/Retained Earnings	Property Tax Levy
Law Enforcement											
Police Patrol Vehicle Squad 1	201-95-003	2	Replacement	\$22,300							\$22,300
Police Patrol Vehicle Squad 2	201-95-004	2	Replacement	\$22,300							\$22,300
Police Patrol Vehicle Squad 4	201-00-009	2	Replacement	\$22,300							\$22,300
Squad Mobile Video Recorders	201-14-027	2	Replacement	\$25,325							\$25,325
TOTAL				\$92,225							
Fire & Rescue											
Fire/EMS Van Replacement	250-16-054	3	Replacement	\$61,500	\$61,500						
TOTAL				\$61,500							
Streets Department											
Sealcoating & Asphalt Patching	301-96-074	2	Replacement	\$100,000	\$100,000						
Storm Water Pond Dredging/Maintenance	301-09-387	2	Replacement	\$30,000							\$30,000
Harker Avenue Resurfacing	301-13-409	3	Replacement	\$341,125	\$341,125						
Sidewalk Repair/Replacement	301-14-411	3	Replacement	\$129,000	\$29,000				\$100,000		
Emerald Ash Borer Tree Replacement	301-15-415	2	Replacement	\$25,000							\$25,000
North Wacker Drive Reconstruction	301-16-423	3	Replacement	\$364,300	\$364,300						
North Wacker Drive Bridge Replacement	301-16-424	2	Replacement	\$462,000	\$462,000						
Dump Truck Plow & Wing Replacement	301-17-431	3	Replacement	\$175,000	\$175,000						
TOTAL				\$1,626,425							
Building Maintenance											
City Hall Lower Level Renovations	330-16-035	3	Replacement	\$55,000							\$55,000
TOTAL				\$55,000							
Cemeteries											
One Ton Dump Truck	401-15-011	3	Replacement	\$42,000							\$42,000
TOTAL				\$42,000							
Parks											
Independence Park Landfill	501-95-012	1	Replacement	\$40,000						\$40,000	
Emerald Ash Borer Tree Removal & Plantings	501-11-078	3	New	\$15,000						\$15,000	
Millpond Bulkhead Repair & Dredging	501-16-097	2	Replacement	\$1,060,000	\$1,060,000						
TOTAL				\$1,115,000							
Recreation											
Pool Pac Replacement for Therapy Pool	550-16-040	3	Replacement	\$45,000						\$45,000	
TOTAL				\$45,000							
Engineering											
Downtown Stormwater/Parking Improvements	601-16-032	3	Replacement	\$500,000	\$500,000						
TOTAL				\$500,000							
Planning & Zoning											
Geographic Information System (GIS)	604-10-003	3	New	\$35,000						\$35,000	
TOTAL				\$35,000							
TOTAL GOVERNMENTAL FUNDS				\$3,572,150	\$3,092,925	\$0	\$0	\$0	\$100,000	\$135,000	\$244,225

2020 Summary of Costs ~ Proprietary Funds

	Project Number	Priority	Project Purpose	2020 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Airport											
Apron Reconstruction	350-12-022	3	Replacement	\$300,000			\$300,000				
TOTAL				\$300,000							
Water Utility											
Water Meter Replacement Program 50%	360-16-303	2	Replacement	\$130,000						\$130,000	
Wacker Drive Watermain Replacement	360-16-305	3	Replacement	\$175,000						\$175,000	
Excavator Purchase 50%	360-16-307	3	New	\$42,000						\$42,000	
TOTAL				\$347,000							
Sewer Utility											
Harker Avenue Reconstruction	370-13-175	3	Replacement	\$195,760						\$195,760	
Water Meter Replacement Program 50%	370-16-191	3	Replacement	\$130,000						\$130,000	
TOTAL				\$325,760							
Electric Utility											
Lee Road Underground Circuit Extension	380-04-253	3	New	\$194,000						\$194,000	
East Monroe (S Main-Wilson) Rebuild	380-11-291	3	Replacement	\$320,000						\$320,000	
Misty Meadows Area Rebuild	380-11-295	3	Replacement	\$160,000						\$160,000	
Electric Meter Replacement Program	380-16-319	3	Replacement	\$120,000						\$120,000	
Excavator Purchase 50%	380-16-322	3	New	\$42,000						\$42,000	
TOTAL				\$836,000							
Information Systems											
Fiber Cable to Utility & DPW Buildings	675-16-009	3	New	\$40,000						\$40,000	
TOTAL				\$40,000							
TOTAL PROPRIETARY FUNDS				\$1,848,760	\$0	\$0	\$300,000	\$0	\$0	\$1,548,760	\$0
TOTAL GOVERNMENTAL FUNDS				\$3,572,150	\$3,092,925	\$0	\$0	\$0	\$100,000	\$135,000	\$273,850
TOTAL 2020 CAPITAL IMPROVEMENTS				\$5,420,910	\$3,092,925	\$0	\$300,000	\$0	\$100,000	\$1,683,760	\$273,850

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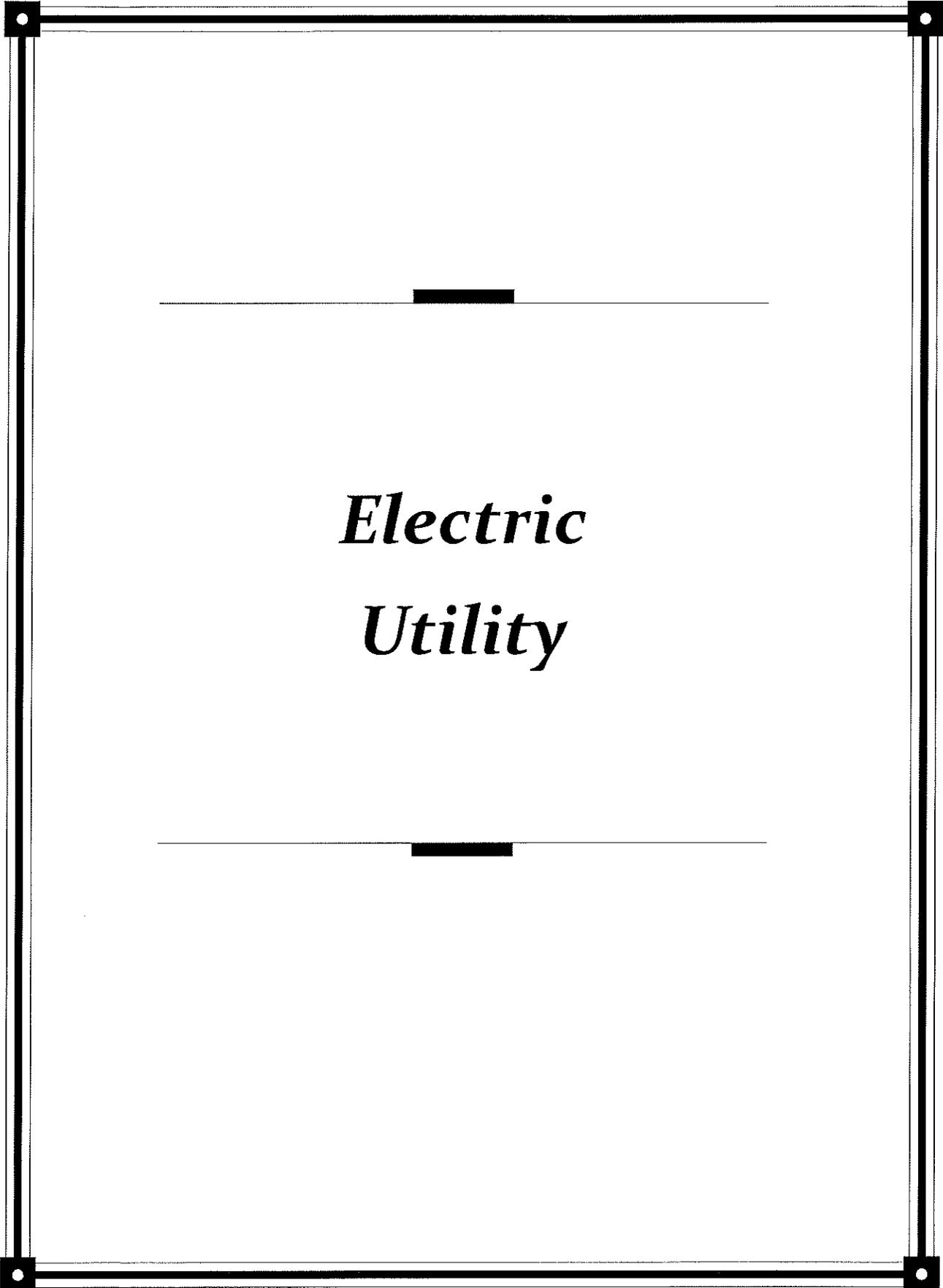
2021 Summary of Costs ~ Governmental Funds

	Project Number	Priority	Project Purpose	2021 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Law Enforcement											
Police Patrol Vehicle Squad 3	201-95-001	2	Replacement	\$22,800							\$22,800
Police Patrol Vehicle Squad 5	201-95-002	2	Replacement	\$22,300							\$22,300
Utility Vehicle, Full Size, Four Wheel Drive Squad 7	201-11-023	2	Replacement	\$37,100							\$37,100
Mobile Data Computers	201-17-033	2	Replacement	\$27,219							\$27,219
TOTAL				\$109,419							
Fire & Rescue											
Tender 1695 Replacement	250-17-055	3	Replacement	\$260,000							\$260,000
TOTAL				\$260,000							
Streets Department											
Sealcoating & Asphalt Patching	301-96-074	2	Replacement	\$100,000	\$100,000						
W Prospect St Storm Sewer Extension/Reconstruction	301-04-343	3	New	\$313,000	\$313,000						
Storm Water Pond Dredging/Maintenance	301-09-387	2	Replacement	\$30,000	\$30,000						
Budd Street Reconstruction	301-13-410	3	Replacement	\$375,325	\$375,325						
Sidewalk Repair/Replacement	301-14-411	3	Replacement	\$129,000	\$29,000			\$100,000			
Emerald Ash Borer Tree Replacement	301-15-415	2	Replacement	\$25,000						\$25,000	
E Lincoln Ave Reconstruction	301-15-418	3	Replacement	\$590,000	\$590,000						
West Loos Street Reconstruction	301-16-422	3	Replacement	\$212,750	\$212,750						
Pickup Replacement	301-17-432	3	Replacement	\$29,000	\$29,000						
TOTAL				\$1,804,075							
Transportation Division											
Taxi Minivan	310-09-007	2	Replacement	\$39,000			\$31,200				\$7,800
TOTAL				\$39,000							
Parks											
Independence Park Landfill	501-95-012	1	Replacement	\$40,000						\$40,000	
Veterans Park Picnic Shelter	501-17-098	3	New	\$50,000						\$50,000	
Riding Mower 16' Cut	501-17-099	3	Replacement	\$60,000						\$60,000	
TOTAL				\$150,000							
Recreation											
Veterans Memorial Aquatic Center Pool Painting	550-17-041	2	Replacement	\$25,000						\$25,000	
Recreation Center New Roof Cover	550-17-042	2	Replacement	\$225,000	\$225,000						
Signicast Aquatic Center Resurface	550-17-043	2	Replacement	\$34,875						\$34,875	
TOTAL				\$284,875							
Planning & Zoning											
Geographic Information System (GIS)	604-10-003	3	New	\$20,000						20,000	
TOTAL				\$20,000							
TOTAL GOVERNMENTAL FUNDS				\$2,667,369	\$1,904,075	\$0	\$31,200	\$0	\$100,000	\$254,875	\$377,219

DRAFT -- City of Hartford Capital Improvement Program 2017-2021

2021 Summary of Costs ~ Proprietary Funds

	Project Number	Priority	Project Purpose	2021 Share Total Project Cost	General Obligation Debt	Other Long-Term Borrowings	Grants & Aids	Trusts & Donations	Special Assessments	Fund Balance/ Retained Earnings	Property Tax Levy
Water Utility											
Prospect St Watermain Replacement	360-05-257	3	Replacement	\$125,000						\$125,000	
Budd St Watermain Replacement	360-05-263	3	Replacement	\$198,000						\$198,000	
East Lincoln Watermain Replacement	360-15-301	3	Replacement	\$193,000						\$193,000	
Water Meter Replacement Program 50%	360-16-303	2	Replacement	\$130,000						\$130,000	
West Loos Street Watermain Replacement	360-16-306	3	Replacement	\$106,000						\$106,000	
TOTAL				\$752,000							
Sewer Utility											
W Prospect Sanitary Sewer Replacement	370-05-134	3	Replacement	\$64,000						\$64,000	
East Lincoln Sanitary Sewer Replacement	370-16-189	3	Replacement	\$161,740						\$161,740	
Water Meter Replacement Program 50%	370-16-191	3	Replacement	\$130,000						\$130,000	
Loos Street Sanitary Sewer Replacement	370-16-192	3	Replacement	\$100,855						\$100,855	
42 Inch Main Interceptor Sewer Rehabilitation	370-17-198	2	Replacement	\$1,701,225						\$1,701,225	
TOTAL				\$2,157,820							
Electric Utility											
Wacker Dr Abbott to W State Rebuild	380-11-296	3	Replacement	\$170,000						\$170,000	
Church Street Area Rebuild	380-13-311	3	Replacement	\$185,000						\$185,000	
Pleasant Avenue Area Rebuild	380-13-313	3	Replacement	\$105,000						\$105,000	
Circuit #22 Reconductor	380-14-315	3	Replacement	\$182,000						\$182,000	
Electric Meter Replacement Program	380-16-319	3	Replacement	\$100,000						\$100,000	
TOTAL				\$742,000							
TOTAL PROPRIETARY FUNDS				\$3,651,820	\$0	\$0	\$0	\$0	\$0	\$3,651,820	\$0
TOTAL GOVERNMENTAL FUNDS				\$2,667,369	\$1,904,075	\$0	\$31,200	\$0	\$100,000	\$254,875	\$377,219
TOTAL 2016 CAPITAL IMPROVEMENTS				\$6,319,189	\$1,904,075	\$0	\$31,200	\$0	\$100,000	\$3,906,695	\$377,219



*Electric
Utility*

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Digger Derrick Truck

Department: Electric Utility

Reference Number: 380-13-312

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Maintain a safe and reliable fleet of trucks.

PROJECT DESCRIPTION: Purchase new digger derrick line truck with increased lifting capability.

PROJECT JUSTIFICATION: Due to the growth of the utility, it has become necessary to have a second digger derrick in the fleet. The workload and demand for this truck to complete projects continues to increase each year in Hartford and Slinger. The lifting capacity of the existing truck is slightly undersized and is unable to safely lift our largest transformer.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$250,000				
Less Disposals					
NET COST	\$250,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation	\$37,500	User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	\$3,735
Other Costs		Other Revenue	
TOTAL EXPENSES	\$37,500	TOTAL REVENUE	\$3,735

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Digger Derrick Truck

Reference Number: 380-13-312

Cost	Per Unit	Total
Purchase Price		\$250,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$250,000

Estimated Equipment Usage	
5	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
15	Years in Service
\$16,667	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$250,000
Other Revenues	
TOTAL SOURCES	\$250,000

Inventory and Replacement	
Similar Items in Inventory	One, Truck 207
Items Replaced	None, will keep existing truck
Age of Items	16 years old (based on 2017)
Down Time	3 weeks/year
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Electric Meter Replacement Program

Department: Electric Utility

Reference Number: 380-16-319

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Collect and validate electric usage data from industrial, commercial and residential customers to provide an accurate bill.

PROJECT DESCRIPTION: Replace all automatic meter reading (AMR) electric meters at the industrial, commercial and residential customers with a new meter using advanced metering infrastructure technology (AMI). Data would be transferred through an existing radio and antenna system at the Bulk Substation and the Utility Operations Center. Industrial/commercial meters replaced in 2017/18, residential meters replace in 2019—2021.

PROJECT JUSTIFICATION: Meter replacement provides a more efficient manner of collecting meter data and it provides checks and balances to ensure billing accuracy.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$125,000	\$120,000	\$150,000	\$120,000	\$100,000
Less Disposals					
NET COST	\$125,000	\$120,000	\$150,000	\$120,000	\$100,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation	\$37,500	User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	\$3,735
Other Costs		Other Revenue	
TOTAL EXPENSES	\$37,500	TOTAL REVENUE	\$3,735

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Electric Meter Replacement Program
Reference Number: 380-16-319

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	6867		\$615,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$615,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Proposed Hotel System Improvements

Department: Electric Utility

Reference Number: 380-17-323

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Convert overhead distribution facilities to an underground system in the area surrounding the proposed hotel.

PROJECT DESCRIPTION: Remove all poles, overhead conductors, and transformers on Park Street between Mill Street and Fourth Street and replace with underground conductors and equipment. A small area would also be converted to underground along East Sumner Street. The rebuild will be upgraded to meet current construction standards.

PROJECT JUSTIFICATION: The existing poles in the area are deteriorating. Updating and converting this area to an underground system will promote system reliability. This project is included in the proposed TIF.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$130,000				
Less Disposals					
NET COST	\$130,000				

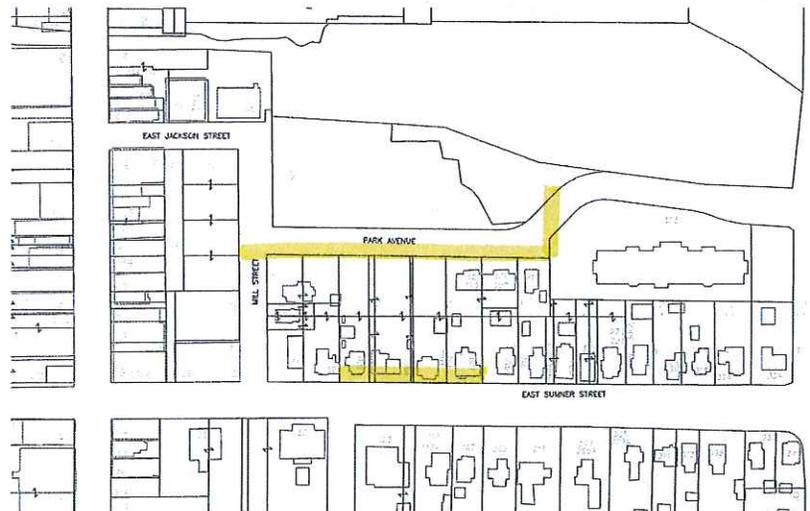
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Proposed Hotel System Improvements
Reference Number: 380-17-323

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	1000 L.F.		\$125,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$130,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Track-Mounted Digger Derrick Purchase

Department: Electric Utility

Reference Number: 380-17-324

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Add a versatile piece of equipment to the fleet for working safely and efficiently in rear lots.

PROJECT DESCRIPTION: Purchase a used track-mounted machine equipped with an auger and an aerial bucket for working in backyards and remote locations. The machine will have a minimum working height of 35 feet and will be capable of setting a 40 foot pole.

PROJECT JUSTIFICATION: A large number of rear-lot pole line rebuild projects are scheduled to be completed over the next 10-15 years and purchasing a used machine will eliminate rental fees on these projects. A compact, track mounted digger and aerial device will provide the versatility needed to complete these projects safely and efficiently. Rebuild projects planned over the next seven years will incur rental fees in excess of \$70,000. The availability for other City departments would further expand its usefulness.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$68,000				
Less Disposals					
NET COST	\$68,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Track-Mounted Digger Derrick

Reference Number: 380-17-324

Cost	Per Unit	Total
Purchase Price		\$68,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$68,000

Estimated Equipment Usage	
5	Hours Per Day
3	Average Days Per Week
16	Weeks Per Year
15	Years in Service
\$4,533	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$68,000
Other Revenues	
TOTAL SOURCES	\$68,000

Inventory and Replacement	
Similar Items in Inventory	0
Items Replaced	
Age of Items	
Down Time	
Down Cost	Rental fees \$3000/mo

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Proposed Downtown Development State Street System Improvements

Department: Electric Utility

Reference Number: 380-17-325

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Convert overhead distribution facilities to an underground system.

PROJECT DESCRIPTION: Remove all poles, overhead conductors, and transformers on State Street between North Johnson Street and First Street and replace with underground conductors and equipment. The rebuild will be upgraded to meet current construction standards.

PROJECT JUSTIFICATION: Converting to an underground system will enhance the area for redevelopment. This project is included in the proposed TIF.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$455,000				
Less Disposals					
NET COST	\$455,000				

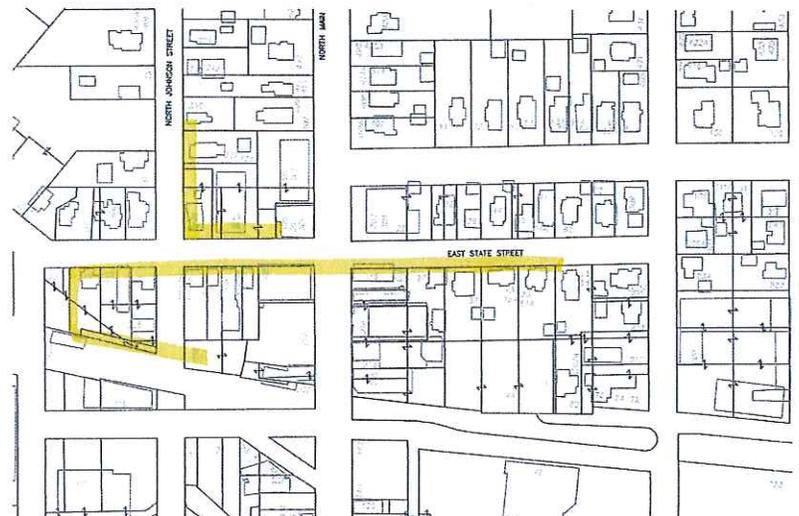
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Proposed Downtown Development State Street System Improvements
Reference Number: 380-17-325

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	2200 L.F.		\$450,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$455,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2019 PROJECT YEARS

Sunset/Fairview Area Reconductor

Department: Electric Utility

Reference Number: 380-11-290

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability for the area

PROJECT DESCRIPTION: In 2018 replace the aging poles, conductors and transformers along Sunset Drive and Fairview Drive between Cedar Street and Berdon Lane. Underground conductors and transformers will be replaced between Berdon Lane and Willow Lane. In 2019 underground conductors and transformers will be replaced along Willow Lane between Sunset Drive and Monroe Avenue. Directional drilling will be used when practical.

PROJECT JUSTIFICATION: Replacement will increase system reliability in the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$496,000	\$164,000		
Less Disposals					
NET COST		\$496,000	\$164,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

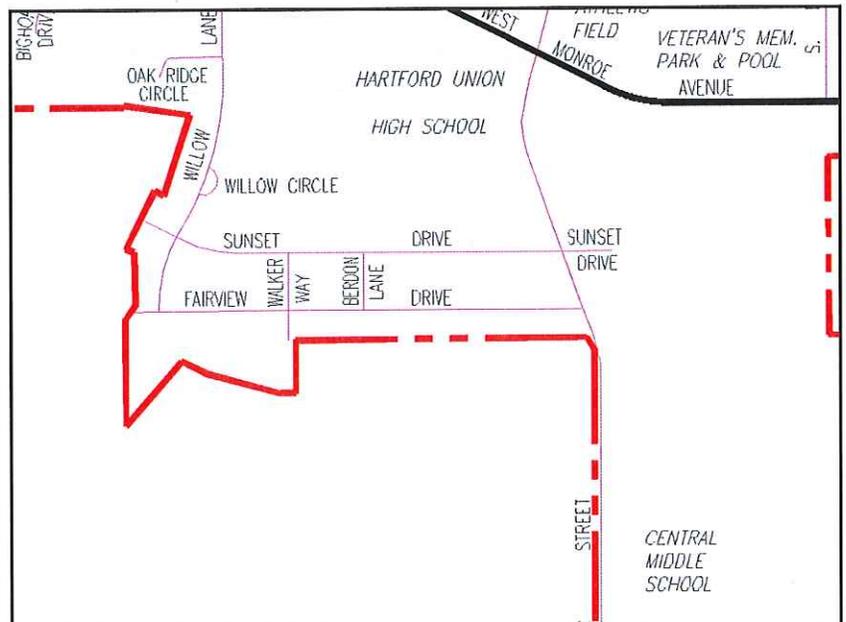
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2019 PROJECT YEARS

Sunset/Fairview Area Reconstructor

Reference Number: 380-11-290

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	10,800 L.F.		\$655,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$660,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Pickup Truck Replacement #204

Department: Electric Utility

Reference Number: 380-16-320

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Maintain a safe and reliable fleet of utility vehicles.

PROJECT DESCRIPTION: Purchase a new full size 3/4 ton pickup truck to replace the existing compact 1/4 ton pickup truck.

PROJECT JUSTIFICATION: This truck is used constantly by the Utility Technicians to collect meter data and assist the line crew. Repair and maintenance costs are beginning to increase and the truck is showing visible signs of wear and tear. In 2018, this truck will be 13 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$29,000			
Less Disposals		(\$1,000)			
NET COST		\$28,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Pickup Truck Replacement #204

Reference Number: 380-16-320

Cost	Per Unit	Total
Purchase Price		\$29,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$29,000

Estimated Equipment Usage	
6	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
13	Years in Service
\$2,231	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$28,000
Other Revenues	
TOTAL SOURCES	\$28,000

Inventory and Replacement	
Similar Items in Inventory	One 3/4 ton truck
Items Replaced	One
Age of Items	9 years old
Down Time	1 week/year
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Proposed Downtown Development Main Street Business Improvements

Department: Electric Utility

Reference Number: 380-17-326

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Convert overhead distribution facilities to an underground system.

PROJECT DESCRIPTION: Remove all poles, overhead conductors, and transformers located behind the downtown businesses on the east side of Main Street between East Wisconsin Avenue and East Sumner Street and replace with underground conductors and equipment. The rebuild will be upgraded to meet current construction standards.

PROJECT JUSTIFICATION: Converting to an underground system will promote reliability for the area and will also enhance the area for redevelopment. This project is included in the proposed TIF.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$608,000			
Less Disposals					
NET COST		\$608,000			

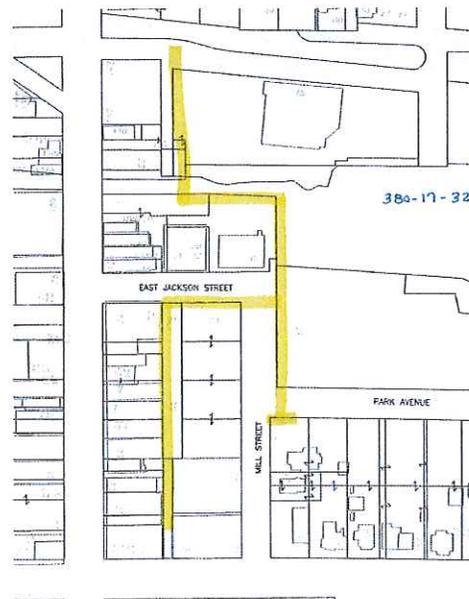
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Proposed Downtown Development Main Street Business Improvements
Reference Number: 380-17-326

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	2200 L.F.		\$603,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$608,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Pine Street Area Rebuild

Department: Electric Utility

Reference Number: 380-11-293

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability along the north and south side of Pine Street.

PROJECT DESCRIPTION: Replace all poles, conductors and transformers on Grant Street between West State Street and the railroad tracks and along the rear lot lines of Pine Street between Grant Street and Wacker Drive. Rebuild will be upgraded to meet the current construction standards.

PROJECT JUSTIFICATION: Replacement promotes system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$145,000		
Less Disposals					
NET COST			\$145,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

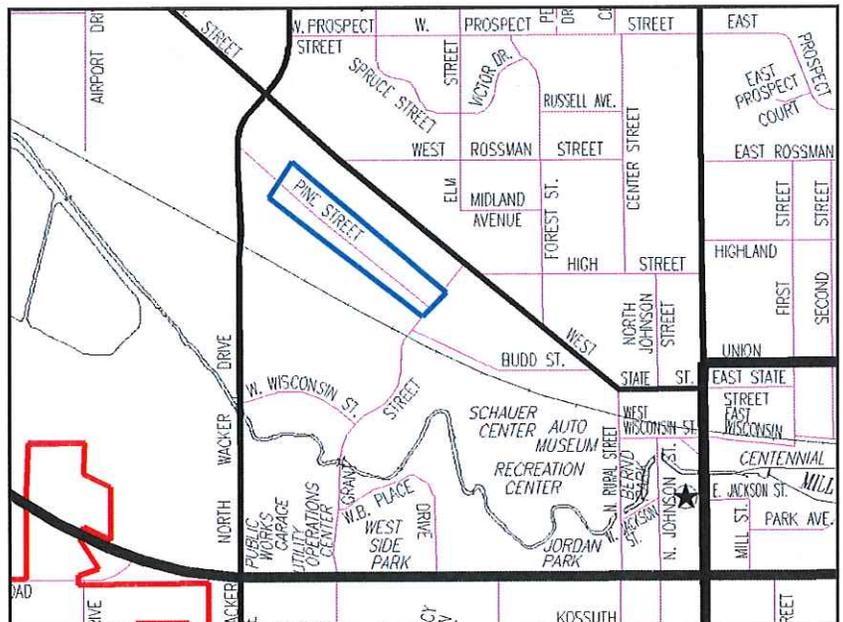
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Pine Street Area Rebuild

Reference Number: 380-11-293

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	3000 L.F.		\$140,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$145,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Harrison Street & Court Drive Area Rebuild

Department: Electric Utility

Reference Number: 380-11-300

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability in the area.

PROJECT DESCRIPTION: Replace the aging poles, conductors and transformers along Court Drive, Troeller Court and Harrison Street between Birch Lane and Cedar Street. Directional drilling will be used whenever practical.

PROJECT JUSTIFICATION: Replacement promotes system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$339,000		
Less Disposals					
NET COST			\$339,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

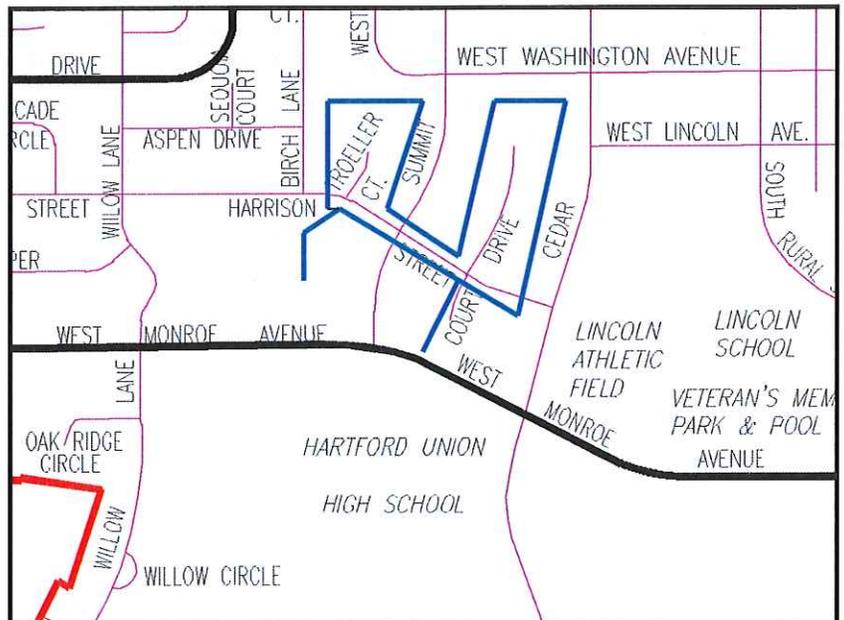
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Harrison Street and Court Drive Area Rebuild

Reference Number: 380-11-300

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	6050 L.F.		\$334,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$339,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Lee Road Underground Circuit Extension

Department: Electric Utility

Reference Number: 380-04-253

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve reliability of electric distribution by developing redundancy.

PROJECT DESCRIPTION: Install underground cable and equipment along Lee Road between Cedar Street and South Wilson Avenue.

PROJECT JUSTIFICATION: Extending and tying two circuits together will create a loop in the system which creates a more reliable electric system.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$194,000	
Less Disposals					
NET COST				\$194,000	

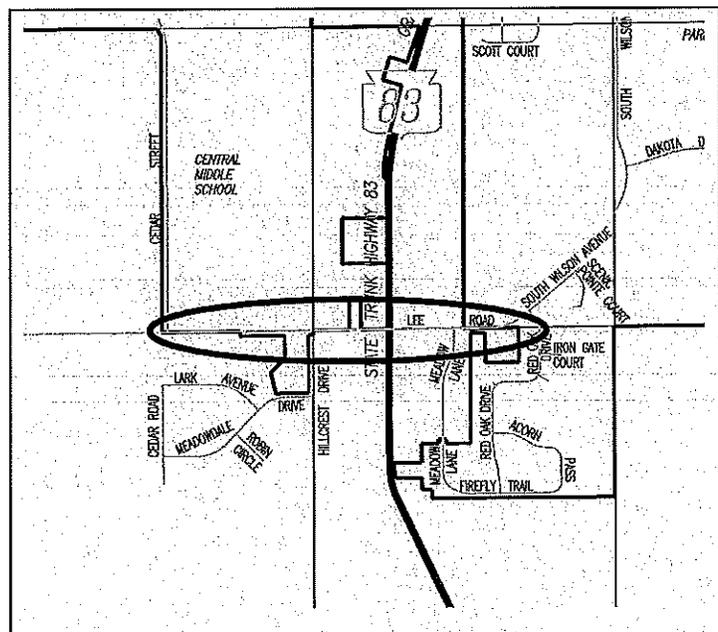
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation	\$5,775	User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	\$2,614
Other Costs		Other Revenue	
TOTAL EXPENSES	\$5,775	TOTAL REVENUE	\$2,614

Lee Road Underground Circuit Extension

Reference Number: 380-04-253

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	3500 L.F.		\$189,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$194,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

East Monroe Rebuild (South Main—Wilson Ave)

Department: Electric Utility

Reference Number: 380-11-291

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability on the south side of East Monroe Avenue.

PROJECT DESCRIPTION: Replace aging underground conductors and transformers on the south side of East Monroe Avenue from South Main Street and Grand Avenue and along South Wilson Avenue.

PROJECT JUSTIFICATION: Replacement promotes system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$320,000	
Less Disposals					
NET COST				\$320,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

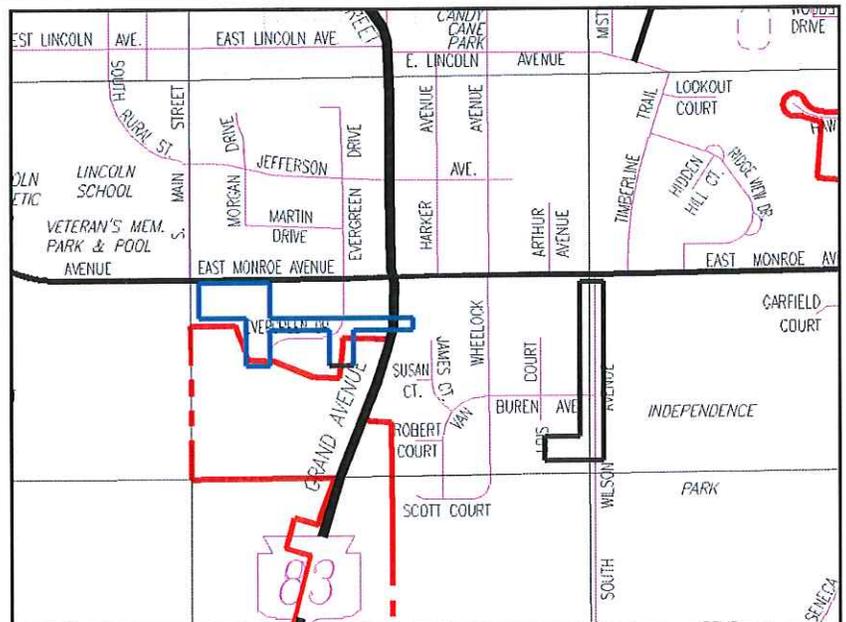
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

East Monroe Rebuild (South Main—Wilson Ave)

Reference Number: 380-11-291

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	5300 L.F.		\$315,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$320,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Misty Meadows Area Rebuild

Department: Electric Utility

Reference Number: 380-11-295

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability in the Misty Meadows area.

PROJECT DESCRIPTION: Replace aging conductors and transformers along Misty Meadows Boulevard and East Avenue between McKinley Avenue and Lincoln Avenue. Directional drilling will be used whenever practical.

PROJECT JUSTIFICATION: Replacement promotes system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$160,000	
Less Disposals					
NET COST				\$160,000	

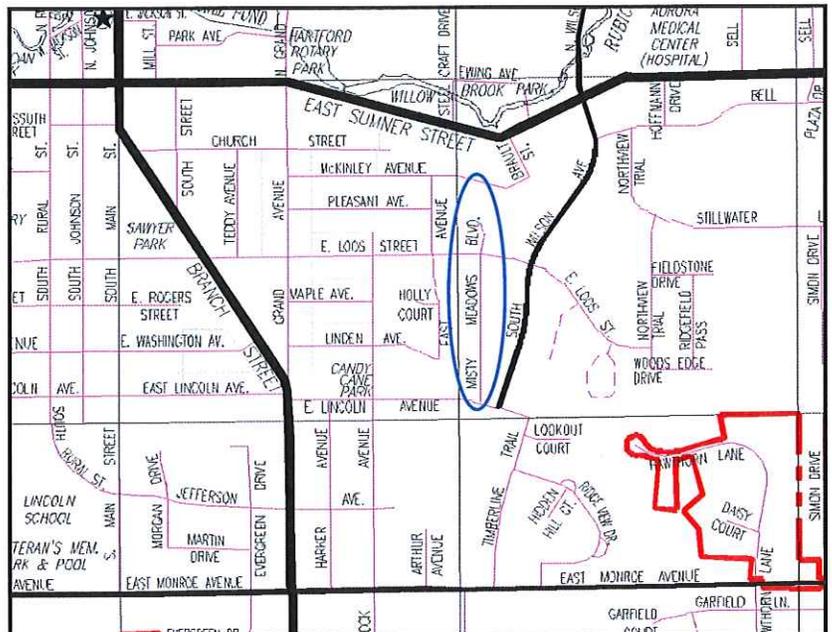
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

Misty Meadows Area Rebuild

Reference Number: 380-11-295

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	3300 L.F.		\$155,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$160,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Excavator Purchase 50%

Department: Electric Utility

Reference Number: 380-16-322

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Maintain a safe and reliable fleet of excavation equipment for Hartford Electric and the Hartford Water Utility.

PROJECT DESCRIPTION: Purchase a new mini excavator with rubber tracks, full 360 degree rotation and an offset boom for digging in tight locations.

PROJECT JUSTIFICATION: A mini excavator is more versatile and allows for a more diverse fleet of excavating equipment. In addition to the standard work load, more developments and projects are completed without the assistance of contractors in Hartford and Slinger and the mini excavator would make the projects more efficient.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$42,000	
Less Disposals					
NET COST				\$42,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Excavator Purchase 50%

Reference Number: 380-16-322

Cost	Per Unit	Total
Purchase Price		\$42,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$42,000

Estimated Equipment Usage	
4	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
18	Years in Service
\$2,333	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$42,000
Other Revenues	
TOTAL SOURCES	\$42,000

Inventory and Replacement	
Similar Items in Inventory	2
Items Replaced	0
Age of Items	18 (2020); 11 (2020)
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Wacker Drive Rebuild—Abbott to West State Street

Department: Electric Utility

Reference Number: 380-11-296

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability in the area.

PROJECT DESCRIPTION: Replace the aging conductors and transformers along the east side of Wacker Drive between Abbott Avenue and West State Street. Directional drilling will be used whenever practical.

PROJECT JUSTIFICATION: Replacement promotes system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$170,000
Less Disposals					
NET COST					\$170,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

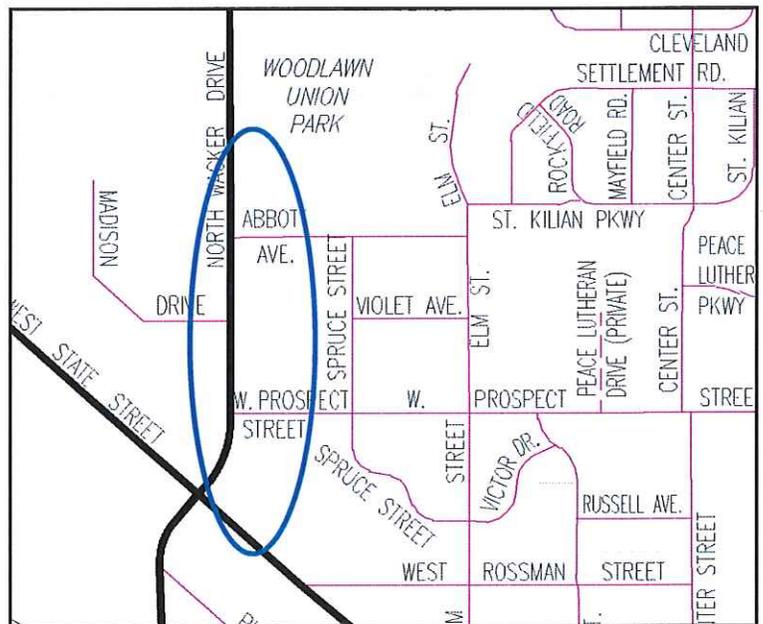
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Wacker Drive Rebuild—Abbott to West State Street

Reference Number: 380-11-296

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	3500 L.F.		\$165,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$170,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Church Street Area Rebuild

Department: Electric Utility

Reference Number: 380-13-311

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability in the Church Street area.

PROJECT DESCRIPTION: Replace all poles, conductors and transformers on Church Street between Branch Street and Grand Avenue; South Street and Teddy Avenue. Rebuild will be upgraded to meet the current construction standards.

PROJECT JUSTIFICATION: Poles in the area are aging and replacement will promote system reliability.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$185,000
Less Disposals					
NET COST					\$185,000

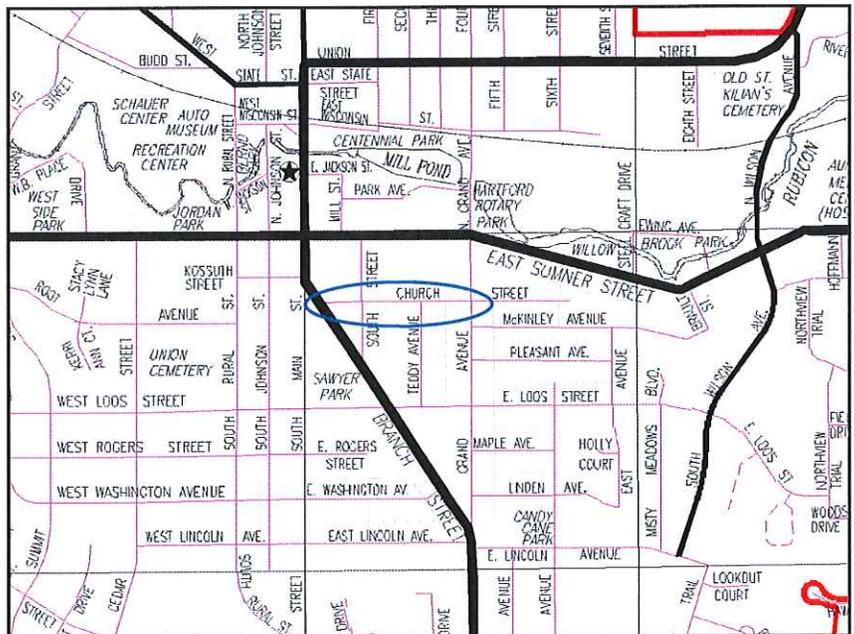
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Church Street Area Rebuild
Reference Number: 380-13-311

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	3000 L.F.		\$180,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$185,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Pleasant Avenue Area Rebuild

Department: Electric Utility

Reference Number: 380-13-313

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability in the Pleasant Avenue area.

PROJECT DESCRIPTION: Replace all poles, conductors, and transformers on Pleasant Avenue between Grand Avenue and East Avenue. Rebuild will be upgraded to meet the current construction standards.

PROJECT JUSTIFICATION: Poles in the area are aging and replacement will promote system reliability.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$105,000
Less Disposals					
NET COST					\$105,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

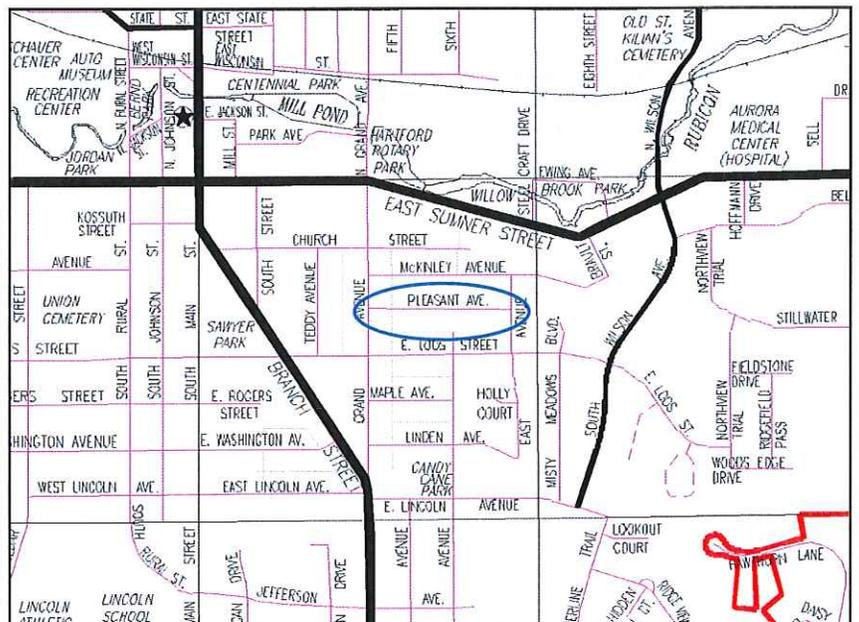
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Pleasant Avenue Area Rebuild

Reference Number: 380-13-313

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	2000 L.F.		\$100,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$105,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Circuit #22 Reconductor

Department: Electric Utility

Reference Number: 380-14-315

Division: Electric Utility

Fund: Electric Utility

PROJECT OBJECTIVE: Improve system reliability on the east side of Hartford along Highway 60.

PROJECT DESCRIPTION: Replace aging underground conductors along the railroad tracks between Wilson Avenue and Karen Court.

PROJECT JUSTIFICATION: Replacement will promote system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$182,000
Less Disposals					
NET COST					\$182,000

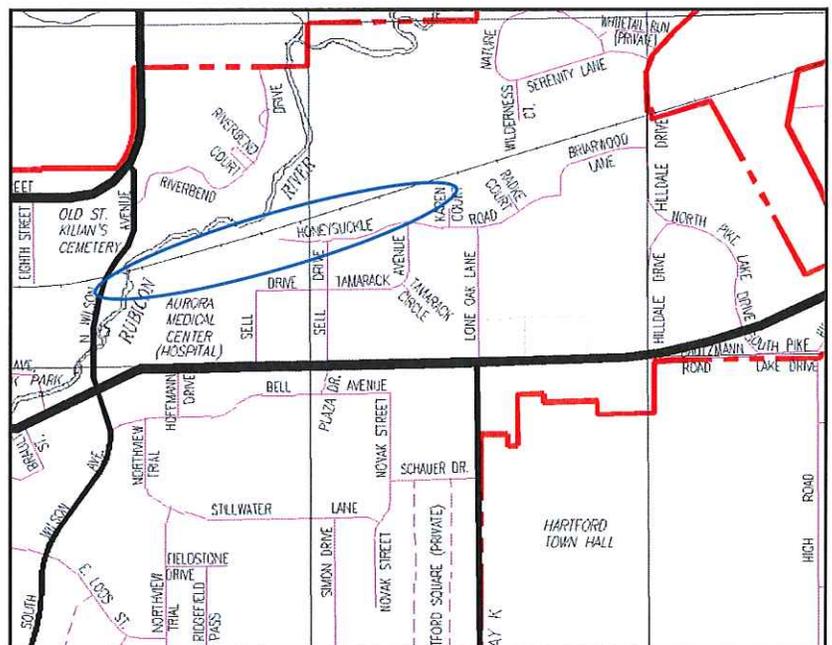
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

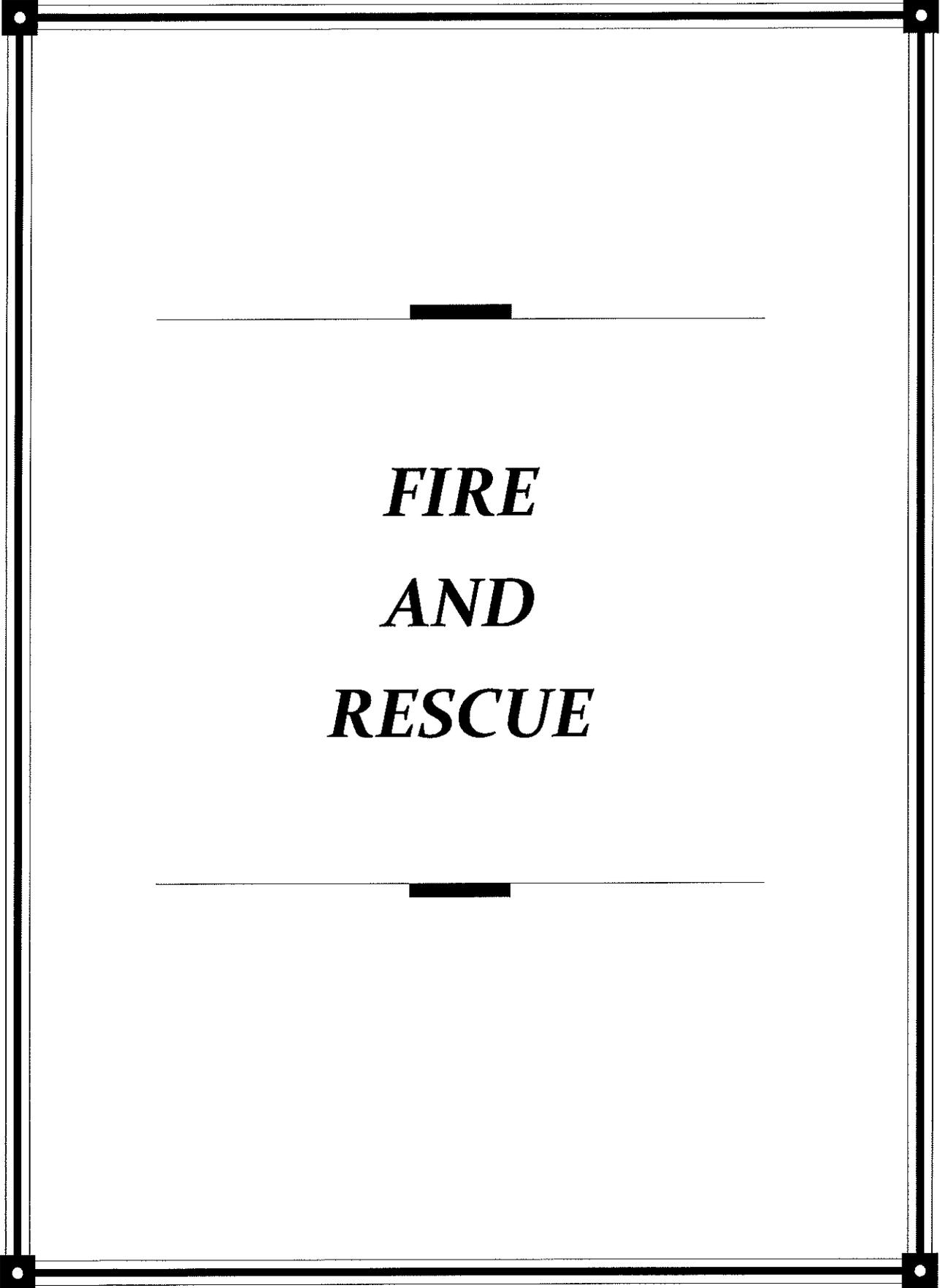
Circuit #22 Reconstructor

Reference Number: 380-14-315

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric	2700 L.F.		\$177,000	Retained Earnings
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$182,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2021





***FIRE
AND
RESCUE***

Dual Band Portable Radio Project

Department: Public Safety

Reference Number: 225-17-005

Division: Emergency Government

Fund: General

PROJECT OBJECTIVE: Replace the current VHF portable radios used by police and fire personnel with Dual VHR/700 MHz band portable radios.

PROJECT DESCRIPTION: Acquisition of Dual Band portable radios will enable police and fire personnel to broadcast and receive in either band by gaining the ability to utilize the 700MHz overlay system that is scheduled to go online in 2017.

PROJECT JUSTIFICATION: The current portable VHF radios continue to have serious deficiencies in the Hartford area. The addition of the 700MHz overlay system is designed to enhance in-building coverage and dead spot issues previously attributable largely to the lack of proximity to a system tower. Obtaining dual band portable radios that can operate in both bands will enable our public safety officials to communicate more consistently in routine and emergency situations, and will enhance public safety in our community.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$125,775 Fire & Rescue \$101,722 Police				
Less Disposals					
NET COST	\$227,497				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

Dual Band Portable Radio Project

Reference Number: 225-17-005

Cost	Per Unit	Total
Purchase Price	\$3,598	
Annual Rent		
Installation		
Other (Ear Pieces)	\$101	
TOTAL COSTS		\$227,497

Estimated Equipment Usage	
24	Hours Per Day
	Average Days Per Week
52	Weeks Per Year
5	Years in Service
\$45,499	Annual Capital Cost

Revenue Sources	
Tax Levy	\$227,497
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$227,497

Inventory and Replacement	
Similar Items in Inventory	HPD 28/HFD 39
Items Replaced	67
Age of Items	4 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Warning Siren Oriole Ponds

Department: Public Safety

Reference Number: 225-17-006

Division: Emergency Government

Fund: General

PROJECT OBJECTIVE: To provide adequate emergency warning for all parts of the City of Hartford during severe weather emergencies.

PROJECT DESCRIPTION: Purchase and install an omni-directional warning siren in the Oriole Ponds development and integrate it into our current emergency warning system.

PROJECT JUSTIFICATION: A siren coverage study was completed in 2016 and identified the area on the south side of the city as deficient in siren coverage in the area that includes the new subdivision and surrounding area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$17,000				
Less Disposals					
NET COST	\$17,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Warning Siren Oriole Ponds

Reference Number: 225-17-006

Cost	Per Unit	Total
Purchase Price		\$13,000
Annual Rent		
Installation		\$4,000
Other Costs		
TOTAL COSTS		\$17,000

Estimated Equipment Usage	
24	Hours Per Day
365	Average Days Per Week
52	Weeks Per Year
30	Years in Service
\$567	Annual Capital Cost

Revenue Sources	
Tax Levy	\$17,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$17,000

Inventory and Replacement	
Similar Items in Inventory	9
Items Replaced	
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Ambulance 1652 Replacement

Department: Public Safety

Reference Number: 230-13-015

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Provide emergency medical personnel with necessary equipment to provide top quality pre-hospital emergency medical care.

PROJECT DESCRIPTION: This is a scheduled replacement of ambulance 1652. 1652 is a 2007 Braun Ambulance. Cost includes installation of related equipment.

PROJECT JUSTIFICATION: Fire and Rescue responds to a multitude of calls for service in which an immediate and safe response is critical. This is a scheduled replacement of a vehicle that is 10 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$175,000				
Less Disposals	(\$10,000)				
NET COST	\$165,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Ambulance 1652 Replacement

Reference Number: 230-13-015

Cost	Per Unit	Total
Purchase Price		\$175,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$175,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
10	Years in Service
\$17,500	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$165,000
Other Revenues	
TOTAL SOURCES	\$165,000

Inventory and Replacement	
Similar Items in Inventory	2
Items Replaced	2007 Braun
Age of Items	10 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Grass Rig 1681 Replacement

Department: Public Safety

Reference Number: 250-14-049

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Maintain a safe, reliable fleet of vehicles that meets the current and future needs and demands of the department.

PROJECT DESCRIPTION: Replacement acquisition of a grass fire pick-up truck with the installation of related wildland firefighting equipment.

PROJECT JUSTIFICATION: Fire and Rescue responds to a multitude of calls for service in which an immediate and safe response is critical. This is a replacement of a vehicle that will be 45 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$70,000				
Less Disposals	(\$5,000)				
NET COST	\$65,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Grass Rig 1681 Replacement

Reference Number: 250-14-049

Cost	Per Unit	Total
Purchase Price		\$70,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$70,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
25	Years in Service
\$2,800	Annual Capital Cost

Revenue Sources	
Tax Levy	\$65,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$65,000

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	1
Age of Items	45 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Fire Engine 1661 Replacement

Department: Public Safety

Reference Number: 250-12-046

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Maintain a safe, reliable fleet of emergency response vehicles to meet the demands for fire and rescue services in this community.

PROJECT DESCRIPTION: Acquisition of pumper truck, installation of related equipment, and the sale of the truck being replaced.

PROJECT JUSTIFICATION: Fire and Rescue respond to a multitude of calls for service in which an immediate and safe response is critical. This is a scheduled replacement of a vehicle that will be 27 years old. Fire & Rescue schedules the replacement of vehicles of this type after 25 years of service.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$520,000			
Less Disposals		(\$15,000)			
NET COST		\$505,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Fire Engine 1661 Replacement

Reference Number: 250-12-046

Cost	Per Unit	Total
Purchase Price		\$520,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$520,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
25	Years in Service
\$20,800	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$505,000
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$505,000

Inventory and Replacement	
Similar Items in Inventory	3
Items Replaced	Engine 1661
Age of Items	27 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

SUV 1684 Replacement

Department: Public Safety

Reference Number: 250-14-050

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Maintain a safe, reliable fleet of vehicles that meets the needs and demands of the department.

PROJECT DESCRIPTION: Acquisition of an SUV with the installation of related emergency response equipment.

PROJECT JUSTIFICATION: Fire and Rescue responds to a multitude of calls for service in which an immediate and safe response is critical. This is a replacement of a vehicle that will be nearly 20 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$70,000			
Less Disposals		(\$2,000)			
NET COST		\$68,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

SUV 1684 Replacement

Reference Number: 250-14-050

Cost	Per Unit	Total
Purchase Price		\$70,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$70,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
20	Years in Service
\$3,500	Annual Capital Cost

Revenue Sources	
Tax Levy	\$68,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$68,000

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	1
Age of Items	19 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fire Station Office Roof Replacement

Department: Public Safety

Reference Number: 250-15-051

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Maintain City buildings to prevent more costly future expenses.

PROJECT DESCRIPTION: Remove ballast and old roof on Fire Station above offices and meeting room. Install new roof system and reuse existing ballast. New system shall have a minimum of a 10 year warranty.

PROJECT JUSTIFICATION: The current roof is over 20 years old and shows signs of deterioration. The replacement can save more costly repairs in the future.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$21,000		
Less Disposals					
NET COST			\$21,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fire Station Office Roof Replacement

Reference Number: 250-15-051

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings			\$21,000	GO Debt
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water (linear feet)				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$21,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Breathing Air Compressor Replacement

Department: Public Safety

Reference Number: 250-15-052

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Provide safe, efficient, reliable equipment to our personnel that minimizes downtime and maximizes productivity.

PROJECT DESCRIPTION: Replace the current breathing air compressor system with new 6000 psi compressor system, 3-cylinder fill station and 4 cylinder cascade system.

PROJECT JUSTIFICATION: The current compressor will be 28 years old and becoming less reliable. Parts are becoming more difficult to find.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$65,000		
Less Disposals					
NET COST			\$65,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

Breathing Air Compressor Replacement

Reference Number: 250-14-052

Cost	Per Unit	Total
Purchase Price		\$65,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$65,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
25	Years in Service
\$2,600	Annual Capital Cost

Revenue Sources	
Tax Levy	\$65,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$65,000

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	1
Age of Items	28 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

SCBA Replacement

Department: Public Safety

Reference Number: 250-15-053

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Provide firefighters with equipment necessary to safely and efficiently perform their duties.

PROJECT DESCRIPTION: Replace existing SCBA with NFPA compliant SCBA.

PROJECT JUSTIFICATION: Technology and safety standards have changed making our current SCBA non-compliant with current standards. SCBA may be the most important PPE that we can provide for our firefighters.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$335,000		
Less Disposals					
NET COST			\$335,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

SCBA Replacement

Reference Number: 250-14-053

Cost	Per Unit	Total
Purchase Price	\$8,375	\$335,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS	\$8,375	\$335,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
15	Years in Service
\$22,333	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$335,000
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$335,000

Inventory and Replacement	
Similar Items in Inventory	40
Items Replaced	40
Age of Items	15 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Fire/EMS Van Replacement

Department: Public Safety

Reference Number: 250-16-054

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Maintain a safe, reliable fleet of vehicles that meets the needs and demands of the department.

PROJECT DESCRIPTION: Acquisition of van/SUV type vehicle with installation of related first response equipment.

PROJECT JUSTIFICATION: Fire & Rescue responds to a multitude of calls for service in which an immediate and safe response is required. This is a scheduled replacement of a vehicle that will be 15 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$65,000	
Less Disposals				(\$3,500)	
NET COST				\$61,500	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Fire/EMS Van Replacement

Reference Number: 250-16-054

Cost	Per Unit	Total
Purchase Price		\$65,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$65,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
15	Years in Service
\$4,333	Annual Capital Cost

Revenue Sources	
Tax Levy	\$61,500
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$61,500

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	Van 1682
Age of Items	15 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Tender 1695 Replacement

Department: Public Safety

Reference Number: 250-17-055

Division: Fire & Rescue

Fund: General

PROJECT OBJECTIVE: Maintain a safe, reliable fleet of vehicles that meets the needs and demands of the department.

PROJECT DESCRIPTION:

PROJECT JUSTIFICATION: Fire & Rescue responds to a multitude of calls for service in which an immediate and safe response is required. This is a scheduled replacement of a vehicle that will be 40 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$265,000
Less Disposals					(\$5,000)
NET COST					\$260,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Tender 1695 Replacement

Reference Number: 250-17-055

Cost	Per Unit	Total
Purchase Price		\$265,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$265,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
25	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	\$260,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$260,000

Inventory and Replacement	
Similar Items in Inventory	2
Items Replaced	1
Age of Items	23/40 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2021

***OTHER
CITY
PROJECTS***

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Geographic Information System (GIS)

Reference Number: 604-10-003

Department: Planning & Zoning

Division: Planning & Zoning

Fund: General

Account: 675.134.524500.59501

PROJECT OBJECTIVE: Develop and implement centralized system to reduce labor demands associated with providing geographically based information.

PROJECT DESCRIPTION: Continue maintenance and enhancement of GIS, as per approved implementation plan through a continued consultant contract, data refinement, continued staff training, software licensing, software enhancements, and citizen use of web GIS application. Begin use of work flow and analysis tools to support efficiency gains in multiple City departments.

PROJECT JUSTIFICATION: Creation and maintenance of a GIS is in accordance with approved budget policies that place a high priority upon increasing the efficiency of service delivery. This mapping and database tool is needed to ensure continued high levels of service delivery, improve interdepartmental coordination of City service delivery, and provide additional data to the public.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$35,000	\$35,000	\$35,000	\$35,000	\$20,000
Less Disposals					
NET COST	\$35,000	\$35,000	\$35,000	\$35,000	\$20,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services	\$5,000	Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$5,000	TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Geographic Information System (GIS)

Reference Number: 604-10-003

Cost	Per Unit	Total
Purchase Price		\$160,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$160,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance—Info Systems	\$160,000
Other Revenues	
TOTAL SOURCES	\$160,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

NOTES: Funding proposed from Information Systems Fund and the three utilities. This portion of project funds represents the non-utility share only.

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Fiber Cable to Utility & DPW Buildings

Department: Information Systems

Reference Number: 675-16-009

Division: Telecommunications

Fund: General

PROJECT OBJECTIVE: To include the Utilities and DPW buildings in the City's fiber network.

PROJECT DESCRIPTION: Extend fiber cable for phone and data network to outlying buildings from Recreation Center or Fire Department.

PROJECT JUSTIFICATION: Decreased maintenance costs, increased data security, increased network reliability.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$40,000	
Less Disposals					
NET COST				\$40,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Fiber Cable to Utility & DPW Buildings

Reference Number: 675-16-009

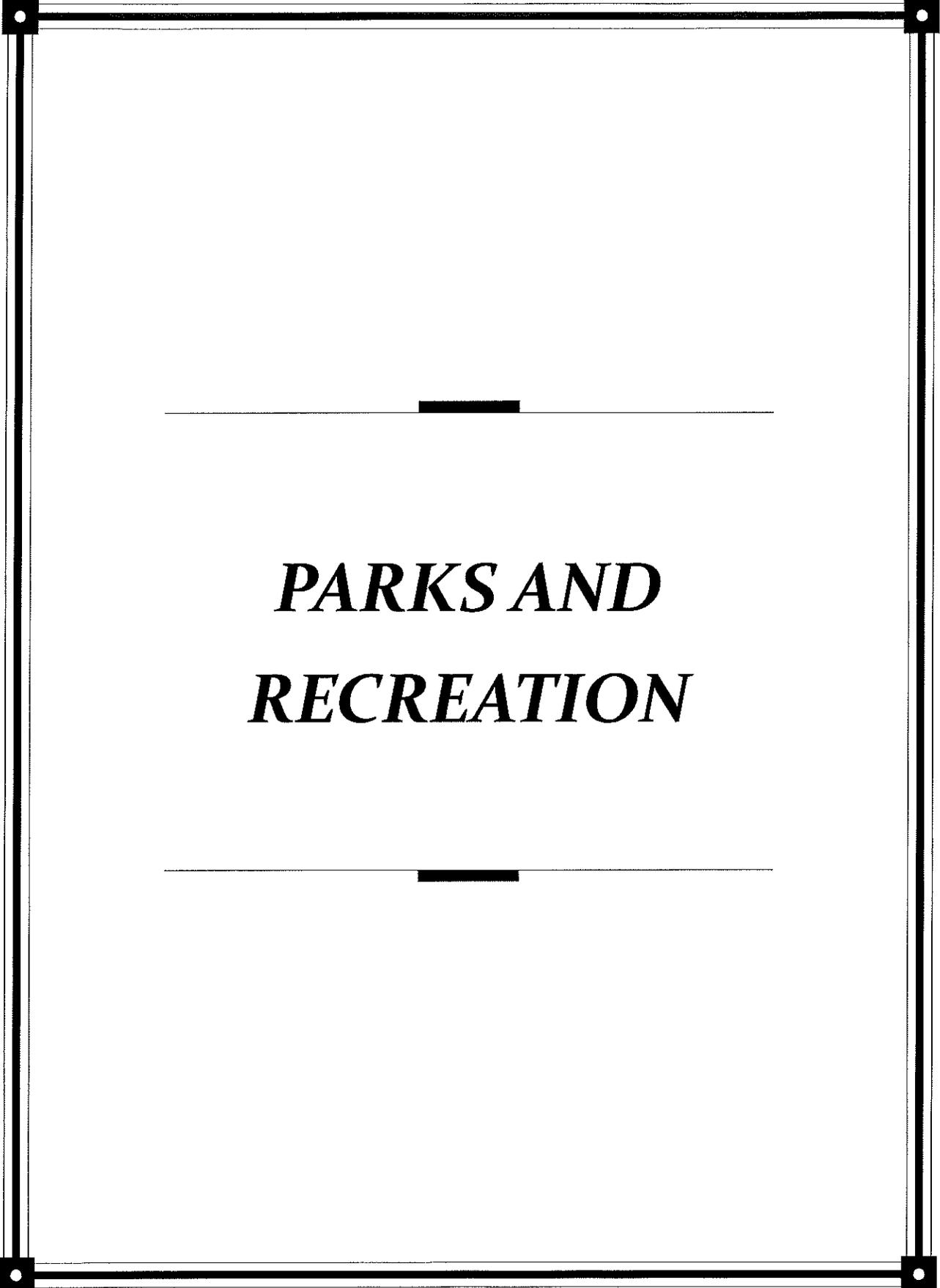
Cost	Per Unit	Total
Purchase Price		\$40,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$40,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance—Info Systems	\$40,000
Other Revenues	
TOTAL SOURCES	\$40,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020



***PARKS AND
RECREATION***

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017, 2019 & 2021 PROJECT YEARS

Taxi Minivan

Department: Parks & Recreation

Reference Number: 310-09-007

Division: Transportation

Fund: Transportation

PROJECT OBJECTIVE: Maintain safe and efficient fleet of taxi minivans to accommodate passenger needs.

PROJECT DESCRIPTION: Provide a taxi vehicle for support services. Current taxi vehicle runs seven days per week and has an annual mileage total of 54,000 miles of service. The minivan is wheelchair accessible designed and modified for taxi service.

PROJECT JUSTIFICATION: Replace one vehicle in the fleet having over 108,000 miles when replaced. This plan includes one vehicle being replaced approximately every two years. Maintain efficient service and reduce vehicle downtime and repairs. In 2013 Hartford was moved from Federal 5311 to 5307 funding as part of a new federal urbanized service district. This change makes grant funding unknown from year to year. However if opportunities are presented the City will apply and could receive up to 80% grant funding. The plan for budgeting is to reflect that every other year the City may receive a grant. The 2015 vehicle was grant funded. Years 2017 and 2019 are entirely city funded in this budget plan.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$40,000		\$40,000		\$40,000
Less Disposals	(\$1,000)		(\$1,000)		(\$1,000)
NET COST	\$39,000		\$39,000		\$39,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017, 2019 & 2021 PROJECT YEARS**

Taxi Minivan

Reference Number: 310-09-007

Cost	2017	2019	2021
Purchase Price	\$40,000	\$40,000	\$40,000
Annual Rent			
Installation			
Other Costs			
TOTAL COSTS	\$40,000	\$40,000	\$40,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	\$78,000
GO Debt	\$7,800
Special Assessments	
Trust/Donations	
Grants/Aids	\$31,200
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$117,000

Inventory and Replacement	
Similar Items in Inventory	2
Items Replaced	Minivan (ADA equipped)
Year	2011, 2014 & 2015
Current Mileage	95,000; 32,791; 2,657
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Administration Vehicle Replacement

Department: Parks & Recreation

Reference Number: 330-15-034

Division: Building Maintenance

Fund: Building Maintenance

PROJECT OBJECTIVE: Purchase a new vehicle to replace the 2002 Dodge Caravan that is used in support of City departments for administrative travel for meetings, workshops and conferences.

PROJECT DESCRIPTION: Purchase a 6-7 passenger vehicle such as a minivan or cross-over vehicle.

PROJECT JUSTIFICATION: The administrative van is scheduled and made available to all departments. The primary users are the Library, Police, Administration, and Parks & Recreation Departments. The current vehicle has 83,000 miles and due to age and lack of garage parking, the body condition is poor.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$22,000				
Less Disposals	(\$400)				
NET COST	\$21,600				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

Administration Vehicle Replacement

Reference Number: 330-15-034

Cost	Per Unit	Total
Purchase Price		\$22,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$22,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$21,600
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$21,600

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Year	
Current Mileage	80,000
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Independence Park Landfill

Reference Number: 501-95-012

Department: Parks & Recreation

Division: Parks

Fund: General

Account: 455-555-552165.56113

PROJECT OBJECTIVE: Provide a safe, clean recreational area at Independence Park.

PROJECT DESCRIPTION: Continue with soil and water tests to determine extent of clean-up required. Install a clean-up system as recommended by the consultant and approved by the DNR to eliminate soil and groundwater contamination and the future spread of pollutants.

PROJECT JUSTIFICATION: Mandated by State of Wisconsin. Site has approximately \$1,000,000 in park improvements and is used by 500 youth in soccer, 650 youth in baseball, summer playgrounds, picnic groups, etc.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Less Disposals					
NET COST	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Independence Park Landfill

Reference Number: 501-95-012

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$200,000	Parks Projects Fund
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$200,000	

PRIORITY		
Priority	Prior Year	Current Year
1	X	X
2		
3		
4		
Scheduled	2017	2017

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2020 PROJECT YEARS**

Emerald Ash Borer Tree Removal & Plantings for Parks/Cemeteries

Department: Parks & Recreation

Reference Number: 501-11-078

Division: Parks/Cemeteries

Fund: General

Account: 455.555.552160.59301

PROJECT OBJECTIVE: Ash tree management practices following the City of Hartford Emerald Ash Borer (EAB) Readiness Plan including selective ash tree removals, treatment, and new tree plantings. This is a multi-year plan to remove and plant new trees in the parks and cemeteries.

PROJECT DESCRIPTION: Based upon the 2010 tree inventory and the 2010 adopted EAB Readiness Plan, staff will be selecting specific trees to be removed. Contractors will be used for portions of work including removals and new tree plantings. Removed fifteen park ash trees to date in 2015/16. Estimate 125 removals and new tree plantings in the parks and cemeteries from 2017—2020.

PROJECT JUSTIFICATION: In 2008 the first EAB was detected. Emerald ash borer has been found in Washington County and was confirmed in Hartford in June of 2014. Tree removals, treatments, and new plantings will ensure that our parks are maintained with a healthy diversity of tree growth. The spread of EAB since 2008 continues with new outbreaks reported each year. Washington and Dodge counties have now been placed under quarantine with EAB and wood cannot cross county lines to prevent for the spreading of EAB. The treatment of 5 ash trees will be a bi-annual cost with an expected cost of \$1,500 and was started in 2015 and requested in the operations budget.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$15,000	\$15,000	\$15,000	\$15,000	
Less Disposals					
NET COST	\$15,000	\$15,000	\$15,000	\$15,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2020 PROJECT YEARS

Emerald Ash Borer Removal & Plantings for Parks/Cemeteries

Reference Number: 501-11-078

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$60,000	Fund Balance/Tax Levy
Buildings				(Property/Liability Insurance Fund)
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$60,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Rubicon River Trail Riverbend

Department: Parks & Recreation

Reference Number: 501-13-086

Division: Parks

Fund: General

PROJECT OBJECTIVE: Construction of asphalt trail, boardwalk and trail bridge for the Rubicon River Trail in the Riverbend section immediately behind the Sycamore Tree Day Care site.

PROJECT DESCRIPTION: Create a trail head with parking stalls leading to an asphalt trail which will continue as a 6' wide boardwalk and proceed to cross the Rubicon River. The river crossing will meet up with a 24 acre park site which borders the Rubicon River and continues to the northeast.

PROJECT JUSTIFICATION: The trailwork construction and bridge continues with proposed development listed in the 2007 Rubicon River Parkway development plans and 2012 Park and Open Space Plan. Portions of this project are proposed as donation through work and equipment purchased by a service organization or scout project. The portion for donation would be the boardwalk construction. Without the boardwalk completed the bridge and entire project should be planned and moved to a future year for development. At this time there is no group that has adopted the boardwalk portion of the project. The estimated \$29,450 for the boardwalk is the price based on a construction contract installation.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$79,450				
Less Disposals					
NET COST	\$79,450				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Rubicon River Trail Riverbend

Reference Number: 501-13-086

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement (Bridge)			\$45,000	GO Debt/Donation
Buildings				
Roadway (Asphalt Trail/Parking)			\$5,000	GO Debt
Sidewalk (Boardwalk)	500'	\$58.90/foot	\$29,450	GO Debt/Donation
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$79,450	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		
4	X	X
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Centennial Park Restroom Building

Department: Parks & Recreation

Reference Number: 501-13-087

Division: Parks

Fund: General

PROJECT OBJECTIVE: Provide restroom facilities within the park area at Centennial Park.

PROJECT DESCRIPTION: Construct a stand alone restroom structure to serve Centennial and Rotary Parks. This will be a minimal sized facility that has both a men's and women's restroom. Options including prefabricated buildings will be considered. Model price design estimate for Huffcutt RR-200.

PROJECT JUSTIFICATION: Public requests and Park & Recreation Commission input requesting the park provide this service has been included in the Park and Open Space Plans to improve the parks functions.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$78,125				
Less Disposals					
NET COST	\$78,125				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost	\$750	Taxes	
Contract Services		Increments	
Materials/Supplies	\$100	Fines/Fees/Costs	
Depreciation		User Charges	
Utilities	\$400	Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$1,250	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Centennial Park Restroom Building

Reference Number: 501-13-087

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings			\$69,125	GO Debt
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric			\$2,000	GO Debt
Water			\$2,000	GO Debt
Sanitary Sewer			\$2,000	GO Debt
Equipment				
Engineering/Arch.			\$3,000	GO Debt
Force Labor				
Contingencies				
TOTAL PROJECT			\$78,125	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR**

Tennis & Basketball Court Resurfacing

Department: Parks & Recreation

Reference Number: 501-15-092

Division: Parks

Fund: General

PROJECT OBJECTIVE: Maintain the tennis court surface for the Willowbrook Park tennis and basketball courts.

PROJECT DESCRIPTION: Surface will be cleaned and prepared for a new surface recoat. Any repairs and low areas will be patched. Apply one coat of acrylic resurfacer base coat, apply 2 coats acrylic color coat system, and stripe all lines.

PROJECT JUSTIFICATION: The color recoating is to be on a 5 to 7 year schedule. When not done the asphalt base is subject to deterioration. Recoats improve the surface play quality. The last recoat was done in 2011. The new recoat will have additional expense for adding pickleball court lines.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$26,000				
Less Disposals					
NET COST	\$26,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Tennis & Basketball Court Resurface

Reference Number: 501-15-092

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$26,000	Parks Projects Fund
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$26,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Independence Park Backstops

Reference Number: 501-15-096

Department: Parks & Recreation

Division: Parks/Cemeteries

Fund: General

Account: 420.420.574701.59301

PROJECT OBJECTIVE: Replace existing backstops on the west, north and east baseball/softball diamonds. Improve safety for spectators.

PROJECT DESCRIPTION: Remove the existing backstops and install larger backstops (40' x 10' x 40' x 30'). Include a net canopy in addition to the extended chain link backstop fence.

PROJECT JUSTIFICATION: The existing backstops were designed and installed for slow pitch softball. These diamonds are used for all youth level ages in particular fast pitch and the 10' x 10' x 10' x 12' backstops do not provide safe backdrop to foul tipped balls. Netting has been added but has drawbacks.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$17,000				
Less Disposals					
NET COST	\$17,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES		TOTAL REVENUE	

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Independence Park Backstops

Reference Number: 501-15-096

Cost	Per Unit	Total
Purchase Price	\$17,000	\$17,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS	\$17,000	\$17,000

Estimated Equipment Usage	
4	Hours Per Day
5	Average Days Per Week
20	Weeks Per Year
25	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$17,000
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$17,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Year	28 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Centers Parking Lot Repairs

Department: Parks & Recreation

Reference Number: 550-15-039

Division: Buildings

Fund: General

PROJECT OBJECTIVE: Maintain the public parking lot.

PROJECT DESCRIPTION: Asphalt patch areas that are failing. Sealcoat entire surface.

PROJECT JUSTIFICATION: Heavily used public parking lot in support of Recreation Center, Schauer Center, Auto Museum, downtown events and businesses.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$42,500				
Less Disposals					
NET COST	\$42,500				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Centers Parking Lot Repairs

Reference Number: 501-15-039

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	15,000 sq yds	\$2.50/yard	\$37,500	GO Debt
Asphalt Patching			\$5,000	GO Debt
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$42,500	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR**

Cemetery Columbarium

Department: Parks & Recreation

Reference Number: 401-14-010

Division: Cemeteries

Fund: General

PROJECT OBJECTIVE: Provide an above ground columbarium (burial vault) at Pleasant Hill Cemetery.

PROJECT DESCRIPTION: Purchase and install an 80 niche (160 urn) space pre-assembled granite columbarium. The unit would be placed at Pleasant Hill Cemetery.

PROJECT JUSTIFICATION: The City manages two public cemeteries and neither provide above ground cremation burial niches. The columbarium will offer burial options for cremation interments. There is space savings to the cemetery grounds. Upon full sale of niches the unit will be paid including additional fees to cover perpetual care to the site.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$34,000			
Less Disposals					
NET COST		\$34,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	\$34,000
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$34,000

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cemetery Columbarium

Reference Number: 401-14-010

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$4,000	Tax Levy
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment			\$30,000	Tax Levy
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$34,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		
4	X	X
Scheduled	2018	2018

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Veterans Park Playground

Department: Parks & Recreation

Reference Number: 501-14-089

Division: Parks

Fund: General

PROJECT OBJECTIVE: Replace the Gerber Leisure playground system at Veterans Memorial Park and other individual play climbers and swings.

PROJECT DESCRIPTION: Remove the existing equipment, excavate area for a new system. Install a new themed play unit. The construction of a new aquatic center will occupy a portion of the current playground area.

PROJECT JUSTIFICATION: The Gerber Leisure play system was installed in 1995. The 2015/16 pool reconstruction will eliminate some smaller equipment. The main play system will be 21 years old and will be near life expectancy. The new install will be designed to better fit into the balance of Vet's parkland as the pool project will have changed the land available for playground and general park activity.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$60,000			
Less Disposals					
NET COST		\$60,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Veterans Park Playground

Reference Number: 501-14-089

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$25,000	Parks Projects Fund
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment			\$35,000	Parks Projects Fund
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$60,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Pool Pac Replacement

Department: Parks & Recreation

Reference Number: 550-13-034

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Remove and replace the pool pac units that provide the Signicast Family Aquatic Center with ventilation, heat recovery and dehumidification.

PROJECT DESCRIPTION: Work to include removal of all existing equipment and installation of a new unit. The work requires knocking out of a masonry exterior wall in order to install a new unit and rebuilding of the wall.

PROJECT JUSTIFICATION: A properly working ventilation and dehumidification is critical for indoor pools to provide swimmer comfort and for proper air quality. The unit also provides pool heating. Problems with air humidity will result in damage to building/equipment within the pool area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$190,000			
Less Disposals					
NET COST		\$190,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

Pool Pac Replacement

Reference Number: 550-13-034

Cost	Per Unit	Total
Purchase Price		\$150,000
Annual Rent		
Installation		\$25,000
Demolition/Repairs		\$15,000
TOTAL COSTS		\$190,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
18	Years in Service
\$10,556	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance—Recreation Fund	\$190,000
Other Revenues	
TOTAL SOURCES	\$190,000

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Pool Pac
Age of Items	Current unit installed in 2000
Down Time	3 to 4 weeks
Down Cost	Since 2000, \$35,000 in repairs

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR**

Recreation Center Fitness Selectorized

Department: Parks & Recreation

Reference Number: 550-14-035

Division: Recreation

Fund: General

PROJECT OBJECTIVE: Provide the Recreation Center cardio/free weight areas with updated selectorized weight stack machines.

PROJECT DESCRIPTION: The project is to replace the existing Magnum selectorized equipment (13 stations) with a new updated manufacturer line.

PROJECT JUSTIFICATION: Maintaining a high quality line of equipment encourages new memberships, growth and membership revenue. The fitness center is a heavily utilized area of the Recreation Center. Updates will address improved design, equipment safety, and ADA accessibility.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$35,000			
Less Disposals		(\$2,600)			
NET COST		\$32,400			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Recreation Center Fitness Selectorized

Reference Number: 550-14-035

Cost	Per Unit	Total
Purchase Price		\$35,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$35,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance—Recreation Fund	\$32,400
Other Revenues	
TOTAL SOURCES	\$32,400

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	13 Stations
Age of Items	Majority purchased in 2000
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR**

Parks Compact Pick-Up Truck

Department: Parks & Recreation

Reference Number: 501-15-093

Division: Parks

Fund: General

PROJECT OBJECTIVE: Purchase a new work truck for maintenance activities in the Parks operations to replace the 1999 GMC Sonoma work truck.

PROJECT DESCRIPTION: Purchase a new compact pick-up truck with work-related job features and attachments.

PROJECT JUSTIFICATION: The vehicle is used for travel to all park sites and transports tools, ladders, and equipment used in buildings and grounds repairs. The current vehicle when replaced will be 20 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$20,000		
Less Disposals			(\$400)		
NET COST			\$19,600		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Parks Compact Pick-Up Truck

Reference Number: 501-15-093

Cost	Per Unit	Total
Purchase Price		\$20,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$20,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	\$19,600
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$19,600

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	GMC Sonoma 1/4 Ton Pick-up
Year	1999 with 45,000 miles, 20 years old
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

West Side Park Playground

Department: Parks & Recreation

Reference Number: 501-15-094

Division: Parks

Fund: General

PROJECT OBJECTIVE: Replace the existing play structure with a new playground.

PROJECT DESCRIPTION: Remove the existing 1996 park structure play unit and update it with a new structure. Install a poured in-place rubber safety surface under the playground equipment.

PROJECT JUSTIFICATION: The current structure's age and condition are deteriorating.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$40,000		
Less Disposals					
NET COST			\$40,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

West Side Park Playground

Reference Number: 501-15-094

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$40,000	Parks Projects Fund
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment/Installation				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$40,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR**

City Hall Lower Level Renovations

Department: Parks & Recreation

Reference Number: 330-16-035

Division: Building Maintenance

Fund: Building Maintenance

PROJECT OBJECTIVE: Improve the lower level areas including City Hall Council Chambers, small meeting room, west entrance with updates to finishes.

PROJECT DESCRIPTION: Renovate wall coverings, replace carpeting, finishes, lighting designs/ colors to match 2015 renovations.

PROJECT JUSTIFICATION: Some outdated finishes are failing. Improve appearance of the area and complete to match with the City Hall 2015 renovations.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$55,000	
Less Disposals					
NET COST				\$55,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

City Hall Lower Level Renovations

Reference Number: 330-16-035

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$55,000	Tax Levy
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment/Installation				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$55,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

One Ton Dump Truck

Department: Parks & Recreation

Reference Number: 401-15-011

Division: Cemeteries

Fund: General

PROJECT OBJECTIVE: Replace the 2005 one ton dump truck used in the maintenance operations for cemetery burials and parks projects.

PROJECT DESCRIPTION: Purchase a new one ton dump truck.

PROJECT JUSTIFICATION: The Parks Cemetery Division has a single one ton dump truck. In 2019 the truck to be replaced will be 15 years old.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$47,000	
Less Disposals				(\$5,000)	
NET COST				\$42,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

One Ton Dump Truck

Reference Number: 401-15-011

Cost	Per Unit	Total
Purchase Price		\$47,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$47,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	\$42,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$42,000

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	2005 GMC
Age of Items	15 years old
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Millpond Bulkhead Repair & Dredging

Department: Parks & Recreation

Reference Number: 501-16-097

Division: Parks

Fund: General

PROJECT OBJECTIVE: Maintain a safe and environmentally friendly shoreline for the Hartford Millpond. Also to maintain the depth of the Millpond.

PROJECT DESCRIPTION: Remove existing wall on north shoreline and design with a combination of a modular block wall and stone rip rap. Install a new 8 foot wide asphalt path along north shoreline. Dredge the bottom of the pond to remove the accumulated sediment.

PROJECT JUSTIFICATION: The 2000, 2007, and 2014 wall repairs found deterioration in the tie-back cables. The existing wall was built in 1981. New areas of wall failure have been observed on the north wall. During the 2014 wall construction it was determined there is about 4 feet of sediment that has accumulated on the pond bottom since 1981.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$1,060,000	
Less Disposals					
NET COST				\$1,060,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Millpond Bulkhead Repair & Dredging

Reference Number: 501-16-097

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement—repairs to bulkhead & dredging			\$975,500	GO Debt
Buildings				
Asphalt—Rubicon Trail	975 Feet	\$20	\$19,500	GO Debt
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment/Installation				
Engineering/Arch.			\$15,000	GO Debt
Force Labor				
Contingencies			\$50,000	GO Debt
TOTAL PROJECT			\$1,060,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2020	2020

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Pool Pac Replacement for Therapy Pool

Department: Parks & Recreation

Reference Number: 550-16-040

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Replace the 20 year old therapy pool air circulation and conditioning unit.

PROJECT DESCRIPTION: Remove and replace the therapy pool ventilation heat recovery and dehumidification unit with a new system.

PROJECT JUSTIFICATION: Proper ventilation of air space. Air quality for summer safety. Proper heat and cooling of air space.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$45,000	
Less Disposals					
NET COST				\$45,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Pool Pac Replacement for Therapy Pool

Reference Number: 550-16-040

Cost	Per Unit	Total
Purchase Price		\$35,000
Annual Rent		
Installation		\$10,000
Repairs		
TOTAL COSTS		\$45,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
20	Years in Service
\$2,250	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance—Recreation Fund	\$45,000
Other Revenues	
TOTAL SOURCES	\$45,000

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Pool Pac
Age of Items	Current unit installed in 1999
Down Time	1 week
Down Cost	\$2,000

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Veterans Park Picnic Shelter

Department: Parks & Recreation

Reference Number: 501-17-098

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Install a new shelter at Veterans Park.

PROJECT DESCRIPTION: Install a 20' x 28' open shelter with metal roof. Underside decking tongue/groove yellow pine. Include electrical service outlets for picnic activities, security lights, concrete slab surface, picnic tables, grills.

PROJECT JUSTIFICATION: The new Veterans Memorial Aquatic Center eliminated the only general use open shelter. It was used for rentals and as a headquarters for July 4th events. The ice rink warming house was also removed as part of the new aquatic center project leaving no building structures.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$50,000
Less Disposals					
NET COST					\$50,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Veterans Park Picnic Shelter

Reference Number: 501-17-098

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings—Shelter	20' x 28'		\$38,000	GO Debt
Roadway				
Sidewalk			\$4,000	GO Debt
Curb/Gutter				
Storm Sewer				
Lighting				
Electric			\$4,000	GO Debt
Water				
Sanitary Sewer			\$4,000	GO Debt
Equipment/Installation				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$50,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2021

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Riding Mower 16' Cut

Department: Parks & Recreation

Reference Number: 501-17-099

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Purchase a new riding lawn mower having a 16' cutting deck(s).

PROJECT DESCRIPTION: Replace the 2006 Toro 580D 16' cut riding mower with a new unit.

PROJECT JUSTIFICATION: The current unit is expected to have over 5,000 operation hours in 2021 when replaced. This is the largest mower used to cut the largest parkland sites including sport fields and also the Hartford Airport. Breakdowns with aged equipment requires expensive and more frequent repairs causing for operational issues during times when needed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$66,000
Less Disposals					(\$6,000)
NET COST					\$60,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Riding Mower 16' Cut

Reference Number: 501-17-099

Cost	Per Unit	Total
Purchase Price		\$66,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$66,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$60,000
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$60,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	2006 Toro 580D
Age of Items	
Down Time	2 weeks in 2016
Down Cost	\$4,000 in 2016

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2021

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Veterans Memorial Aquatic Center Pool Painting

Department: Parks & Recreation

Reference Number: 550-17-041

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Repaint the lazy river vessel and main pool vessel.

PROJECT DESCRIPTION: Work includes the labor and materials to repaint the entire pools surfaces. Includes all markings including lane lines, depth change markings. Two coats of paint coverage.

PROJECT JUSTIFICATION: Maintaining the proper coating projects the concrete vessel, ensures a safe surface for patrons and will improve maintenance cleaning when completed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$25,000
Less Disposals					
NET COST					\$25,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Veterans Memorial Aquatic Center Pool Painting

Reference Number: 550-17-041

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings—Pools			\$25,000	Tax Levy
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment/Installation				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$25,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2021

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Recreation Center New Roof Cover

Department: Parks & Recreation

Reference Number: 550-17-042

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Replace the ballasted rubber roof and additionally increase with two inches of insulation.

PROJECT DESCRIPTION: Labor and materials to remove existing stone and rubber roof, membrane. Place an additional 2 inch insulation membrane for increased R-factor. Install a new rubber roof with stone ballast.

PROJECT JUSTIFICATION: Protect the interior of the facility, finishes and equipment with a roof that will not fail/leak.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$225,000
Less Disposals					
NET COST					\$225,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Recreation Center New Roof Cover

Reference Number: 550-17-042

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings			\$225,000	Tax Levy
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment/Installation				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$225,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2021

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Signicast Aquatic Center Resurface

Department: Parks & Recreation

Reference Number: 550-17-043

Division: Recreation Center

Fund: General

PROJECT OBJECTIVE: Refinish the Signicast Family Aquatic Center main pool vessel and therapy pool.

PROJECT DESCRIPTION: Labor and materials to resurface the quartz aggregate surface. Work will include necessary surface repairs and preparations to place a new layer of quartz aggregate. All pool joints will be re-caulked and deck joints.

PROJECT JUSTIFICATION:

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$34,875
Less Disposals					
NET COST					\$34,875

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Signicast Aquatic Center Resurface

Reference Number: 550-17-043

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings—Pool Resurface	4250 sq ft	\$7.50/sq ft	\$31,875	Tax Levy
Roadway				
Sidewalk—Caulk Joints			\$3,000	Tax Levy
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment/Installation				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$34,875	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2021

POLICE
DEPARTMENT

**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017, 2019 & 2021 PROJECT YEARS**

Police Patrol Vehicle—Squad #3

Reference Number: 201-95-001

Department: Public Safety

Division: Police

Fund: General

Account: 100.201.521200.59501

PROJECT OBJECTIVE: To maintain a sufficient and safe number of fleet vehicles in order to meet the demands for police services in this community.

PROJECT DESCRIPTION: Acquisition of police patrol vehicle, installation of related equipment, and sale of replacement patrol vehicle.

PROJECT JUSTIFICATION: In 1995, the Common Council approved a two-year rotation policy for marked patrol vehicles. Lower maintenance costs and higher trade-in allowances, as well as officer safety factors, were noted. The police respond to a multitude of calls for service in which immediate and safe response is critical. Motorization and fleet management enormously enhance the line power of the patrol division through increased mobility. Many agencies across the country have already fully converted their fleets to the SUV version of the Police Interceptor. This may ultimately be necessary here as well. A single squad is being converted at this time to serve as a supervisory vehicle to ensure that necessary equipment (i.e., rams, pry tools, ballistic shields, etc.) that currently does not fit inside the sedan Interceptors can be mobile and readily accessible if needed on patrol. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$29,825		\$29,825		
Less Disposals	(\$7,000)		(\$7,000)		
NET COST	\$22,825		\$22,825		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017, 2019 & 2021 PROJECT YEARS

Police Patrol Vehicle

Reference Number: 201-95-001

Cost	2017	2019	2019
Purchase Price	\$29,500	\$29,500	\$29,500
Lighting/Equipment	\$5,100	\$0	\$0
Equipment Installation	\$1,500	\$1,500	\$1,500
Graphics	\$300	\$300	\$300
Mobile Radio	\$5,100	\$0	\$0
Miscellaneous	\$500	\$500	\$500
TOTAL COSTS	\$42,000	\$31,800	\$31,800

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
2	Years in Service
\$21,000	ANNUAL CAPITAL COST

Revenue Sources			
	2017	2019	2021
Tax Levy	\$35,000	\$22,800	\$22,800
GO Debt			
Special Assmts			
Trust/Donations			
Grants/Aids			
Fund Balance			
Other Revenues			
TOTAL SOURCES	\$35,000	\$22,800	\$22,800

Inventory and Replacement	
Similar Items in Inventory	5
Items Replaced	2015 Ford Interceptor
Age of Items	2 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



(current storage space)



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**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017, 2019 & 2021 PROJECT YEARS**

Police Patrol Vehicle—Squad #5

Reference Number: 201-95-002

Department: Public Safety

Division: Police

Fund: General

Account: 100.201.521200.59501

PROJECT OBJECTIVE: To maintain a sufficient and safe number of fleet vehicles in order to meet the demands for police services in this community.

PROJECT DESCRIPTION: Acquisition of police patrol vehicle, installation of related equipment, and sale of replacement patrol vehicle.

PROJECT JUSTIFICATION: In 1995, the Common Council approved a two-year rotation policy for marked patrol vehicles. Lower maintenance costs and higher trade-in allowances, as well as officer safety factors, were noted. The police respond to a multitude of calls for service in which immediate and safe response is critical. Motorization and fleet management enormously enhance the line power of the patrol division through increased mobility. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$35,000		\$29,300		\$29,300
Less Disposals	(\$7,000)		(\$7,000)		(\$7,000)
NET COST	\$28,000		\$22,300		\$22,300

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017, 2019 & 2021 PROJECT YEARS

Police Patrol Vehicle

Reference Number: 201-95-002

Cost	2017	2019	2021
Purchase Price	\$27,000	\$27,000	\$27,000
Console	\$600	\$0	\$0
Equipment Installation	\$1,500	\$1,500	\$1,500
Graphics	\$300	\$300	\$300
Mobile Radio	\$5,100	\$0	\$0
Miscellaneous	\$500	\$500	\$500
TOTAL COSTS	\$35,000	\$29,300	\$29,300

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
2	Years in Service
\$17,500	ANNUAL CAPITAL COST

Revenue Sources			
	2017	2019	2021
Tax Levy	\$28,000	\$22,300	\$22,300
GO Debt			
Special Assmts			
Trust/Donations			
Grants/Aids			
Fund Balance			
Other Revenues			
TOTAL SOURCES	\$28,000	\$22,300	\$22,300

Inventory and Replacement	
Similar Items in Inventory	5
Items Replaced	2015 Ford Interceptor
Age of Items	2 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR**

Utility Vehicle (Full Size/Four Wheel Drive) - Squad #9

Department: Public Safety

Reference Number: 201-11-024

Division: Police

Fund: General

PROJECT OBJECTIVE: To maintain the use of a 4WD utility vehicle that is used by the department K9 Officer in order to meet the drug enforcement needs in the community and surrounding area.

PROJECT DESCRIPTION: This vehicle is a full sized 4WD SUV and will be used exclusively by the department's K9 Officer. It will be fully equipped for patrol purposes and specifically outfitted to transport the department's K9, necessary K9 equipment, and prisoners.

PROJECT JUSTIFICATION: Due to the acquisition of a department K9 in 2012, this purchase has become necessary. The vehicle will be used by the department's K9 Officer while on duty and for transport to and from the officer's residence. In order to accommodate space needs for a K9 and prisoners, a full-sized SUV is appropriate for this purchase. There is a five-year rotation planned for this vehicle. The initial expenses for this project were funded equally through donations by local businesses, civic organizations, individuals, and a matching grant funding from Quad Graphics and the Windhover Foundation. We were able to apply the remaining funds from the capital campaign to offset the cost of this vehicle in 2017. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$51,750				
Less Disposals	(\$7,000)				
NET COST	\$44,750				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Utility Vehicle (Full Size/Four Wheel Drive)

Reference Number: 201-11-024

Cost	2017
Purchase Price	\$34,000
Equipment Installation	\$2,350
Graphics/Paint	\$1,600
Mobile Radio	\$5,100
Mobile Data Computer	\$3,850
Mobile Video Recorder	\$3,600
Push Bumper	\$750
Miscellaneous	\$500
TOTAL COSTS	\$51,750

Estimated Equipment Usage	
10	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
5	Years in Service
\$10,350	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	
GO Debt	
Special Assmts	
Trust/Donations	\$44,750
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$44,750

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	2012 Ford Expedition
Age of Items	5 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

CAD Server Replacement

Department: Public Safety

Reference Number: 201-14-028

Division: Police

Fund: General

PROJECT OBJECTIVE: To replace the current server being used to facilitate the Computer Aided Dispatch and Records Management function of the Police Department.

PROJECT DESCRIPTION: To acquire a replacement server for the Police Department.

PROJECT JUSTIFICATION: This item is being replaced per a regular rotation to ensure the continuity of operations as technology ages and becomes less compatible. This project was originally slated for completion in 2014. However, we have extended the life of the current CAD server since that time. This project was originally budgeted at \$18,898, but due to technological advances and the development of Cloud storage and computing the project cost has been reduced by \$7,510. While this has been financially beneficial, it has also added to the criticality of this project in 2017.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$11,388				
Less Disposals					
NET COST	\$11,388				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

CAD Server Replacement

Reference Number: 201-14-028

Cost	2017
Purchase Price	\$6,753
Equipment Installation	\$3,600
Other Costs	\$1,035
TOTAL COSTS	\$11,388

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
5	Years in Service
\$2,278	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	
GO Debt	\$11,388
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$11,388

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	CAD Server
Age of Items	7 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2020 PROJECT YEARS

Police Patrol Vehicle Squad #1

Reference Number: 201-95-003

Department: Public Safety

Division: Police

Fund: General

Account: 100.201.521200.59501

PROJECT OBJECTIVE: To maintain a sufficient and safe number of fleet vehicles in order to meet the demands for police services in this community.

PROJECT DESCRIPTION: Acquisition of police patrol vehicle, installation of related equipment, and sale of replacement patrol vehicle.

PROJECT JUSTIFICATION: In 1995, the Common Council approved a two-year rotation policy for marked patrol vehicles. Lower maintenance costs and higher trade-in allowances, as well as officer safety factors, were noted. The police respond to a multitude of calls for service in which immediate and safe response is critical. Motorization and fleet management enormously enhance the line power of the patrol division through increased mobility. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$35,000		\$29,300	
Less Disposals		(\$7,000)		(\$7,000)	
NET COST		\$28,000		\$22,300	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2020 PROJECT YEARS

Police Patrol Vehicle

Reference Number: 201-95-003

Cost	2018	2020
Purchase Price	\$27,000	\$27,000
Console	\$600	\$0
Equipment Installation	\$1,500	\$1,500
Graphics	\$300	\$300
Mobile Radio	\$5,100	\$0
Miscellaneous	\$500	\$500
TOTAL COSTS	\$35,000	\$29,300

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
2	Years in Service
\$17,500	ANNUAL CAPITAL COST

Revenue Sources		
	2018	2020
Tax Levy	\$28,000	\$22,300
GO Debt		
Special Assmts		
Trust/Donations		
Grants/Aids		
Fund Balance		
Other Revenues		
TOTAL SOURCES	\$28,000	\$22,300

Inventory and Replacement	
Similar Items in Inventory	5
Items Replaced	2016 Ford Interceptor
Age of Items	2 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2020 PROJECT YEARS

Police Patrol Vehicle Squad #2

Reference Number: 201-95-004

Department: Public Safety

Division: Police

Fund: General

Account: 100.201.521200.59501

PROJECT OBJECTIVE: To maintain a sufficient and safe number of fleet vehicles in order to meet the demands for police services in this community.

PROJECT DESCRIPTION: Acquisition of police patrol vehicle, installation of related equipment, and sale of replacement patrol vehicle.

PROJECT JUSTIFICATION: In 1995, the Common Council approved a two-year rotation policy for marked patrol vehicles. Lower maintenance costs and higher trade-in allowances, as well as officer safety factors, were noted. The police respond to a multitude of calls for service in which immediate and safe response is critical. Motorization and fleet management enormously enhance the line power of the patrol division through increased mobility. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$35,000		\$29,300	
Less Disposals		(\$7,000)		(\$7,000)	
NET COST		\$28,000		\$22,300	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2020 PROJECT YEARS

Police Patrol Vehicle

Reference Number: 201-95-004

Cost	2018	2020
Purchase Price	\$27,000	\$27,000
Console	\$600	\$0
Equipment Installation	\$1,500	\$1,500
Graphics	\$300	\$300
Mobile Radio	\$5,100	\$0
Miscellaneous	\$500	\$500
TOTAL COSTS	\$35,000	\$29,300

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
2	Years in Service
\$17,500	ANNUAL CAPITAL COST

Revenue Sources		
	2018	2020
Tax Levy	\$28,000	\$22,300
GO Debt		
Special Assmts		
Trust/Donations		
Grants/Aids		
Fund Balance		
Other Revenues		
TOTAL SOURCES	\$28,000	\$22,300

Inventory and Replacement	
Similar Items in Inventory	5
Items Replaced	2016 Ford Interceptor
Age of Items	2 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2020 PROJECT YEARS

Police Patrol Vehicle Squad #4

Reference Number: 201-00-009

Department: Public Safety

Division: Police

Fund: General

Account: 100.201.521200.59501

PROJECT OBJECTIVE: To maintain a sufficient and safe number of fleet vehicles in order to meet the demands for police services in this community.

PROJECT DESCRIPTION: Acquisition of police patrol vehicle, installation of related equipment, and sale of replacement patrol vehicle.

PROJECT JUSTIFICATION: In 1995, the Common Council approved a two-year rotation policy for marked patrol vehicles. Lower maintenance costs and higher trade-in allowances, as well as officer safety factors, were noted. The police respond to a multitude of calls for service in which immediate and safe response is critical. Motorization and fleet management enormously enhance the line power of the patrol division through increased mobility. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$35,000		\$29,300	
Less Disposals		(\$7,000)		(\$7,000)	
NET COST		\$28,000		\$22,300	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 & 2020 PROJECT YEARS

Police Patrol Vehicle

Reference Number: 201-00-009

Cost	2018	2020
Purchase Price	\$27,000	\$27,000
Console	\$600	\$0
Equipment Installation	\$1,500	\$1,500
Graphics	\$300	\$300
Mobile Radio	\$5,100	\$0
Miscellaneous	\$500	\$500
TOTAL COSTS	\$35,000	\$29,300

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
2	Years in Service
\$17,500	ANNUAL CAPITAL COST

Revenue Sources		
	2018	2020
Tax Levy	\$28,000	\$22,300
GO Debt		
Special Assmts		
Trust/Donations		
Grants/Aids		
Fund Balance		
Other Revenues		
TOTAL SOURCES	\$28,000	\$22,300

Inventory and Replacement	
Similar Items in Inventory	5
Items Replaced	2016 Ford Interceptor
Age of Items	2 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Administrative Vehicle Squad #10

Department: Public Safety

Reference Number: 201-08-015

Division: Police

Fund: General

PROJECT OBJECTIVE: To provide administrative and investigative staff with a department vehicle.

PROJECT DESCRIPTION: This vehicle will be used primarily for the investigative division, as well as for surveillance and other specialized assignments for which a marked patrol vehicle would not be appropriate. Secondly, the vehicle will be used for transportation to training and/or other out-of-town police activities in which use of a marked vehicle is not practical.

PROJECT JUSTIFICATION: Due to the increased demand placed on the investigative division, our department's mission to maintain a highly-trained professional staff, and the stated commitment of the Capital Improvement Projects to maintain a sufficient and safe number of fleet vehicles in order to meet the demands for police services in this community, this purchase has become necessary. Anticipated use of this vehicle calls for a six-year rotation. When this vehicle is added to the fleet a dual band radio will be purchased to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$32,850			
Less Disposals					
NET COST		\$32,850			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Administrative Vehicle

Reference Number: 201-08-015

Cost	2018
Purchase Price	\$22,500
Equipment Installation	\$1,000
Emergency Lights/Siren	\$1,450
Extended Warranty	\$1,800
Radio Equipment	\$5,100
Miscellaneous	\$1,000
TOTAL COSTS	\$32,850

Estimated Equipment Usage	
16	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
6	Years in Service
\$5,475	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	\$32,850
GO Debt	
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$32,850

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	None—fleet addition
Age of Items	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Symphony Radio Console

Department: Public Safety

Division: Police

Reference Number: 201-16-031

Fund: General

PROJECT OBJECTIVE: To purchase two Symphony radio dispatch consoles from the Harris Corporation.

PROJECT DESCRIPTION: Replacement of the two current C3 Maestro radio dispatch consoles. These units were supplied as part of the county-wide radio project in 2010. The Harris Corporation has announced an End of Life date for their support of these products as of November 30, 2019. Limited hardware spares may be available until that time on a first come, first serve basis.

PROJECT JUSTIFICATION: These items are being replaced to ensure the continuity of our public safety radio communication capabilities as technology ages and becomes obsolete. Our budget number for this project in 2015 was \$129,000. We can now report an anticipated savings of \$44,389 on this project's cost.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$84,611			
Less Disposals					
NET COST		\$84,611			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Symphony Radio Console

Reference Number: 201-16-031

Cost	Unit	Total
Purchase Price	\$34,490	\$68,980
Equipment Installation	\$1,915	\$3,380
Other Costs	\$34,419	\$34,419
Discount		(\$22,618)
TOTAL COSTS		\$84,611

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
5	Years in Service
\$16,922	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	\$84,611
GO Debt	
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$84,611

Inventory and Replacement	
Similar Items in Inventory	2
Items Replaced	C3 Maestro Consoles
Age of Items	8 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018

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CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Administrative Vehicle Squad 8

Department: Public Safety

Reference Number: 201-03-006

Division: Police

Fund: General

PROJECT OBJECTIVE: To provide administrative and investigative staff with a department vehicle.

PROJECT DESCRIPTION: This vehicle will be used primarily for the investigative division, as well as for surveillance and other specialized assignments for which a marked patrol vehicle would not be appropriate. Secondly, the vehicle will be used for transportation to training and/or other out-of-town police activities in which use of a marked vehicle is not practical.

PROJECT JUSTIFICATION: This vehicle has a planned rotation of six years. Replacement of this vehicle is necessary to remain consistent with department's fleet mileage benchmarks, officer safety factors, avoiding excessive maintenance costs, and optimizing disposal value. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$30,700		
Less Disposals			(\$4,000)		
NET COST			\$26,700		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Administrative Vehicle

Reference Number: 201-03-006

Cost	2019
Purchase Price	\$22,500
Equipment Installation	\$1,000
Extended Warranty	\$1,800
Mobile Radio	\$5,100
Miscellaneous	\$300
TOTAL COSTS	\$30,700

Estimated Equipment Usage	
16	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
6	Years in Service
\$5,117	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	\$26,700
GO Debt	
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$26,700

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	2013 Ford Fusion
Age of Items	6 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Project Title: Squad Mobile Video Recorders (MVRs)

Department: Public Safety

Reference Number: 201-14-027

Division: Police

Fund: General

PROJECT OBJECTIVE: To replace the current MVRs in the five marked Police Interceptors and the two SUVs.

PROJECT DESCRIPTION: Acquisition of replacement MVRs for the department's marked patrol fleet assets.

PROJECT JUSTIFICATION: The current MVRs are being replaced due to the professionally recommended five year life-span of this type of technology. This project is to ensure that the department's fleet vehicles have current technology that ensures officer safety and effectively reduces liability for the city. This purchase also allows these units to remain compatible with the related hardware and firmware updates with which they must interact.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$25,325	
Less Trade In					
NET COST				\$25,325	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Squad Mobile Video Recorders (MVRs)

Reference Number: 201-14-027

Cost	2020
Purchase Price	\$24,675
Shipping	\$150
Misc. Costs	\$500
TOTAL COSTS	\$25,325

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
5	Years in Service
\$5,065	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	\$25,325
GO Debt	
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$25,325

Inventory and Replacement	
Similar Items in Inventory	7
Items Replaced	Digital Ally DVM-500 plus/800
Age of Items	5 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2020	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Utility Vehicle (Full Size/Four Wheel Drive) Squad #7

Department: Public Safety

Reference Number: 201-11-023

Division: Police

Fund: General

PROJECT OBJECTIVE: To maintain the use of a 4WD utility vehicle that is used for a variety of situations that include unmarked patrol/speed enforcement, surveillance, inclement winter weather patrol, towing of evidence/radar trailers, and patrol/admin/training/investigative back-up transportation when other vehicles are down or unavailable.

PROJECT DESCRIPTION: This vehicle is a full sized 4WD SUV and is used by all sworn department personnel. It is primarily used as a fully-equipped unmarked patrol vehicle and is also commonly used for towing needs and as a back-up administrative and investigative vehicle.

PROJECT JUSTIFICATION: The planned rotation for this vehicle is six years. Although the model purchased in 2015 is being replaced with a newer model for use by the patrol, investigative, and administrative staffs, it will not be sent to auction. The 2015 model will be converted for use by the Police Aides. The model purchased in 2009 that is currently being used for that purpose will be sent to auction. As fleet vehicles are rotated out of service their radios will be replaced with dual band radios to take advantage of the 700MHz overlay system to address the remaining deficiencies in the Hartford area in the VHF radio system. Due to the remote timing of this purchase, and the importance of ensuring adequate radio communications, that purchase may have to be made prior to executing this capital project as an operational expense. This expense will not be incurred annually.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$41,100
Less Disposals					(\$4,000)
NET COST					\$37,100

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Utility Vehicle (Full Size/Four Wheel Drive)

Reference Number: 201-11-023

Cost	2021
Purchase Price	\$34,000
Equipment Installation	\$1,500
Mobile Radio	\$5,100
Miscellaneous	\$500
TOTAL COSTS	\$41,100

Estimated Equipment Usage	
4	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
6	Years in Service
\$6,850	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	\$37,100
GO Debt	
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$37,100

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	2015 Ford Expedition
Age of Items	5 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2021



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CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Mobile Data Computers

Department: Public Safety

Reference Number: 201-17-033

Division: Police

Fund: General

PROJECT OBJECTIVE: To replace the current MDCs in the fleet vehicles.

PROJECT DESCRIPTION: Acquisition of replacement MDCs for the department's fleet assets.

PROJECT JUSTIFICATION: The current MDCs will be replaced as part of a regular rotation to ensure the fleet has current technology that is compatible with the hardware and software they interact with.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$27,219
Less Disposals					
NET COST					\$27,219

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Mobile Data Computers

Reference Number: 201-17-033

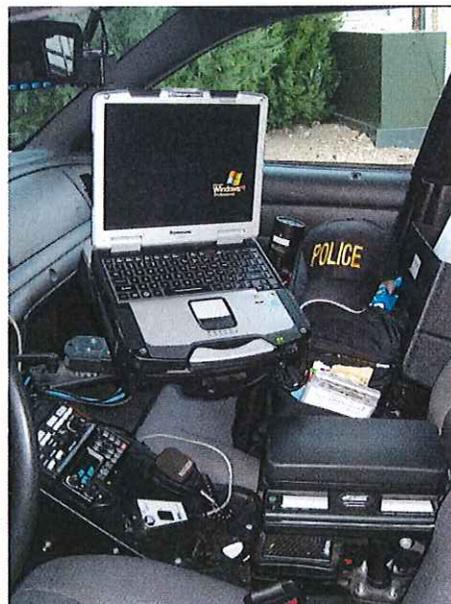
Cost	Per Unit	Total
Purchase Price	\$3,817	\$26,719
Equipment Installation		\$0
Other Costs		\$500
TOTAL COSTS		\$27,219

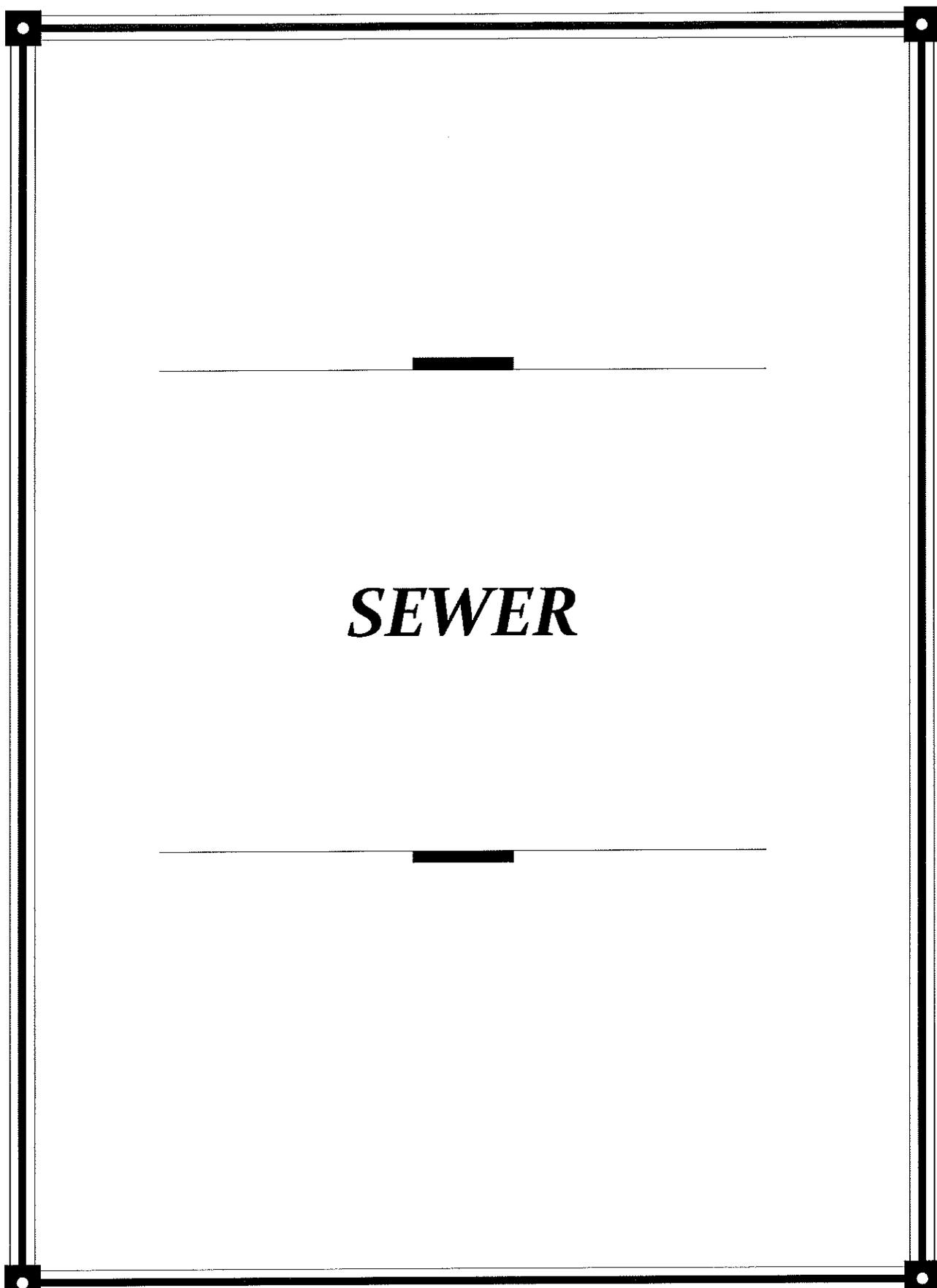
Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
5	Years in Service
\$5,444	ANNUAL CAPITAL COST

Revenue Sources	
Tax Levy	\$27,219
GO Debt	
Special Assmts	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$27,219

Inventory and Replacement	
Similar Items in Inventory	7
Items Replaced	Panasonic Toughbooks
Age of Items	5 years

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2021





SEWER

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Lincoln Avenue Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-10-154

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace sanitary sewer on East Lincoln Avenue from Grand Avenue to South Main Street.

PROJECT DESCRIPTION: Replace 1300 linear feet of 8" sanitary sewer that was previously not replaced.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced prior to street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$185,500				
Less Disposals					
NET COST	\$185,500				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

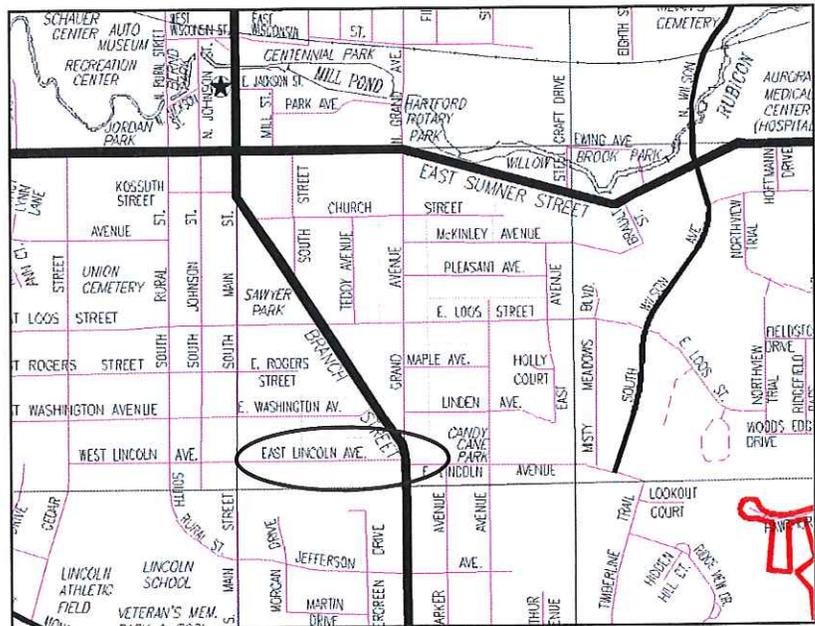
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Lincoln Avenue Sanitary Sewer Replacement

Reference Number: 370-10-154

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1300 L.F.	\$135	\$175,500	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$185,500	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Vehicle Replacement

Department: Sewer Utility

Reference Number: 370-11-157

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Maintain safe and reliable sewer collection system maintenance equipment.

PROJECT DESCRIPTION: Replacement of collection system/pump station, camera service vehicle.

PROJECT JUSTIFICATION: The service vehicle being replaced is 8 years old and has had transmission and rear end issues from the onset. This vehicle plows snow for the entire plant area and 14 lift stations and is equipped to pull all remote site pumps and serves as the sewer camera vehicle.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$62,900				
Less Disposals	(\$25,918)				
NET COST	\$36,982				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Vehicle Replacement

Reference Number: 370-11-157

Cost	Per Unit	Total
Purchase Price		\$62,900
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$62,900

Estimated Equipment Usage	
4	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
10	Years in Service
\$2,800	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$36,982
Other Revenues	
TOTAL SOURCES	\$36,982

Inventory and Replacement	
Similar Items in Inventory	0
Items Replaced	1/2 Ton Pick Up Truck
Age of Items	12 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

High Street Sanitary Sewer Replacement/Center Street Replacement Extension

Department: Sewer Utility

Reference Number: 370-11-163

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace sanitary sewer on High Street prior to street resurfacing and replace 315 feet from High Street north to first manhole on Center Street.

PROJECT DESCRIPTION: Replace 700 L.F. of 6 inch clay sanitary sewer with 8 inch PVC on High Street from North Main Street to West State Street. Replace 315 feet of 6 inch clay sanitary sewer from High Street to the first manhole north on Center Street.

PROJECT JUSTIFICATION: Sanitary sewer on High Street is in need of replacement prior to street resurfacing. Center Street replacement is necessary due to a 6 foot section of pipe that showed up missing during televising of the sewer main.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$147,025				
Less Disposals					
NET COST	\$147,025				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

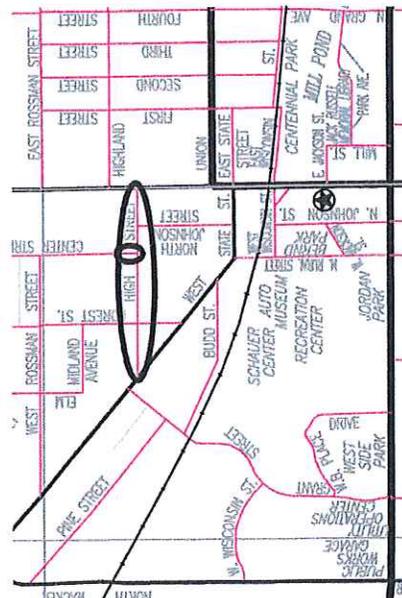
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

High Street Sanitary Sewer Replacement/Center Street Replacement Extension

Reference Number: 370-11-163

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer			\$137,025	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$147,025	

PRIORITY		
Priority	Prior Year	Current Year
1		X
2		
3	X	
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Facility Exterior Lighting Replacement

Department: Sewer Utility

Reference Number: 370-17-194

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace existing exterior perimeter security lighting at the Water Pollution Control Facility with LED technology.

PROJECT DESCRIPTION: Remove 14 pole mounted 150 watt hps and 18 building mounted hps light fixtures and replace with new T3 led light fixtures on existing poles and buildings.

PROJECT JUSTIFICATION: Existing lighting consumes 4,228 watts. Proposed lighting would consume 1,226 watts. Projected annual savings would be \$1,290. Projected Focus on Energy incentive would be \$690. Projected life of fixtures is greater than 25 years.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$15,119				
Less Disposals					
NET COST	\$15,119				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Facility Exterior Lighting Replacement

Reference Number: 370-17-194

Cost	Per Unit	Total
Purchase Price		\$15,119
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$15,119

Estimated Equipment Usage	
10-12	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
21	Years in Service
\$720	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$15,119
Other Revenues	
TOTAL SOURCES	\$15,119

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Outdoor Lights
Age of Items	21 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

VAV Plant Control System Replacement

Department: Sewer Utility

Reference Number: 370-17-195

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace failing Johnson Control master thermostat Metasys system with a new Vari-trac VAV control system.

PROJECT DESCRIPTION: Replace failing existing Johnson Control system with new Universal Vari-trac control system including replacement of existing damper ventilation damper motors, master thermostat and all zone thermostats.

PROJECT JUSTIFICATION: The existing Johnson Control system can only be serviced by Johnson Control's service people. The proposed new system is universal and can be serviced by any HVAC mechanical contractor, which cuts service costs by 50%. Almost all of the damper motors have failed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$19,500				
Less Disposals					
NET COST	\$19,500				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

VAV Plant Control System Replacement

Reference Number: 370-17-195

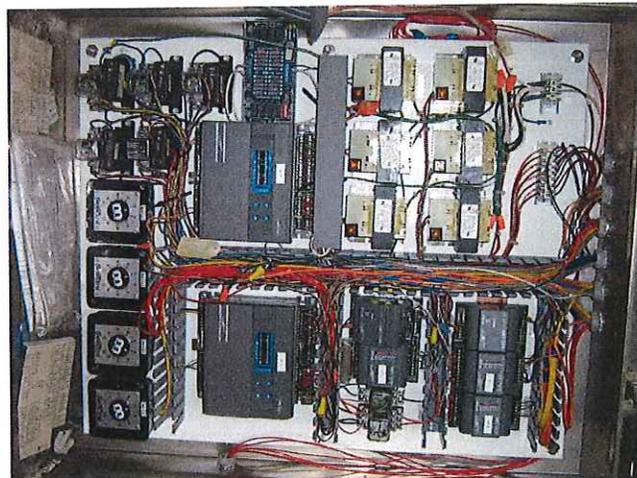
Cost	Per Unit	Total
Purchase Price		\$19,500
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$19,500

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
25	Years in Service
\$780	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$19,500
Other Revenues	
TOTAL SOURCES	\$19,500

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	VAV system
Age of Items	25 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Sludge Storage Lift Pump Replacement

Department: Sewer Utility

Reference Number: 370-17-196

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace the existing 22 year old sludge tank lift pump with a new pump.

PROJECT DESCRIPTION: Removal of the existing 22 year old pump and base and retrofitting with new, much higher energy saving, and pumping efficiency rated gallon pump.

PROJECT JUSTIFICATION: The age of this pump does not make rebuilding to be an option at this point in which even if it were we would not gain much benefit in pumping efficiency or any energy savings. Pump transfers approximately 5 million gallons of bio-solids per year to the sludge storage tank.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$55,250				
Less Disposals					
NET COST	\$55,250				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Sludge Storage Lift Pump Replacement

Reference Number: 370-17-196

Cost	Per Unit	Total
Purchase Price		\$55,250
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$55,250

Estimated Equipment Usage	
8	Hours Per Day
2	Average Days Per Week
52	Weeks Per Year
22	Years in Service
\$2,511	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$55,250
Other Revenues	
TOTAL SOURCES	\$55,250

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Sludge pump
Age of Items	22 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Plant Influent Flow Meter Replacement

Department: Sewer Utility

Reference Number: 370-17-197

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace the treatment plant influent flow monitoring meter before it fails, keeping the plant out of code violation.

PROJECT DESCRIPTION: Replace 21 year old existing plant 20 inch magnetic flowmeter system, transmitter, and electrodes with new unit.

PROJECT JUSTIFICATION: At 21 years of age we have pushed this to the limit. Replacement is necessary. Besides being responsible for the recording of our regulatory daily flow totals, the influent variable speed pumps are run off the reading from the influent flow meter.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$17,000				
Less Disposals					
NET COST	\$17,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

Plant Influent Flow Meter Replacement

Reference Number: 370-17-197

Cost	Per Unit	Total
Purchase Price		\$17,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$17,000

Estimated Equipment Usage	
24	Hours Per Day
7	Average Days Per Week
52	Weeks Per Year
21	Years in Service
\$809	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$17,000
Other Revenues	
TOTAL SOURCES	\$17,000

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Flow Meter
Age of Items	21 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Emergency Backup Diesel Pump Replacement

Department: Sewer Utility

Reference Number: 370-17-199

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace the existing 1978 6" emergency backup diesel pump with a new 1700 GPM pump.

PROJECT DESCRIPTION: Use pump for the pumping down of treatment plant tanks and reservoirs for cleaning and maintenance activities. Pump down lift station wet wells for cleaning and maintenance. Used by other city departments for pumping or dewatering when needed.

PROJECT JUSTIFICATION: An emergency backup pump is a mobile unit and serves as the sewer utility's means to pump (bypass) raw sewage from a problem area to the next manhole, avoiding backups or sanitary sewer overflows. The City's current pump is 38 years old and reliability is becoming an issue.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$49,157				
Less Disposals					
NET COST	\$49,157				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Emergency Backup Diesel Pump Replacement

Reference Number: 370-17-199

Cost	Per Unit	Total
Purchase Price		\$49,157
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$49,157

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$49,157
Other Revenues	
TOTAL SOURCES	\$49,157

Inventory and Replacement	
Similar Items in Inventory	1
Items Replaced	Diesel pump
Age of Items	38 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Maple Avenue Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-06-145

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Improve efficiency of sanitary sewer collection system on Maple Street from Grand Avenue to Wheelock.

PROJECT DESCRIPTION: Replace 600 linear feet of 6" sanitary sewer with 8" sanitary sewer.

PROJECT JUSTIFICATION: Sanitary sewer is in poor condition. Coordinate with street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$91,000			
Less Disposals					
NET COST		\$91,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

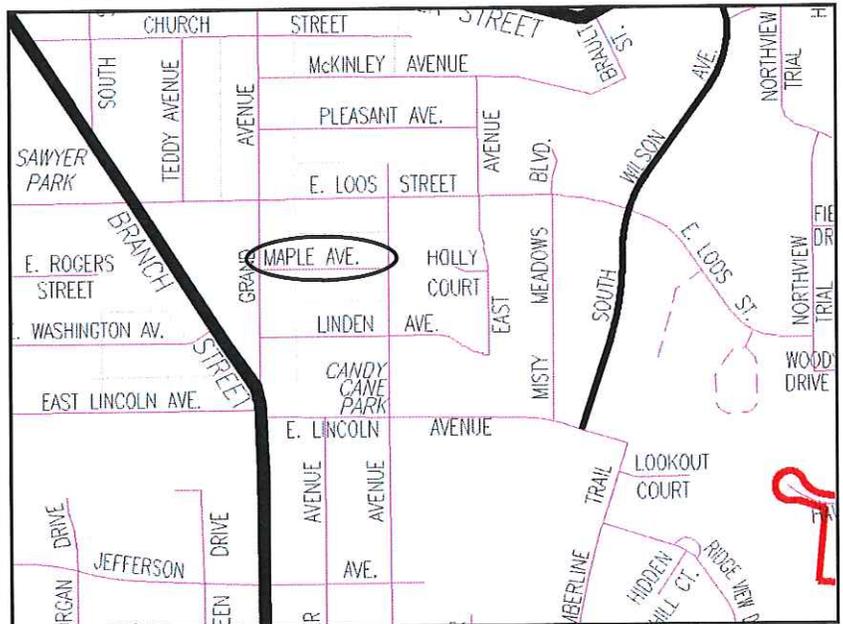
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Maple Avenue Sanitary Sewer Replacement

Reference Number: 370-06-145

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	600 L.F.	\$135	\$81,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$91,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

West Rossman Street Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-09-152

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Improve efficiency of sanitary sewer service on West Rossman Street.

PROJECT DESCRIPTION: Replace 800 linear feet of sanitary sewer and lateral in West Rossman Street between Elm Street and Center Street.

PROJECT JUSTIFICATION: Street is scheduled for reconstruction. Sanitary sewer is in poor condition.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$118,000			
Less Disposals					
NET COST		\$118,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

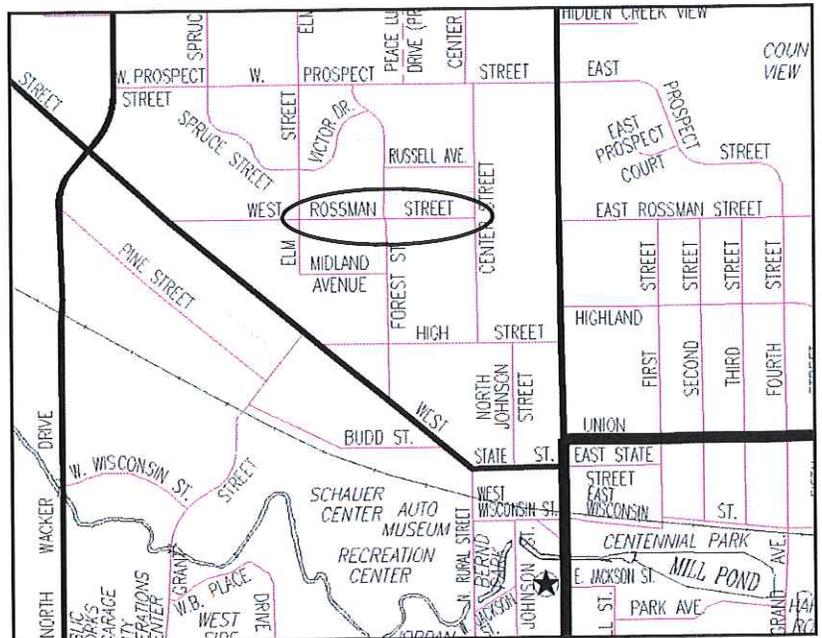
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

West Rossman Street Sanitary Sewer Replacement

Reference Number: 370-09-152

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	800 L.F.	\$135	\$108,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$118,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Harrison Street Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-11-162

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Reduce amount of storm water entering sanitary sewer system.

PROJECT DESCRIPTION: Replace various sections of 10" sanitary sewer on Harrison Street between Cedar Street and Birch Street.

PROJECT JUSTIFICATION: Sanitary sewer needs to be repaired prior to new asphalt surface.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$64,000			
Less Disposals					
NET COST		\$64,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

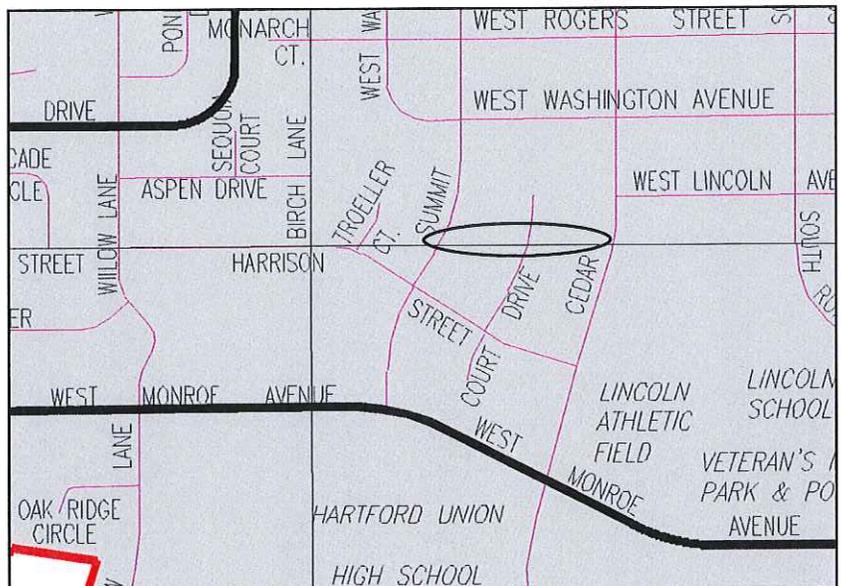
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Harrison Street Sanitary Sewer Replacement

Reference Number: 370-11-162

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	400 L.F.	\$135	\$54,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$64,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cedar Street Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-15-184

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replacement of sanitary sewer main on Cedar Street from Harrison to Lincoln.

PROJECT DESCRIPTION: Replace 650 feet of 8 inch clay tile with 8 inch PVC sanitary sewer in conjunction with water main replacement.

PROJECT JUSTIFICATION: Area has a fair amount of root issues because of clay tile joints. Might possibly be able to line.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$97,750			
Less Disposals					
NET COST		\$97,750			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

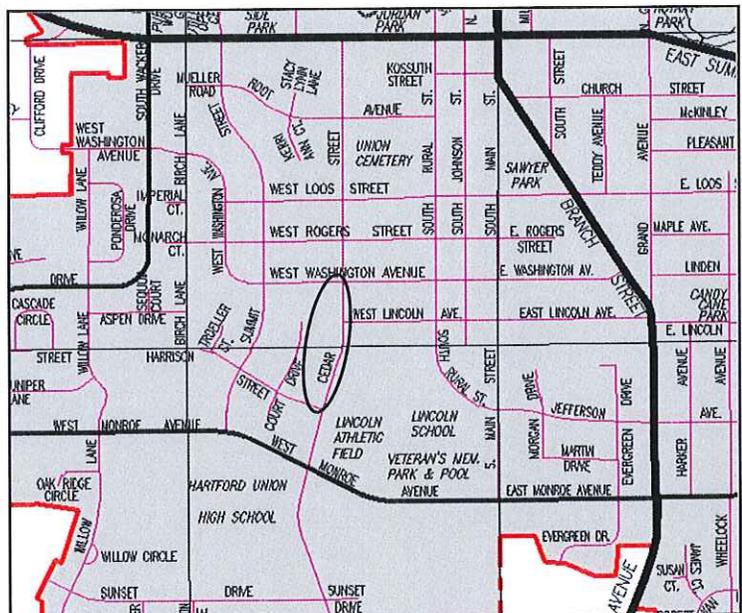
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cedar Street Sanitary Sewer Replacement

Reference Number: 370-15-184

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	650 L.F.	\$135	\$87,750	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$97,750	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Jetter/Vac Replacement

Department: Sewer Utility

Reference Number: 370-15-187

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Maintain safe and reliable sewer collection system maintenance equipment.

PROJECT DESCRIPTION: Purchase a new jetter/vac to replace the current 2003 unit.

PROJECT JUSTIFICATION: The current unit will be 16 years old in 2019. A rebuild of the jetter/vac portion of the unit currently runs between \$120,000 to \$145,000. This does not include rebuilding or replacing the truck engine. This is a very important piece of equipment for the utility.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$425,000			
Less Disposals		(\$50,000)			
NET COST		\$375,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Jetter/Vac Replacement

Reference Number: 370-15-187

Cost	Per Unit	Total
Purchase Price		\$425,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$425,000

Estimated Equipment Usage	
2-8	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
16	Years in Service
\$26,563	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$375,000
Other Revenues	
TOTAL SOURCES	\$375,000

Inventory and Replacement	
Similar Items in Inventory	None
Items Replaced	Jetter/Vac
Age of Items	16 years
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fifth Street Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-02-113

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Provide proper sanitary sewer collection system for homes on Fifth Street.

PROJECT DESCRIPTION: Replace 400 linear feet of 6" sanitary sewer with 8" sewer on Fifth Street between East Wisconsin Street and Union Street.

PROJECT JUSTIFICATION: Sanitary sewer is in poor condition and needs to be replaced prior to reconstruction. Coordinates with street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$64,000		
Less Disposals					
NET COST			\$64,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

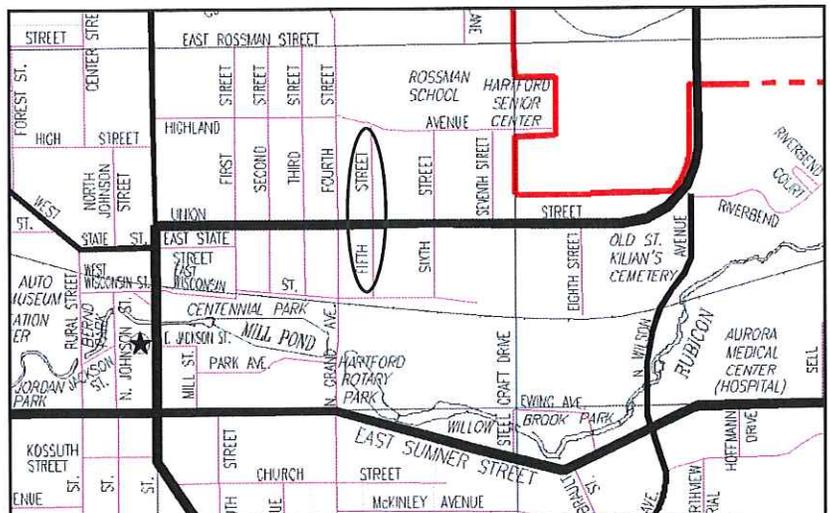
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fifth Street Sanitary Sewer Replacement

Reference Number: 370-02-113

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	400 L.F.	\$135	\$54,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$64,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Grant Street Force Main Replacement

Department: Sewer Utility

Reference Number: 370-11-164

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Increase reliability in sanitary sewer system.

PROJECT DESCRIPTION: Replace force main from Grant Street lift station to East Sumner Street.

PROJECT JUSTIFICATION: Aging main will need replacement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$85,000		
Less Disposals					
NET COST			\$85,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

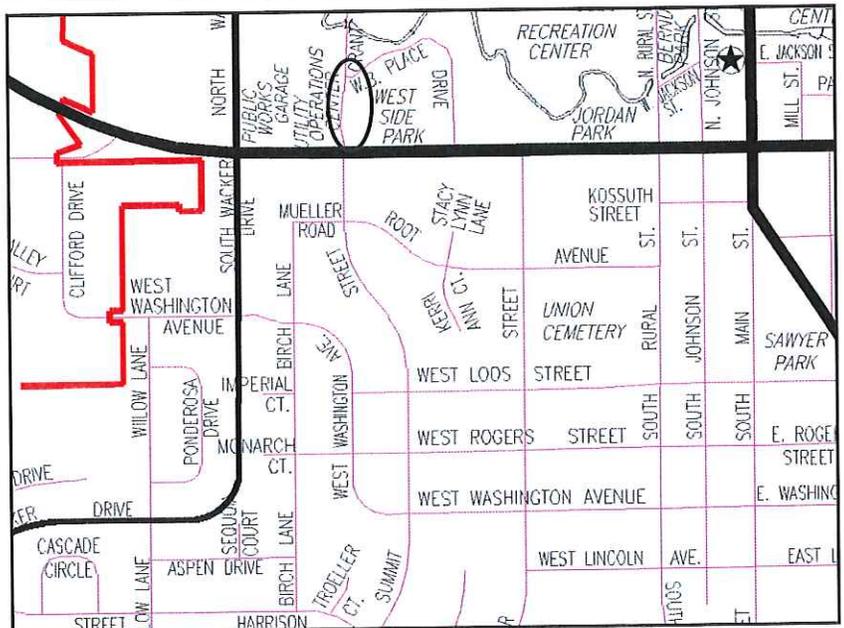
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Grant Street Force Main Replacement

Reference Number: 370-11-164

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer			\$75,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$85,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Martin Drive & Morgan Drive Reconstruction

Department: Sewer Utility

Reference Number: 370-13-174

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace 8" sanitary sewer on Martin Drive and Morgan Drive prior to street reconstruction.

PROJECT DESCRIPTION: Replace 1080 feet of sanitary sewer from Jefferson Street to Evergreen Drive.

PROJECT JUSTIFICATION: Old clay tile sewer is in need of replacement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$156,800		
Less Disposals					
NET COST			\$156,800		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

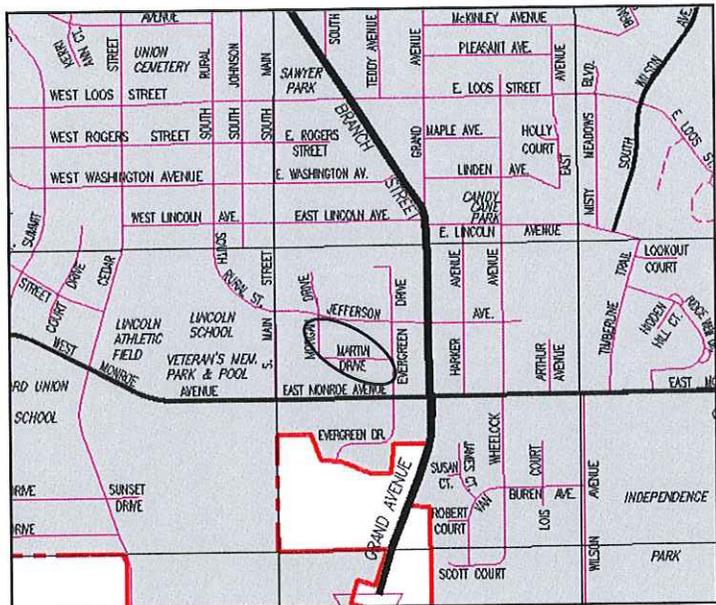
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Martin Drive & Morgan Drive Reconstruction

Reference Number: 370-13-174

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1080 L.F.	\$135	\$145,800	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$6,000	Retained Earnings
TOTAL PROJECT			\$156,800	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

East Wisconsin Avenue Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-15-186

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace sanitary sewer main in right-of-way along East Wisconsin Avenue between fifth and Sixth Street, in conjunction with water main replacement.

PROJECT DESCRIPTION: Replace 800 linear feet of sanitary sewer in right-of-way south of East Wisconsin Avenue from Fifth Street to manhole 380 feet east of Sixth Street in right-of-way.

PROJECT JUSTIFICATION: The sanitary sewer is in very bad condition and cannot be lined.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$118,000		
Less Disposals					
NET COST			\$118,000		

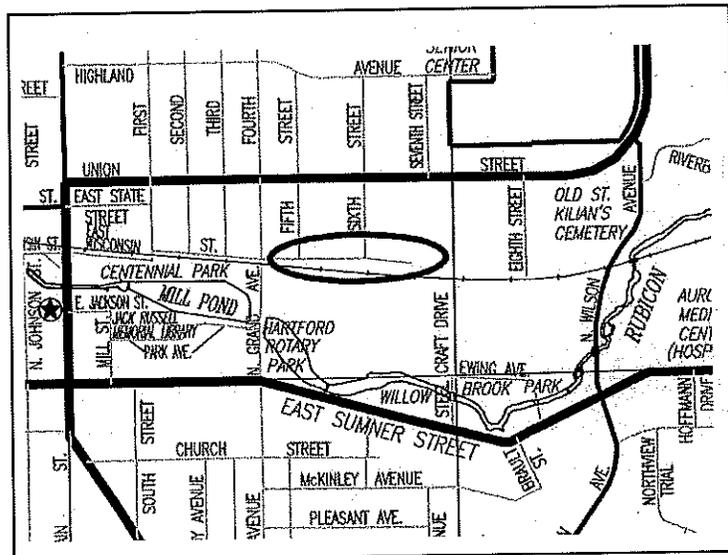
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

East Wisconsin Avenue Sanitary Sewer Replacement

Reference Number: 370-15-186

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	800 L.F.	\$135	\$108,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$118,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

South Main Street Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-16-190

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace or line sanitary sewer on South Main Street in conjunction with water main replacement.

PROJECT DESCRIPTION: Replace or line 1330 L.F. of sanitary sewer from Monroe Avenue to Lincoln Avenue.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced or lined in conjunction with water and street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$189,550		
Less Disposals					
NET COST			\$189,550		

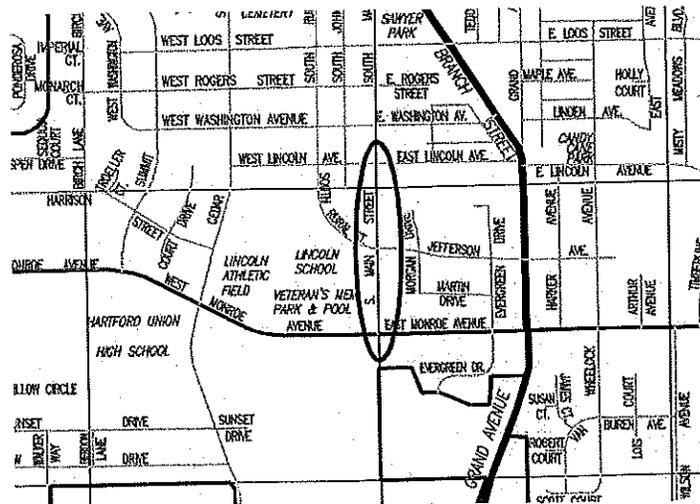
Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

South Main Street Sanitary Sewer Replacement

Reference Number: 370-16-190

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1330 L.F.	\$135	\$179,550	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$189,550	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019—2021 PROJECT YEARS

Water Meter Replacement Program—50%

Department: Sewer Utility

Reference Number: 370-16-191

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace all commercial, industrial and residential water meters.

PROJECT DESCRIPTION: Over a four year period replace all water meter transponders using the automatic meter reading technology (AMR) with a new water meter using advanced metering infrastructure (AMI) technology. Water meter housings will be replaced with a new low-lead housing.

PROJECT JUSTIFICATION: The Sewer Utility's shared cost of the water meter replacement program is required by the Public Service Commission.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$130,000	\$130,000	\$130,000
Less Disposals					
NET COST			\$130,000	\$130,000	\$130,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019—2021 PROJECT YEARS

Water Meter Replacement Program—50%

Reference Number: 370-16-191

Cost	Per Unit	Total
Purchase Price		\$390,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$390,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
	Years in Service
	Annual Capital Cost

Revenue Sources	
Tax Levy	
Long Term Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$390,000
Other Revenues	
TOTAL SOURCES	\$390,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Harker Avenue Reconstruction

Department: Sewer Utility

Reference Number: 370-13-175

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace sanitary sewer on Harker Avenue in conjunction with watermain replacement.

PROJECT DESCRIPTION: Replace 540 feet of 8" sanitary sewer from Monroe Avenue to Jefferson Street. Replace 836 feet from Jefferson Street to Lincoln Avenue.

PROJECT JUSTIFICATION: Sewer has many broken areas and severe root problems.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$195,760	
Less Disposals					
NET COST				\$195,760	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

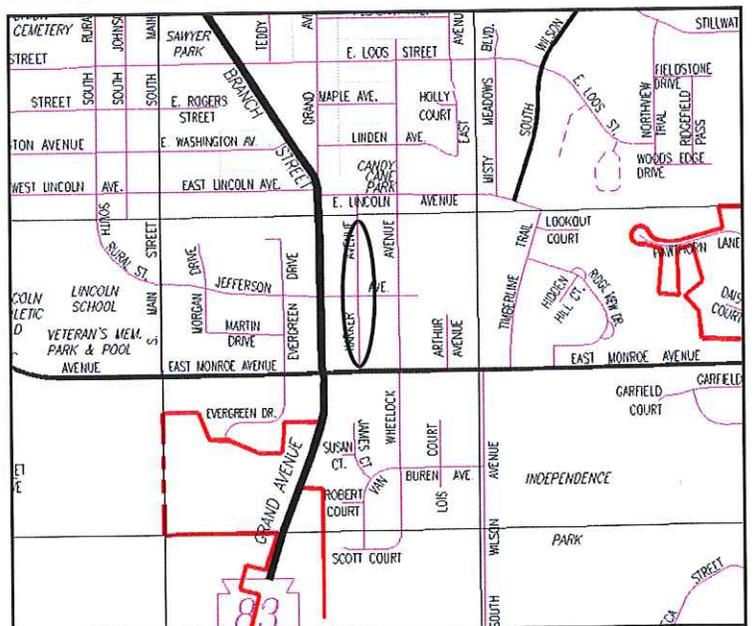
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Harker Avenue Reconstruction

Reference Number: 370-13-175

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1376 L.F.	\$135	\$185,760	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$195,760	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Prospect Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-05-134

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace sanitary sewer in West Prospect Street from Black's Subdivision to Elm Street.

PROJECT DESCRIPTION: Replace and lower 400 linear feet of 8" sanitary sewer.

PROJECT JUSTIFICATION: Sanitary sewer needs to be lowered to provide better service to adjacent homes.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$64,000
Less Disposals					
NET COST					\$64,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

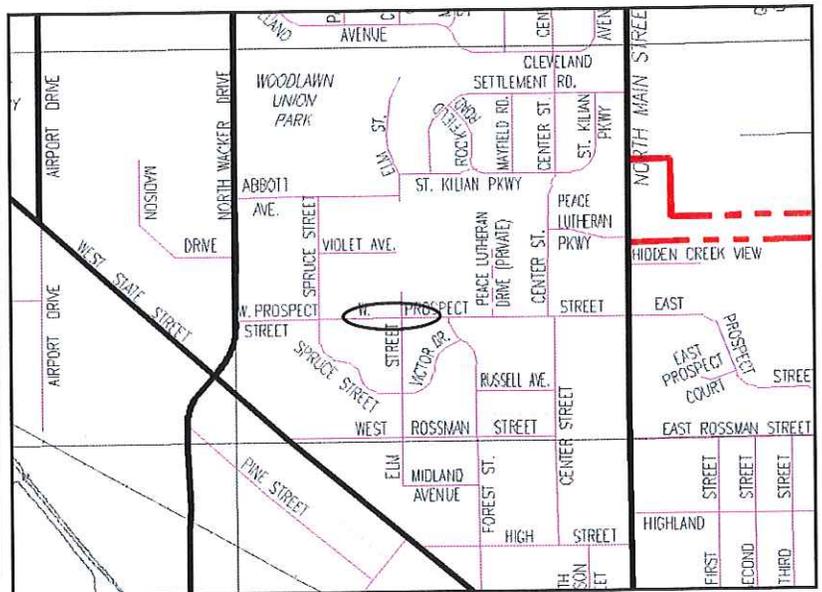
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Prospect Sanitary Sewer Replacement

Reference Number: 370-05-134

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	400 L.F.	\$135	\$54,000	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$64,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

East Lincoln Avenue Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-16-189

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Improve efficiency of sanitary sewer on Lincoln Avenue.

PROJECT DESCRIPTION: Replace or line 1124 L.F. of sanitary sewer on Lincoln Avenue from Grand Avenue to Misty Meadows.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced or lined in conjunction with water and street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$161,740
Less Disposals					
NET COST					\$161,740

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

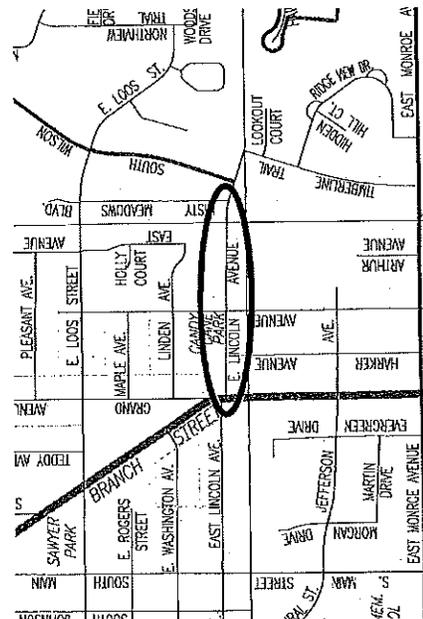
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

East Lincoln Avenue Sanitary Sewer Replacement

Reference Number: 370-16-189

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	1124 L.F.	\$135	\$151,740	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$161,740	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Loos Street Sanitary Sewer Replacement

Department: Sewer Utility

Reference Number: 370-16-192

Division: Sewer

Fund: Sewer

PROJECT OBJECTIVE: Replace or line sanitary sewer on West Loos Street.

PROJECT DESCRIPTION: Replace or line 673 L.F. of sanitary sewer on West Loos Street from Summit to Cedar Street.

PROJECT JUSTIFICATION: Sanitary sewer needs to be replaced or lined in conjunction with water and street reconstruction.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$100,855
Less Disposals					
NET COST					\$100,855

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

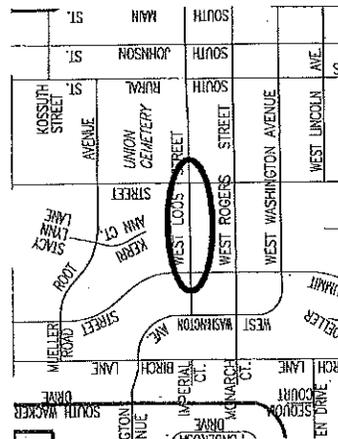
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Loos Street Sanitary Sewer Replacement

Reference Number: 370-16-192

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer	673 L.F.	\$135	\$90,855	Retained Earnings
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$100,855	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

42 Inch Main Interceptor Sewer Rehabilitation

Department: Sewer Utility

Reference Number: 370-17-198

Division: Sewer

Fund: Sewer

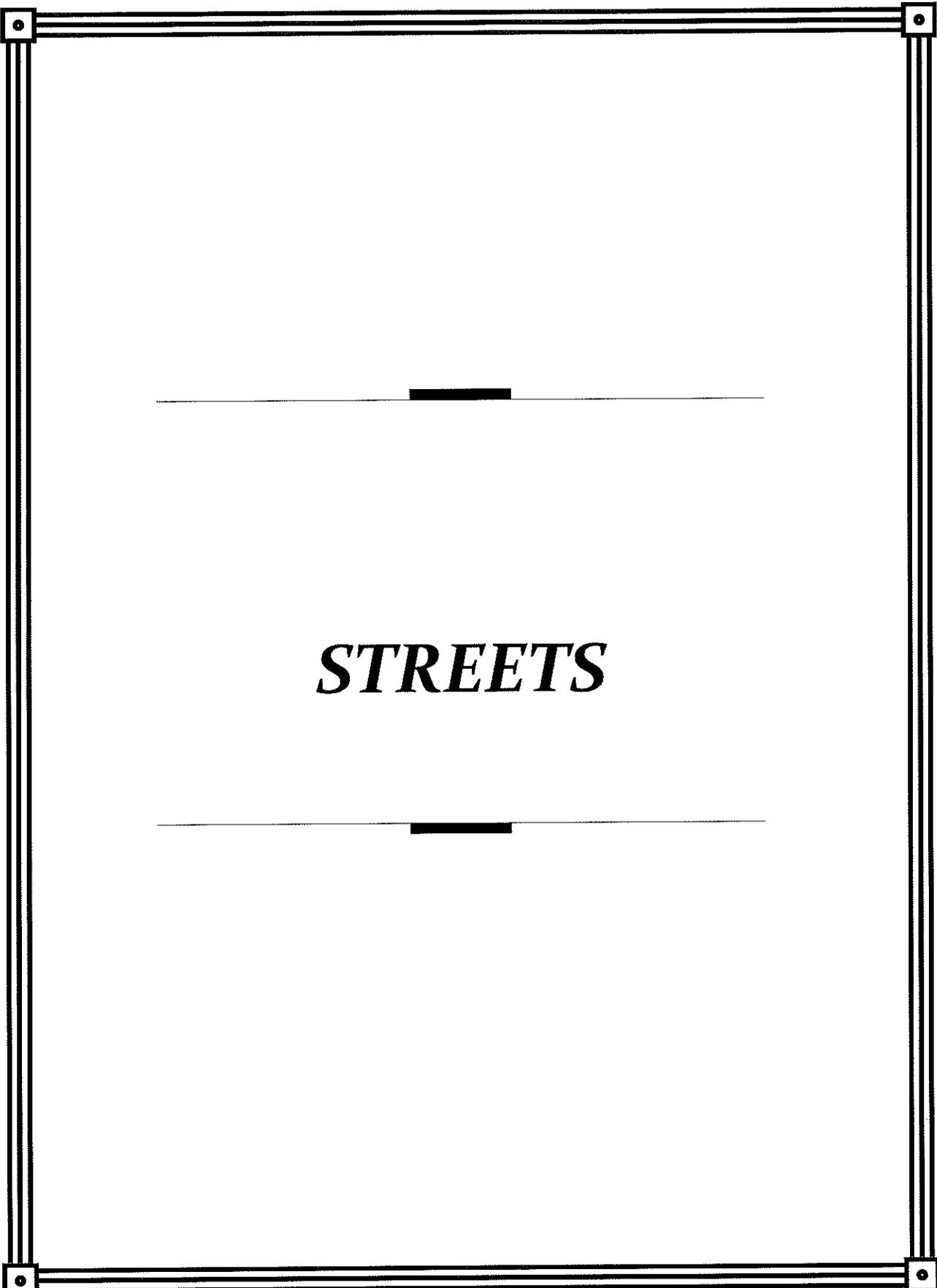
PROJECT OBJECTIVE: Rehabilitate the 42 inch main interceptor sewer which will be over 50 years old at the time of the proposed scheduled rehab, which conveys all flow east of the city to the treatment plant, and ensure another 50 to 75 years of life to this section of sewer.

PROJECT DESCRIPTION: The lining of 2,964 linear feet of 42 inch concrete interceptor sewer from Wacker to Theil Street (Walmart parking lot) and 4,597 feet from Theil Street to the Liberty Avenue plant entrance.

PROJECT JUSTIFICATION: This 42 inch interceptor sewer is the main relay line for the entire east end of the city and relays approximately two thirds of the entire daily flow of the city to the treatment plant. This could be completed in several phases.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$1,701,225
Less Disposals					
NET COST					\$1,701,225

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0



STREETS

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Sealcoating & Asphalt Patching

Reference Number: 301-96-074

Department: Public Works

Division: Streets

Fund: General

**Account: 100.301.533900.53827
420.420.573703.59301**

PROJECT OBJECTIVE: To renovate asphalt street surfaces to extend pavement life.

PROJECT DESCRIPTION: Sealcoat 20,000 square yards of asphalt streets. Thin asphalt patch three blocks of street.

PROJECT JUSTIFICATION: Extend street life for five years for sealcoat and approximately 10 years for thin asphalt streets.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Less Disposals					
NET COST	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Sealcoating & Asphalt Patching

Reference Number: 301-96-074

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway			\$500,000	Tax Levy/GO Debt
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$500,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017

High Street Reconstruction/Center Street Patching

Department: Public Works

Reference Number: 301-00-300

Division: Streets

Fund: General

PROJECT OBJECTIVE: Provide drainage to High Street and improve street.

PROJECT DESCRIPTION: Reconstruct High Street from North Main Street to West State Street. Add storm sewer to street. Repair Center Street after sewer replacement.

PROJECT JUSTIFICATION: Street is in poor condition. Drainage is poor due to lack of storm sewer.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$430,500				
Less Disposals					
NET COST	\$430,500				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Sumner Street (STH 60) Rehabilitation & Resurfacing

Department: Public Works

Reference Number: 301-08-379

Division: Streets

Fund: General

Account: 420.420.574651.59301

PROJECT OBJECTIVE: Resurface and rehabilitate East Sumner Street from Main Street to Kettle Moraine Road (2015 construction) for a total of 3.1 miles.

PROJECT DESCRIPTION: Mill 3" of existing asphalt and replace asphalt under DOT project. Patch existing concrete.

PROJECT JUSTIFICATION: Street pavement is in poor condition.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$5,000				
Less Disposals					
NET COST	\$5,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

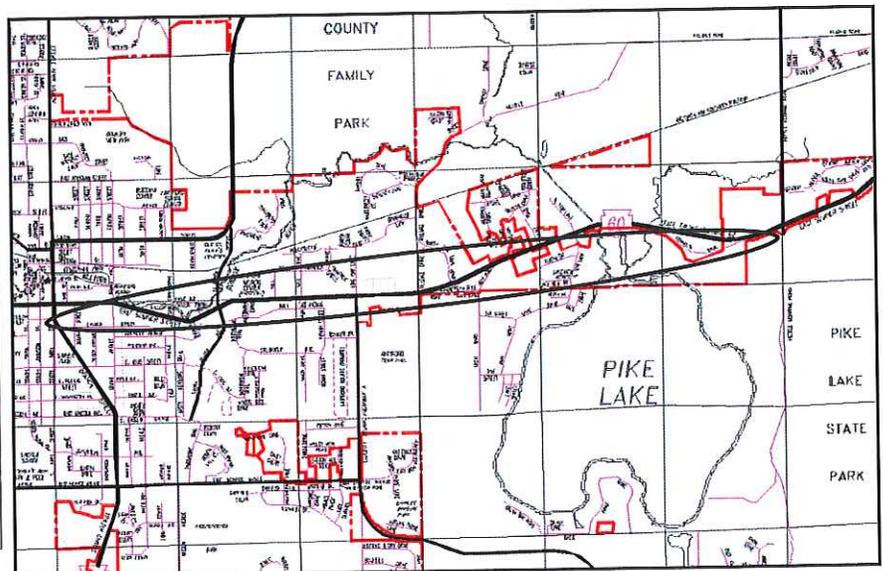
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Sumner Street (STH 60) Rehabilitation & Resurfacing

Reference Number: 301-08-379

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	GO Debt/Levy
Force Labor				
Contingencies				
TOTAL PROJECT			\$5,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 & 2018 PROJECT YEARS

Branch Street—Grand Avenue Resurfacing (STH 83)

Department: Public Works

Reference Number: 301-09-384

Division: Streets

Fund: General

Account: 420.420.574652.59301

PROJECT OBJECTIVE: Reconstruct Branch Street, Grand Avenue, and parts of South Main (STH 83). (2016 construction)

PROJECT DESCRIPTION: Wisconsin Department of Transportation will reconstruct South Main Street from East Sumner Street to Branch Street, Branch Street from South Main Street to West Lincoln Avenue and Grand Avenue from Branch Street to East Monroe Avenue in 2016.

PROJECT JUSTIFICATION: Asphalt surface on streets is in poor condition. Sidewalks and curb and gutter and storm sewer need replacement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$10,000	\$5,000			
Less Disposals					
NET COST	\$10,000	\$5,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

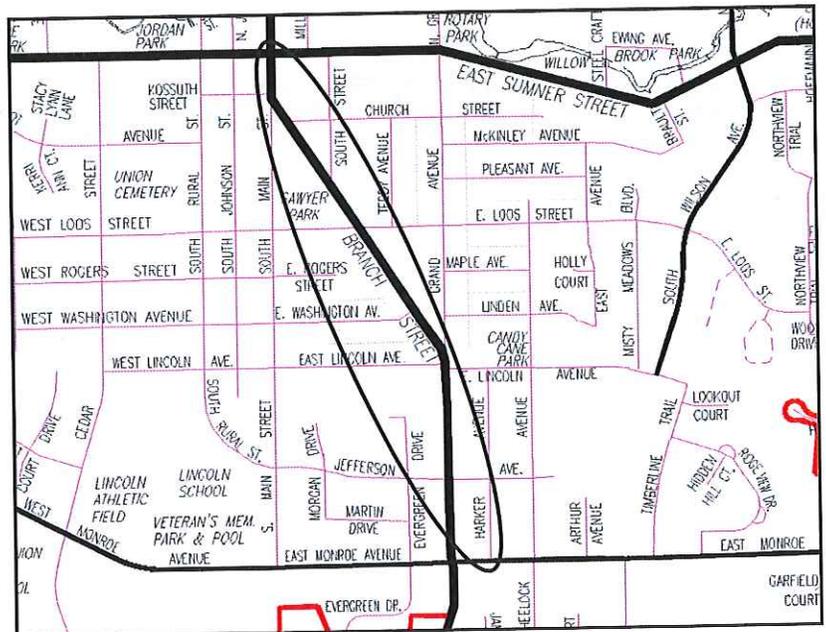
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 & 2018 PROJECT YEARS

Branch Street—Grand Avenue Resurfacing

Reference Number: 301-09-384

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$15,000	GO Debt
Force Labor				
Contingencies				
TOTAL PROJECT			\$15,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Storm Water Pond Dredging/Maintenance

Department: Public Works

Reference Number: 301-09-387

Division: Streets

Fund: General

PROJECT OBJECTIVE: Provide proper capacity of storm water ponds owned by the City.

PROJECT DESCRIPTION: Dredge two to three storm water ponds each year. Provide any other maintenance required to keep ponds functioning properly.

PROJECT JUSTIFICATION: Ponds need dredging and maintenance to continue functioning as designed. City must follow storm water permit regulations.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Less Disposals					
NET COST	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Storm Water Pond Dredging/Maintenance

Reference Number: 301-09-387

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$150,000	GO Debt
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$150,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Lincoln Avenue Reconstruction

Department: Public Works

Reference Number: 301-10-396

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct East Lincoln Avenue from South Main Street to Grand Avenue in conjunction with watermain and sanitary sewer replacement.

PROJECT DESCRIPTION: Reconstruct the entire street and increase the capacity of the storm sewer system.

PROJECT JUSTIFICATION: Street is in poor condition, watermain work is needed, sanitary sewer needs replacement, and the storm sewer system needs improvement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$570,000				
Less Disposals					
NET COST	\$570,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

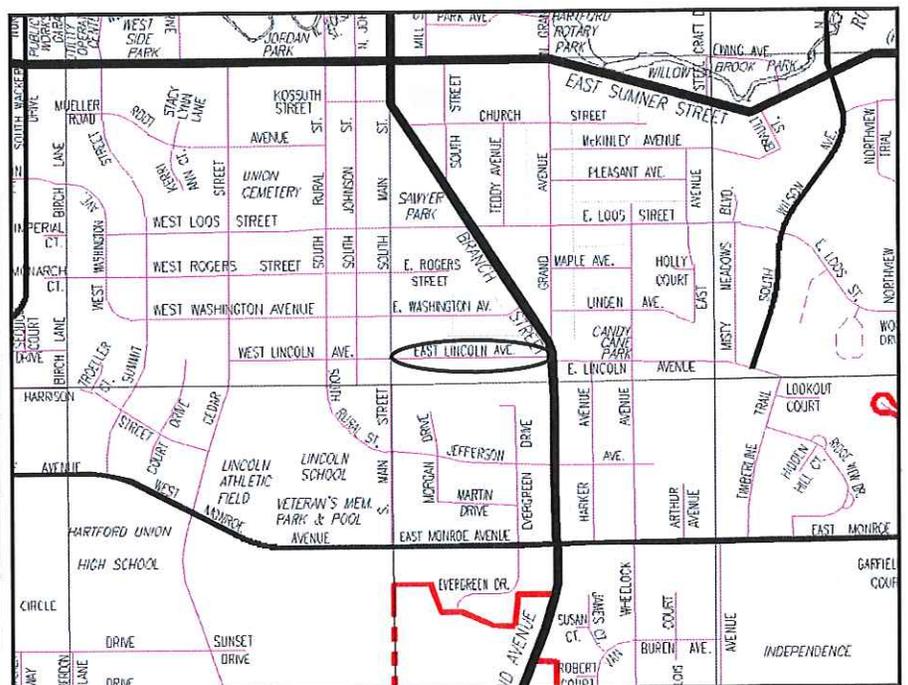
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Lincoln Avenue Reconstruction

Reference Number: 301-10-396

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1300 L.F.	\$145	\$188,500	GO Debt
Sidewalk	2600 L.F.	\$28	\$72,800	GO Debt
Curb/Gutter	2600 L.F.	\$22	\$57,200	GO Debt
Storm Sewer	1300 L.F.	\$155	\$201,500	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$30,000	GO Debt
TOTAL PROJECT			\$570,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Sidewalk Repair/Replacement

Reference Number: 301-14-411

Department: Public Works

Division: Streets

Fund: General

Account: 420.420.574705.59301

PROJECT OBJECTIVE: Provide safe sidewalk along road right-of-way.

PROJECT DESCRIPTION: Repair or replace defective sidewalk through the city. Approximately one twelfth of city sidewalk will be inspected every year for defects.

PROJECT JUSTIFICATION: Improve the condition of sidewalk throughout the city and reduce the chance of trip and falls and any resulting injuries to pedestrians.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$129,000	\$129,000	\$129,000	\$129,000	\$129,000
Less Disposals					
NET COST	\$129,000	\$129,000	\$129,000	\$129,000	\$129,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Sidewalk Repair/Replacement

Reference Number: 301-14-411

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk			\$645,000	Special Assessment/ GO Debt
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$645,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Emerald Ash Borer Tree Replacement

Reference Number: 301-15-415

Department: Public Works

Division: Streets

Fund: General

Account: 100.301.533900.59301

PROJECT OBJECTIVE: Take down ash trees that show signs of Emerald Ash Borer (6-7 year process).

PROJECT DESCRIPTION: Grind out stumps and replace with new trees.

PROJECT JUSTIFICATION: Replace 680 ash trees between curb and sidewalk.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Less Disposals					
NET COST	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2021 PROJECT YEARS

Emerald Ash Borer Tree Replacement

Reference Number: 301-15-415

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement			\$125,000	Fund Balance/Tax Levy
Buildings				(Property/Liability Insurance)
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$125,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2020 PROJECT YEARS

North Wacker Drive Bridge Replacement

Department: Public Works

Reference Number: 301-16-424

Division: Streets

Fund: General

PROJECT OBJECTIVE: Improve the structural integrity of the bridge to ensure that North Wacker Drive can remain open to traffic.

PROJECT DESCRIPTION: Completely replace the existing bridge over the Rubicon River and both approaches to the bridge.

PROJECT JUSTIFICATION: The bridge is in poor condition. After a recent inspection the Wisconsin DOT has determined the sufficiency rating of the bridge to be 31. Bridges become eligible for replacement funding when the sufficiency rating is below 50. If the rating drops much lower, the City may have to place a weight limit on the bridge.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$39,000	\$39,000	\$39,000	\$462,000	
Less Disposals					
NET COST	\$39,000	\$39,000	\$39,000	\$462,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

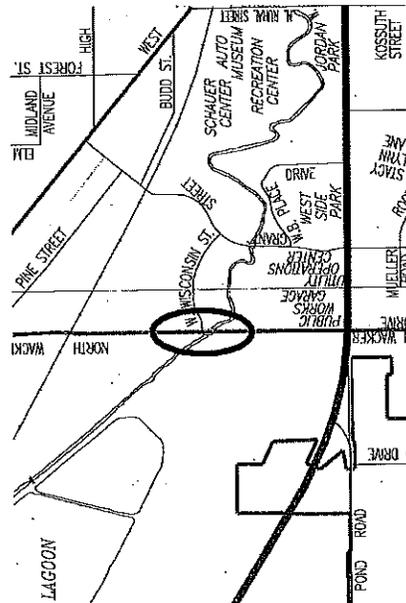
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017—2020 PROJECT YEARS

North Wacker Drive Bridge Replacement

Reference Number: 301-16-424

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway—Bridge & Approaches			\$537,000	80% Fed/20% Local
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$15,000	80% Fed/20% Local
Force Labor				
Contingencies			\$27,000	80% Fed/20% Local
TOTAL PROJECT			\$579,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Roof Repair

Department: Public Works

Reference Number: 301-16-426

Division: Streets

Fund: General

PROJECT OBJECTIVE: Replace roof over offices and truck bays.

PROJECT DESCRIPTION: Replace flat roof that will be 39 years old.

PROJECT JUSTIFICATION: Contractor rates the roof in poor condition. Having many leaks.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$20,000				
Less Disposals					
NET COST	\$20,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Roof Repair

Reference Number: 301-16-426

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings			\$20,000	
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$20,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Monroe Avenue Reconstruction

Department: Public Works

Reference Number: 301-17-429

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct East Monroe Avenue from South Main Street to Evergreen Drive to improve the street and drainage.

PROJECT DESCRIPTION: Reconstruct East Monroe Avenue from South Main Street to Evergreen Drive including complete replacement of asphalt pavement, curb and gutter, sidewalk, and storm sewer.

PROJECT JUSTIFICATION: Street is in poor condition, drainage improvements are needed, and watermain repairs are needed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$407,400				
Less Disposals					
NET COST	\$407,400				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

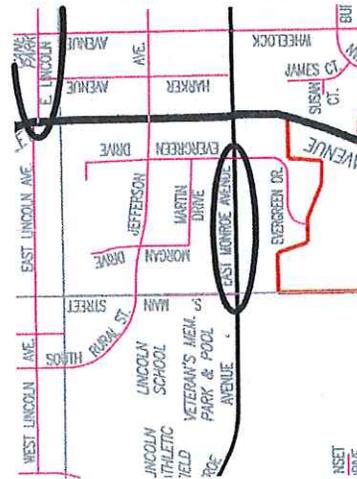
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Monroe Avenue Reconstruction

Reference Number: 301-17-429

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1100 L.F.	\$145	\$159,500	GO Debt
Sidewalk	2000 L.F.	\$28	\$56,000	GO Debt
Curb/Gutter	2200 L.F.	\$22	\$48,400	GO Debt
Storm Sewer	1100 L.F.	\$95	\$104,500	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$19,000	GO Debt
TOTAL PROJECT			\$407,400	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Stop & Go Light Updates on Hwy 60/Sunner St & Hwy 83/Main St

Department: Public Works

Reference Number: 301-17-433

Division: Streets

Fund: General

PROJECT OBJECTIVE: To improve traffic flow through the city.

PROJECT DESCRIPTION: Update main intersection with cameras and pedestrian lights.

PROJECT JUSTIFICATION: Traffic flow through city.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$25,000				
Less Disposals					
NET COST	\$25,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

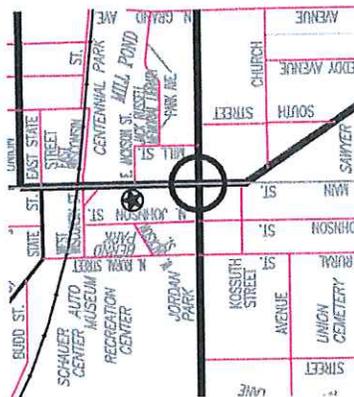
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Stop & Go Light Updates Hwy 60/Sumner St & Hwy 83/Main St

Reference Number: 301-17-433

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment			\$25,000	GO Debt
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$25,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3		
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Airport Land Acquisition, Design, & Taxiway & Runway Construction

Department: Public Works

Reference Number: 350-08-013

Division: Airport

Fund: General

PROJECT OBJECTIVE: Improve access to municipal airport according to FAA standards. Install new taxiway to align with new runway.

PROJECT DESCRIPTION: Reconstruct asphalt runway or build the new runway according to the City's airport layout plan. Project includes lighting and PAPI. Parallel taxiway to match runway. Land acquisition and design will be done in 2017. Construction of runway and taxiway will be done in 2018. Local share of cost (\$107,257) is due in 2017 for construction in 2018.

PROJECT JUSTIFICATION: Runway needs to meet FAA standards. Runway length dependent on master plan and users survey.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$3,680,000				
Less Disposals					
NET COST	\$3,680,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Airport Land Acquisition, Design, & Taxiway & Runway Construction

Reference Number: 350-08-013

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land Acquisition			\$200,000	Grants & Aids
Site Improvement				90% Federal
Buildings				5% State
Runway			\$2,230,000	5% Local
Taxiway			\$900,000	(Local Share Prefunded)
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$350,000	
Force Labor				
Contingencies				
TOTAL PROJECT			\$3,680,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Maple Avenue Reconstruction

Department: Public Works

Reference Number: 301-06-353

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct Maple Avenue from Grand Avenue to Wheelock Avenue.

PROJECT DESCRIPTION: Replace curb, sidewalk, asphalt, and storm sewer on Maple Avenue.

PROJECT JUSTIFICATION: Street is in poor condition.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$232,500			
Less Disposals					
NET COST		\$232,500			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

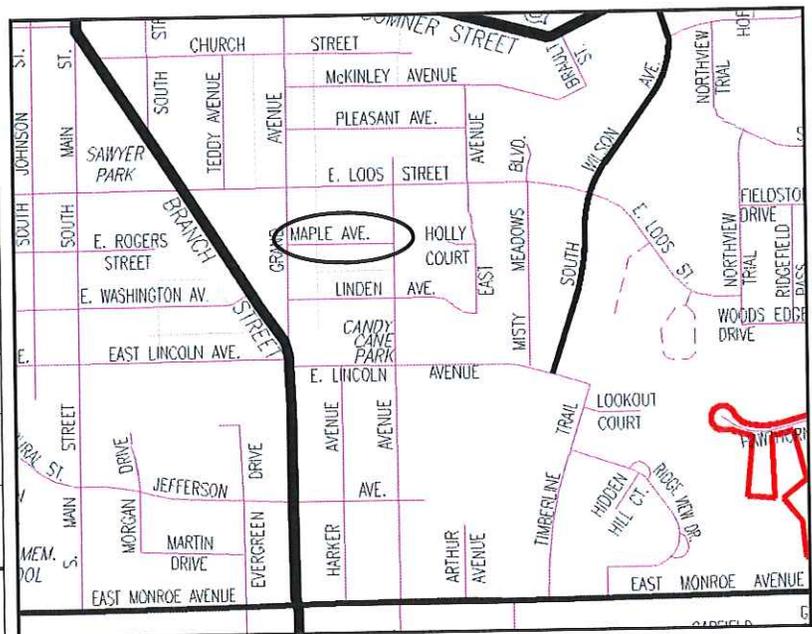
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Maple Avenue Reconstruction

Reference Number: 301-06-353

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	620 L.F.	\$145	\$89,900	GO Debt
Sidewalk	1240 L.F.	\$28	\$34,800	GO Debt
Curb/Gutter	1240 L.F.	\$22	\$27,300	GO Debt
Storm Sewer	500 L.F.	\$95	\$47,500	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$13,000	GO Debt
TOTAL PROJECT			\$232,500	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

West Rossman Street Reconstruction (Elm to Center St)

Department: Public Works

Reference Number: 301-08-380

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct West Rossman Street from Elm to Center Street after watermain replacement.

PROJECT DESCRIPTION: Replace sidewalk, curb, asphalt, and storm sewer on West Rossman.

PROJECT JUSTIFICATION: Street is in poor condition and watermain needs to be replaced due to the many watermain breaks on this street.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$378,625			
Less Disposals					
NET COST		\$378,625			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

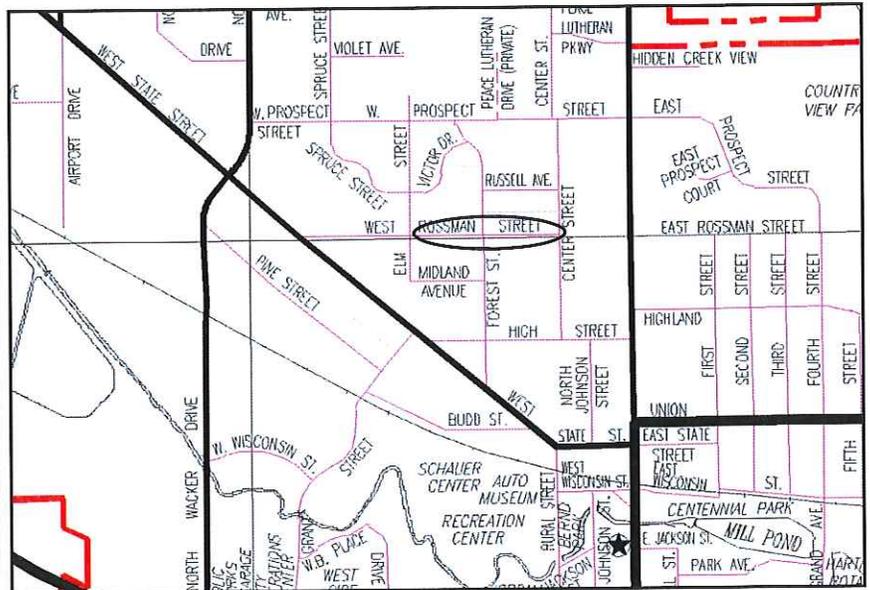
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

West Rossman Street Reconstruction (Elm to Center St)

Reference Number: 301-08-380

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1000 L.F.	\$145	\$145,000	GO Debt
Sidewalk	2000 L.F.	\$28	\$56,000	GO Debt
Curb/Gutter	2000 L.F.	\$22	\$44,000	GO Debt
Storm Sewer	975 L.F.	\$95	\$92,625	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$21,000	GO Debt
TOTAL PROJECT			\$378,625	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Harrison Street Reconstruction

Department: Public Works

Reference Number: 301-09-386

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct Harrison Street from Cedar Street to Troeller Court.

PROJECT DESCRIPTION: Reconstruction of entire street.

PROJECT JUSTIFICATION: Street is in poor condition with watermain work needed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$344,500			
Less Disposals					
NET COST		\$344,500			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

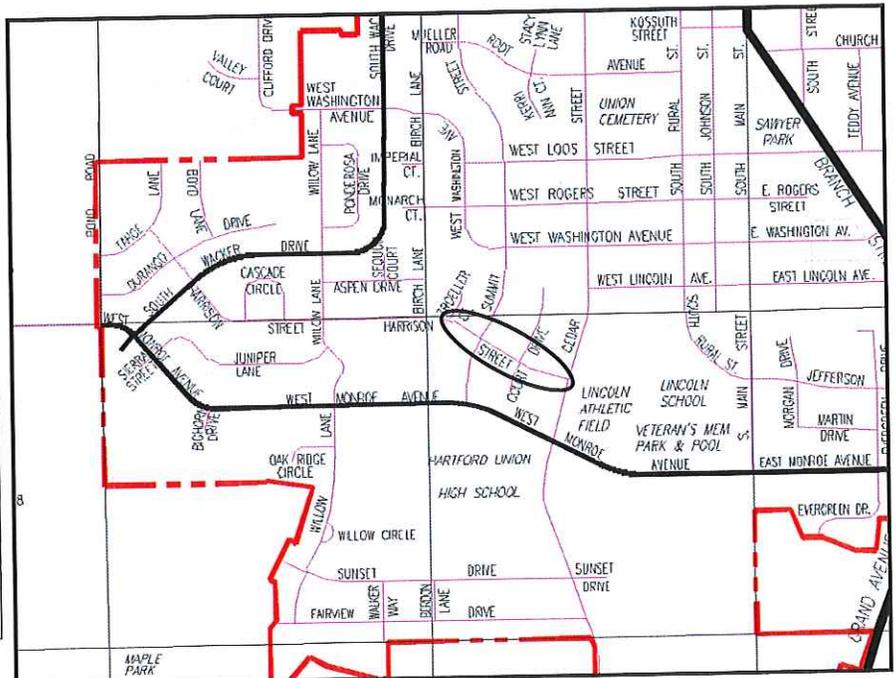
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Harrison Street Reconstruction

Reference Number: 301-09-386

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1100 L.F.	\$145	\$159,500	GO Debt
Sidewalk	2200 L.F.	\$28	\$61,600	GO Debt
Curb/Gutter	2200 L.F.	\$22	\$48,400	GO Debt
Storm Sewer			\$40,000	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$15,000	GO Debt
TOTAL PROJECT			\$344,500	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cedar Street Resurfacing

Department: Public Works

Reference Number: 301-11-400

Division: Streets

Fund: General

PROJECT OBJECTIVE: Resurface Cedar Street from West Lincoln Avenue to Harrison Street.

PROJECT DESCRIPTION: Replace the asphalt on Cedar Street from West Lincoln Avenue to Harrison Street in conjunction with the watermain replacement. Repair sidewalk and curb and gutter as needed.

PROJECT JUSTIFICATION: Street is in need of resurfacing.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$177,300			
Less Disposals					
NET COST		\$177,300			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

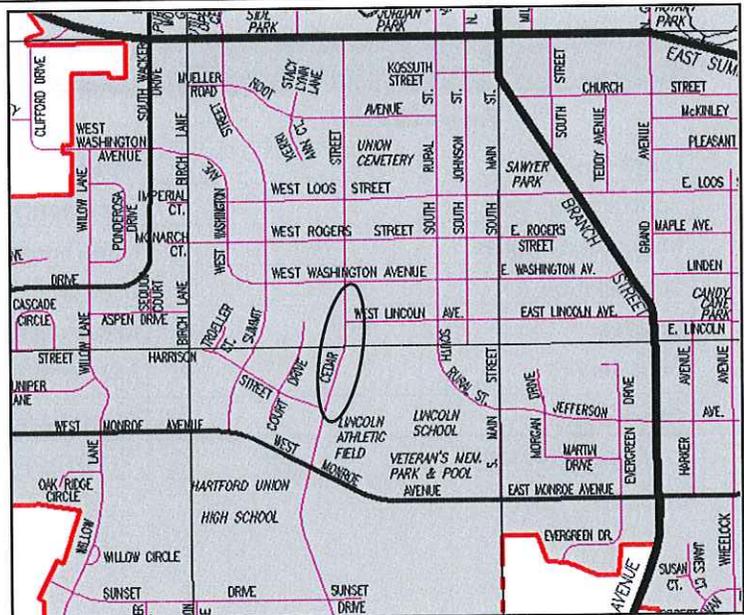
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cedar Street Resurfacing

Reference Number: 301-11-400

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	850 L.F.	\$145	\$123,300	GO Debt
Sidewalk	450 L.F.	\$30	\$13,500	GO Debt
Curb/Gutter	450 L.F.	\$30	\$13,500	GO Debt
Storm Sewer			\$10,000	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$10,000	GO Debt
Force Labor				
Contingencies			\$7,000	GO Debt
TOTAL PROJECT			\$177,300	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Dump Truck Plow & Wing Replacement

Department: Public Works

Reference Number: 301-11-402

Division: Streets

Fund: General

PROJECT OBJECTIVE: Update very old equipment.

PROJECT DESCRIPTION: Replace 1992 International dump.

PROJECT JUSTIFICATION: This truck is a single axel with a lot of miles and hours. It is also rusting very badly. This is the only conveyor truck used in the Streets Department.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$180,000			
Less Disposals		(\$5,000)			
NET COST		\$175,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Dump Truck Plow & Wing Replacement

Reference Number: 301-11-402

Cost	Per Unit	Total
Purchase Price		\$180,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$180,000

Estimated Equipment Usage	
4	Hours Per Day
2	Average Days Per Month
50	Weeks Per Year
20	Years in Service
\$9,000	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$175,000
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$175,000

Inventory and Replacement	
Similar Items in Inventory	Eight
Items Replaced	1992 International, Truck #312
Age of Items	26 years old at time of replacement
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Pickup Replacement

Department: Public Works

Reference Number: 301-14-412

Division: Streets

Fund: General

PROJECT OBJECTIVE: Replace pickup truck that is 15 years old.

PROJECT DESCRIPTION: This truck is used on all sidewalks during the winter, is worn out.

PROJECT JUSTIFICATION: Still running, in 5 years will be in very bad shape.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$23,000			
Less Disposals		(\$1,000)			
NET COST		\$22,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Pickup Replacement

Reference Number: 301-14-412

Cost	Per Unit	Total
Purchase Price		\$23,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$23,000

Estimated Equipment Usage	
2	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
15	Years in Service
\$1,533	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	\$22,000
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$22,000

Inventory and Replacement	
Similar Items in Inventory	4
Items Replaced	2003 Pickup
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fifth Street Reconstruction

Department: Public Works

Reference Number: 301-01-205

Division: Streets

Fund: General

PROJECT OBJECTIVE: Improve street surface of Fifth Street.

PROJECT DESCRIPTION: Reconstruct Fifth Street from East Wisconsin Street to Union Street.

PROJECT JUSTIFICATION: Street is in poor condition.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$172,775		
Less Disposals					
NET COST			\$172,775		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

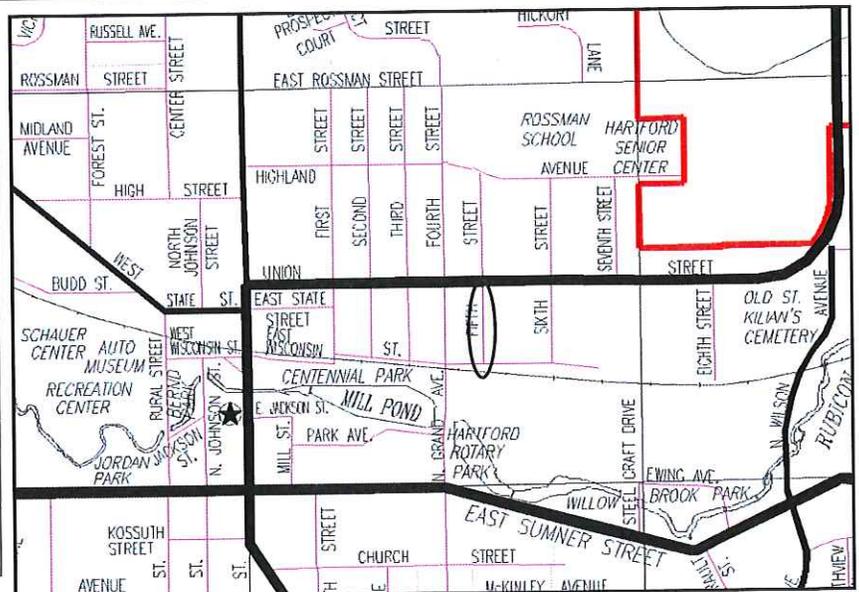
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fifth Street Reconstruction

Reference Number: 301-01-205

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	475 L.F.	\$145	\$68,875	GO Debt
Sidewalk	875 L.F.	\$28	\$24,500	GO Debt
Curb/Gutter	950 L.F.	\$22	\$20,900	GO Debt
Storm Sewer	300 L.F.	\$95	\$28,500	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$10,000	GO Debt
TOTAL PROJECT			\$172,775	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Martin Drive & Morgan Drive Reconstruction

Department: Public Works

Reference Number: 301-12-408

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct Martin Drive and Morgan Drive to improve drainage and pavement condition.

PROJECT DESCRIPTION: Reconstruct Martin Drive from Evergreen Drive to Morgan Drive, and Morgan Drive from Jefferson Avenue to Martin Drive. Increase the slope of Martin Drive to improve drainage.

PROJECT JUSTIFICATION: Pavement conditions are poor and drainage needs to be improved. Watermain needs to be replaced.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$312,000		
Less Disposals					
NET COST			\$312,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

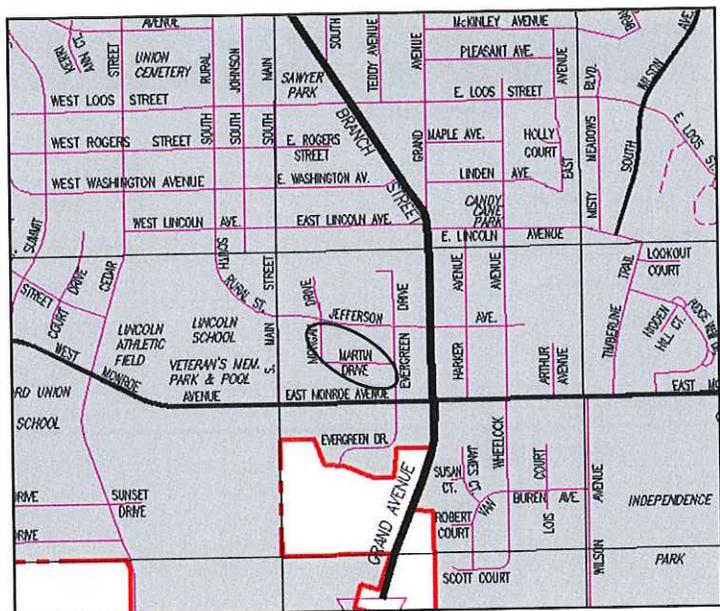
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Martin Drive and Morgan Drive Reconstruction

Reference Number: 301-12-408

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1000 L.F.	\$145	\$145,000	GO Debt
Sidewalk	2000 L.F.	\$28	\$56,000	GO Debt
Curb/Gutter	2000 L.F.	\$22	\$44,000	GO Debt
Storm Sewer	400 L.F.	\$95	\$38,000	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$15,000	GO Debt
Force Labor				
Contingencies			\$14,000	GO Debt
TOTAL PROJECT			\$312,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

South Main Street Resurfacing

Department: Public Works

Reference Number: 301-15-419

Division: Streets

Fund: General

PROJECT OBJECTIVE: Resurface South Main Street from Monroe Avenue to Lincoln Avenue in conjunction with the watermain construction.

PROJECT DESCRIPTION: Place 5" asphalt on South Main Street and repair curb and sidewalk where needed.

PROJECT JUSTIFICATION: Street needs resurfacing after watermain replacement.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$300,500		
Less Disposals					
NET COST			\$300,500		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

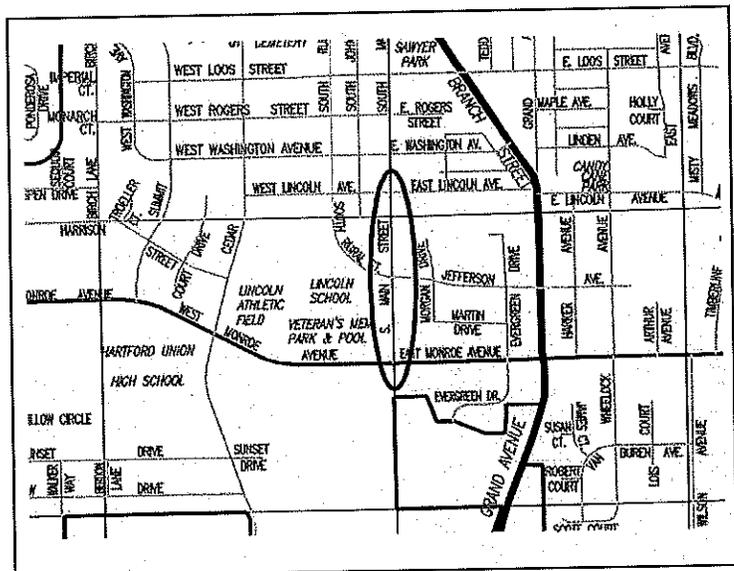
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

South Main Street Resurfacing

Reference Number: 301-15-419

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1500 L.F.	\$145	\$217,500	GO Debt
Sidewalk	800 L.F.	\$30	\$24,000	GO Debt
Curb/Gutter	800 L.F.	\$30	\$24,000	GO Debt
Storm Sewer	64.50	\$155	\$10,000	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$10,000	GO Debt
Force Labor				
Contingencies			\$15,000	GO Debt
TOTAL PROJECT			\$300,500	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

East Wisconsin Street Reconstruction

Department: Public Works

Reference Number: 301-15-420

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct East Wisconsin Street from North Fifth Street to the east end of the street in conjunction with the watermain replacement.

PROJECT DESCRIPTION: Replace asphalt and install new curb and storm sewer to improve drainage.

PROJECT JUSTIFICATION: Street is in poor condition and the watermain needs replacement. Also, adding new curb and storm sewer will improve the drainage.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$186,300		
Less Disposals					
NET COST			\$186,300		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

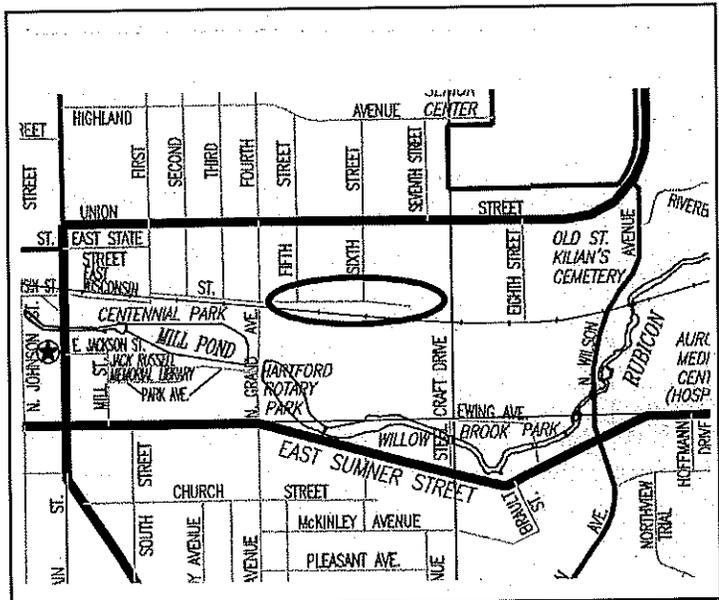
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

East Wisconsin Street Reconstruction

Reference Number: 301-15-420

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	750 L.F.	\$145	\$108,800	GO Debt
Sidewalk				
Curb/Gutter	750 L.F.	\$22	\$16,500	GO Debt
Storm Sewer	400 L.F.	\$95	\$38,000	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$15,000	GO Debt
Force Labor				
Contingencies			\$8,000	GO Debt
TOTAL PROJECT			\$186,300	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Loader Replacement

Department: Public Works

Reference Number: 301-16-425

Division: Streets

Fund: General

PROJECT OBJECTIVE: Replace a piece of equipment that is used very much, 20 years old at time of replacement.

PROJECT DESCRIPTION: This loader is used in the day-to-day plowing in the winter, also for daily use in the summer.

PROJECT JUSTIFICATION: Starting to get costly for needed repairs, pins, tires, etc. Quite a bit of rust.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$180,000		
Less Disposals			(\$40,000)		
NET COST			\$140,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Loader Replacement

Reference Number: 301-16-425

Cost	Per Unit	Total
Purchase Price		\$180,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$180,000

Estimated Equipment Usage	
4	Hours Per Day
4	Average Days Per Week
40	Weeks Per Year
20	Years in Service
\$9,000	Annual Capital Cost

Revenue Sources	
Tax Levy	\$140,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$140,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	
Age of Items	
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2019

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

New Surveying Equipment (Total Station)

Department: Engineering

Reference Number: 601-15-031

Division: Engineering

Fund: General

PROJECT OBJECTIVE: Improve the efficiency of field crews when performing survey work and allow City personnel to perform engineering design of street projects.

PROJECT DESCRIPTION: Purchase a new robotic total station, data collector, and associated equipment to replace the current equipment.

PROJECT JUSTIFICATION: The current equipment is 20 plus years old, is obsolete, and no longer works with the current software. This equipment will allow City personnel to complete design work for street projects and save money on consultant engineering fees.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$36,000		
Less Disposals			(\$2,000)		
NET COST			\$34,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

New Surveying Equipment (Total Station)

Reference Number: 601-15-031

Cost	Per Unit	Total
Purchase Price		\$36,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$36,000

Estimated Equipment Usage	
2	Hours Per Day
2	Average Days Per Week
40	Weeks Per Year
10	Years in Service
\$3,600	Annual Capital Cost

Revenue Sources	
Tax Levy	\$34,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$34,000

Inventory and Replacement	
Similar Items in Inventory	
Items Replaced	1994 Data Collector/1989 Total Station
Age of Items	20+ years old
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Harker Avenue Resurfacing

Department: Public Works

Division: Streets

Reference Number: 301-13-409

Fund: General

PROJECT OBJECTIVE: Resurface Harker Avenue after watermain replacement and add new storm sewer to improve drainage.

PROJECT DESCRIPTION: Replace the asphalt on Harker Avenue from East Monroe Avenue to East Lincoln Avenue. Also repair/replace sidewalk and curb and gutter as needed. Install new storm sewer.

PROJECT JUSTIFICATION: Street needs resurfacing after watermain replacement and also needs storm sewer improvements.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$341,125	
Less Disposals					
NET COST				\$341,125	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

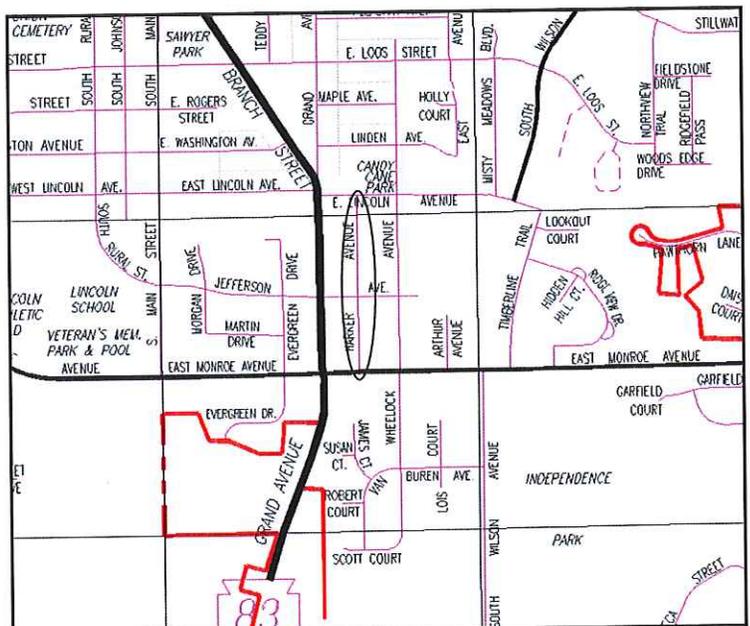
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Harker Avenue Resurfacing

Reference Number: 301-13-409

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1425 L.F.	\$145	\$206,625	GO Debt
Sidewalk	700 L.F.	\$30	\$21,000	GO Debt
Curb/Gutter	700 L.F.	\$30	\$21,000	GO Debt
Storm Sewer	700 L.F.	\$95	\$66,500	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$10,000	GO Debt
Force Labor				
Contingencies			\$16,000	GO Debt
TOTAL PROJECT			\$341,125	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

North Wacker Drive Reconstruction

Department: Public Works

Reference Number: 301-16-423

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct North Wacker Drive from the railroad tracks to West State Street in conjunction with watermain replacement.

PROJECT DESCRIPTION: Reconstruct the entire street replacing the curb and asphalt, repairing storm sewer, and adding sidewalk.

PROJECT JUSTIFICATION: Street is in poor condition, watermain work is needed, and there is currently no sidewalk.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$364,300	
Less Disposals					
NET COST				\$364,300	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

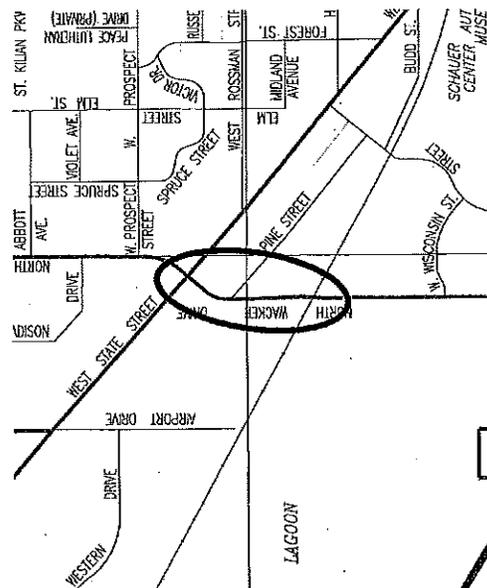
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

North Wacker Drive Reconstruction

Reference Number: 301-16-423

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	950 L.F.	\$145	\$137,750	GO Debt
Sidewalk	1000 L.F.	\$28	\$28,000	GO Debt
Curb/Gutter	1900 L.F.	\$22	\$41,800	GO Debt
Storm Sewer	950 L.F.	\$125	\$118,750	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$18,000	GO Debt
TOTAL PROJECT			\$364,300	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Dump Truck Plow & Wing Replacement

Department: Public Works

Reference Number: 301-17-431

Division: Streets

Fund: General

PROJECT OBJECTIVE: Update very old equipment.

PROJECT DESCRIPTION: Replace 1996 International truck.

PROJECT JUSTIFICATION: This unit will be 24 years old, has quite a bit of rust, is getting costly to repair.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$180,000	
Less Disposals				(\$5,000)	
NET COST				\$175,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Dump Truck Plow & Wing Replacement

Reference Number: 301-17-431

Cost	Per Unit	Total
Purchase Price		\$180,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$180,000

Estimated Equipment Usage	
	Hours Per Day
	Average Days Per Week
	Weeks Per Year
24	Years in Service
\$7,500	Annual Capital Cost

Revenue Sources	
Tax Levy	\$175,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$175,000

Inventory and Replacement	
Similar Items in Inventory	8
Items Replaced	1996 International tandem dump truck
Age of Items	24 years old in 2020
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2020

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Apron Reconstruction

Department: Public Works

Reference Number: 350-12-022

Division: Airport

Fund: General

PROJECT OBJECTIVE: To provide safer access to hangers and fuel farm.

PROJECT DESCRIPTION: Grind up old asphalt and put down new.

PROJECT JUSTIFICATION: This is the last construction project to finish the new runway.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$300,000	
Less Disposals					
NET COST				\$300,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Apron Reconstruction

Reference Number: 350-12-022

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway			\$300,000	Grants & Aids
Sidewalk				90% Federal
Curb/Gutter				5% State
Storm Sewer				5% Local
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$300,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2020

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Downtown Stormwater/Parking Improvements

Department: Engineering

Reference Number: 601-16-032

Division: Engineering

Fund: General

PROJECT OBJECTIVE: Provide funding for public improvements related to public/private downtown renewal project(s).

PROJECT DESCRIPTION: Replace/repair/consolidate public parking areas. Improve stormwater detention/retention in older downtown area(s), including demolition of adjacent sites.

PROJECT JUSTIFICATION: Urban renewal projects will require public/private parking including building removal. Older downtown areas are among the least efficient stormwater detention areas.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$500,000	
Less Disposals					
NET COST				\$500,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	\$12,500
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	\$12,500
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$25,000

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Prospect Street Storm Sewer Extension and Reconstruction

Department: Public Works

Reference Number: 301-04-343

Division: Streets

Fund: General

PROJECT OBJECTIVE: Connect storm sewer on West Prospect Street to storm sewer in Blacks Subdivision. Reconstruct the roadway in conjunction with the utility work.

PROJECT DESCRIPTION: Install 725 linear feet of 12 inch storm sewer in West Prospect Street. Reconstruct the entire roadway.

PROJECT JUSTIFICATION: Storm sewer needs to be connected to the subdivision storm sewer to improve drainage. Roadway is in poor condition.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$313,000
Less Disposals					
NET COST					\$313,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

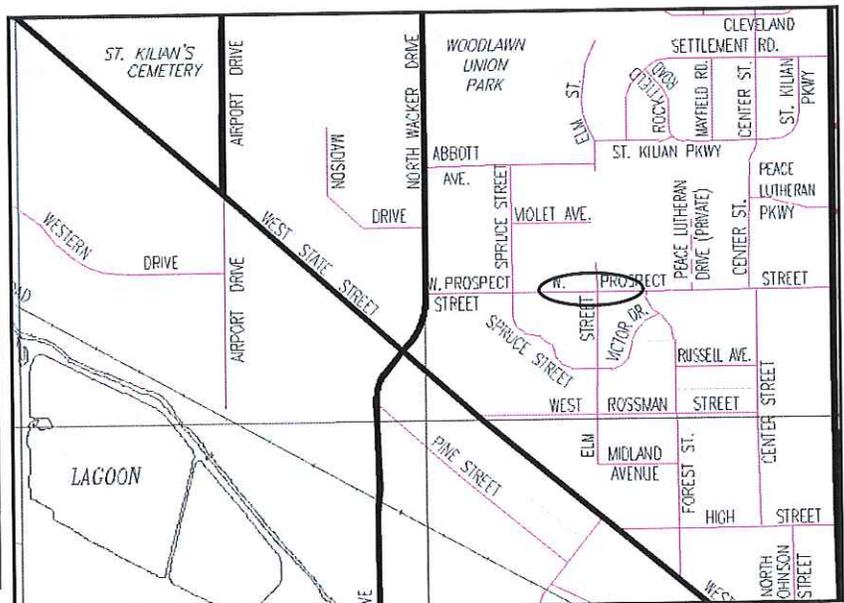
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Prospect Street Storm Sewer Extension and Reconstruction

Reference Number: 301-05-343

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	925 L.F.	\$145	\$134,125	GO Debt
Sidewalk	1500 L.F.	\$28	\$42,000	GO Debt
Curb/Gutter	1500 L.F.	\$22	\$33,000	GO Debt
Storm Sewer	725 L.F.	\$95	\$68,875	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$15,000	GO Debt
TOTAL PROJECT			\$313,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Budd Street Reconstruction

Department: Public Works

Reference Number: 301-13-410

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct Budd Street from Grant Street to West State Street in conjunction with watermain replacement.

PROJECT DESCRIPTION: Reconstruct the entire street with the addition of new curb and gutter on the west half of the street and new storm sewer.

PROJECT JUSTIFICATION: Street is in poor condition, watermain work is needed, and drainage is poor due to lack of storm sewer and curb and gutter.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$375,325
Less Disposals					
NET COST					\$375,325

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

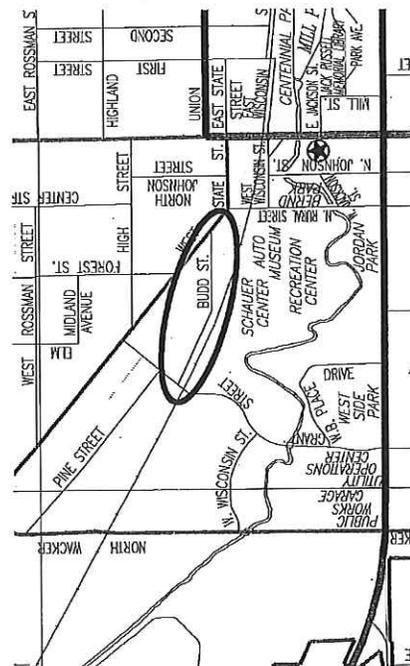
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Budd Street Reconstruction

Reference Number: 301-13-410

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1225 L.F.	\$145	\$177,625	GO Debt
Sidewalk	1600 L.F.	\$28	\$44,800	GO Debt
Curb/Gutter	2450 L.F.	\$22	\$53,900	GO Debt
Storm Sewer	600 L.F.	\$95	\$57,000	GO Debt
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$22,000	GO Debt
TOTAL PROJECT			\$375,325	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

East Lincoln Avenue Reconstruction

Department: Public Works

Reference Number: 301-15-418

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct East Lincoln Avenue from Grand Avenue to Misty Meadows Boulevard in conjunction with the watermain replacement.

PROJECT DESCRIPTION: Replace sidewalk, curb, asphalt, and storm sewer on East Lincoln Avenue.

PROJECT JUSTIFICATION: Street is in poor condition and the watermain needs replacement. Also, increasing the size of the storm sewer will improve drainage for this area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$590,000
Less Disposals					
NET COST					\$590,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

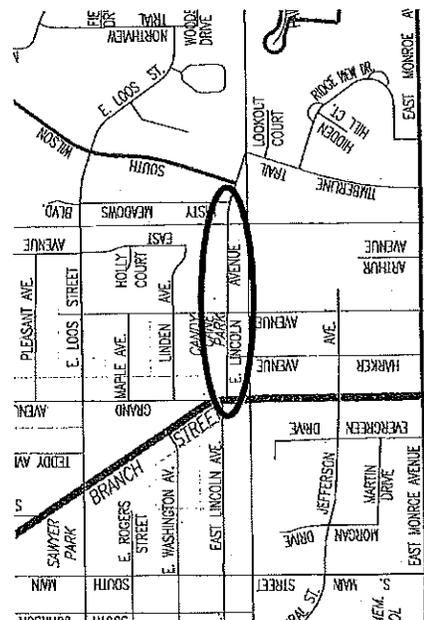
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

East Lincoln Avenue Reconstruction

Reference Number: 301-15-418

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway	1350 L.F.	\$145	\$195,750	GO Debt
Sidewalk	2700 L.F.	\$28	\$75,600	GO Debt
Curb/Gutter	2700 L.F.	\$22	\$59,400	GO Debt
Storm Sewer	1350 L.F.	\$155	\$209,250	GO Debt
Lighting				
Electric				
Water				
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$20,000	GO Debt
Force Labor				
Contingencies			\$30,000	GO Debt
TOTAL PROJECT			\$590,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Loos Street Reconstruction

Department: Public Works

Reference Number: 301-16-422

Division: Streets

Fund: General

PROJECT OBJECTIVE: Reconstruct West Loos Street from Summit Street to Cedar Street in conjunction with watermain replacement and sanitary sewer repairs.

PROJECT DESCRIPTION: Reconstruct the entire street replacing the curb, asphalt, and sidewalk. Also add storm sewer to improve drainage.

PROJECT JUSTIFICATION: Street is in poor condition, watermain work is needed, and sanitary sewer work is needed.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$212,750
Less Disposals					
NET COST					\$212,750

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Pickup Replacement

Department: Public Works

Reference Number: 301-17-432

Division: Streets

Fund: General

PROJECT OBJECTIVE: This truck is our workhorse, pulling trailers and has a winch on bumper.

PROJECT DESCRIPTION: Replace a 2008 3/4 ton truck.

PROJECT JUSTIFICATION: Showing signs of rust, used every day.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$30,000
Less Disposals					(\$1,000)
NET COST					\$29,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Pickup Replacement

Reference Number: 301-17-432

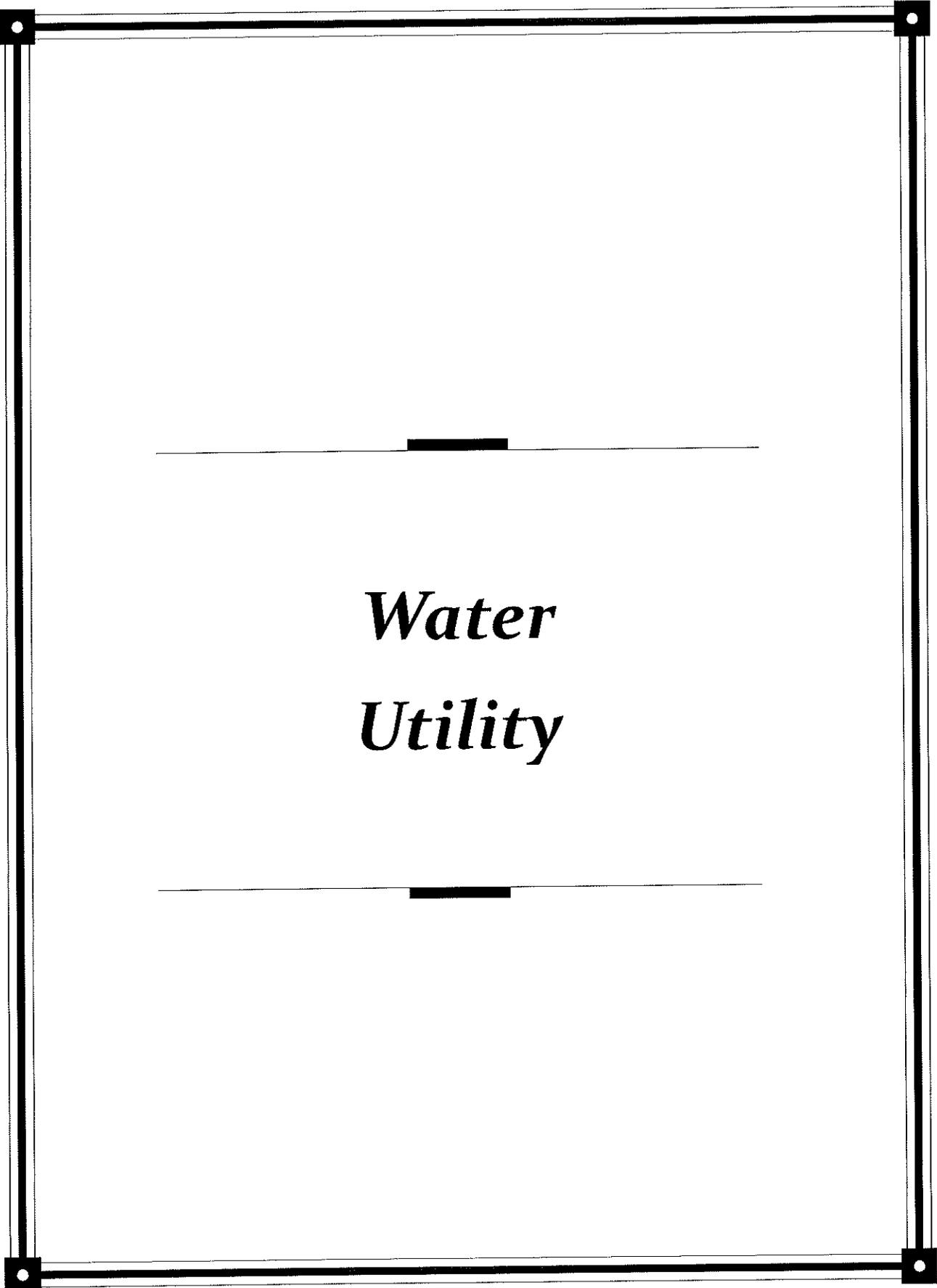
Cost	Per Unit	Total
Purchase Price		\$30,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$30,000

Estimated Equipment Usage	
8	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
15	Years in Service
\$2,000	Annual Capital Cost

Revenue Sources	
Tax Levy	\$29,000
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	
Other Revenues	
TOTAL SOURCES	\$29,000

Inventory and Replacement	
Similar Items in Inventory	4
Items Replaced	
Age of Items	13 years in 2021
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2021



*Water
Utility*

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Lincoln Watermain Replacement

Department: Water Utility

Reference Number: 360-13-296

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on East Lincoln Avenue.

PROJECT DESCRIPTION: Replace approximately 1300 linear feet of 4" watermain with an 8" watermain on East Lincoln Avenue between South Main Street and Grand Avenue.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection for the area. This watermain has broken numerous times in the past. The watermain replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$198,000				
Less Disposals					
NET COST	\$198,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

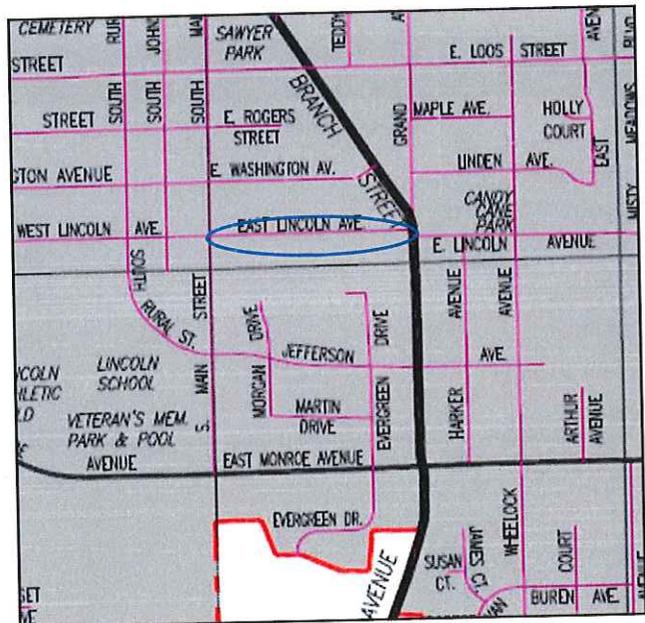
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

East Lincoln Watermain Replacement

Reference Number: 360-13-296

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1300 L.F.	\$145	\$188,500	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$4,500	Retained Earnings
TOTAL PROJECT			\$198,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

High Street Water System Upgrade

Department: Water Utility

Reference Number: 360-15-299

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Abandon the 8" watermain on High Street.

PROJECT DESCRIPTION: Abandon the 8" watermain on High Street between Center Street and North Main Street and connect the service laterals to the existing 10" watermain.

PROJECT JUSTIFICATION: Two watermains are not needed in this area. Abandoning the older and smaller watermain will increase reliability and simplify the water system in this area. This project is coordinated with the road reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$35,000				
Less Disposals					
NET COST	\$35,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

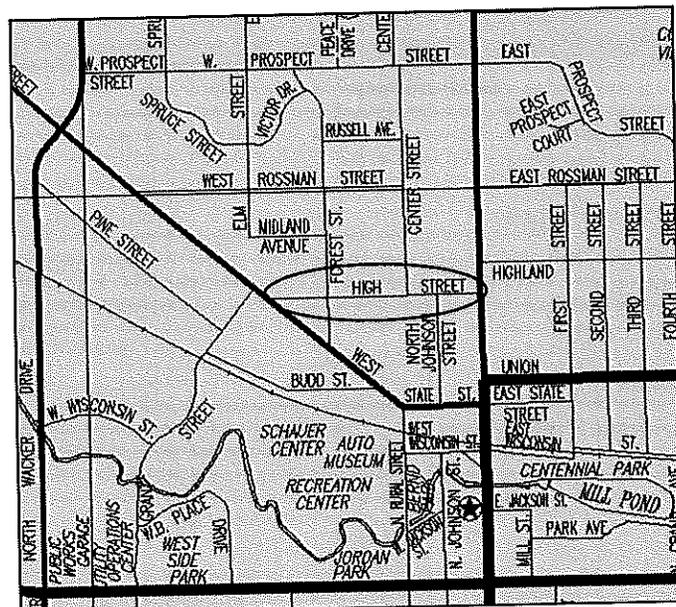
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

High Street Water System Upgrade

Reference Number: 360-15-299

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water				
Water—Relocate Facilities			\$28,400	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$2,500	Retained Earnings
Force Labor				
Contingencies			\$4,100	Retained Earnings
TOTAL PROJECT			\$35,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Wacker Drive Bridge Watermain Replacement

Department: Water Utility

Reference Number: 360-16-304

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Relocate watermain to accommodate the reconstruction of the bridge.

PROJECT DESCRIPTION: Replace approximately 360 L.F. of 10" watermain with a 12" watermain on Wacker Drive between West Wisconsin Street and the south side of the bridge.

PROJECT JUSTIFICATION: The original intent of this project was to upgrade the watermain as part of the bridge reconstruction project. However, the watermain broke in this area earlier this spring which required the watermain to be isolated until repairs are made. Ultimately, the replacement will allow for increased water pressure and fire protection and will promote system reliability for the area.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$139,000				
Less Disposals					
NET COST	\$139,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

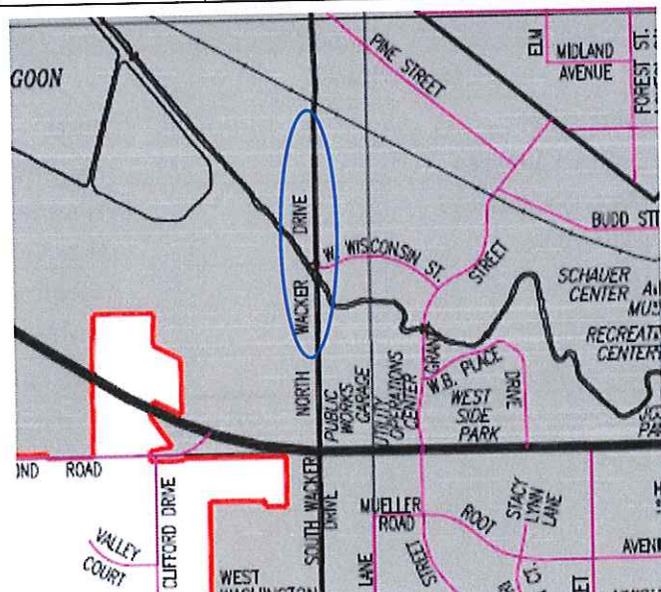
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Wacker Drive Bridge Watermain Replacement

Reference Number: 360-16-304

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water—Excavate	70 L.F.	\$165	\$11,550	Retained Earnings
Water—Bore	290 L.F.	\$400	\$116,000	
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$6,450	Retained Earnings
TOTAL PROJECT			\$139,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		X
3	X	
4		
Scheduled	2020	2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Monroe Avenue Watermain Replacement

Department: Water Utility

Reference Number: 360-17-308

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure, fire protection and improve water system reliability on Monroe Avenue.

PROJECT DESCRIPTION: Replace approximately 1,140 linear feet of 10" watermain with a 10" watermain on Monroe Avenue between South Main Street and Evergreen Avenue.

PROJECT JUSTIFICATION: This section of watermain is aging and has broken numerous times in the past year. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$187,000				
Less Disposals					
NET COST	\$187,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

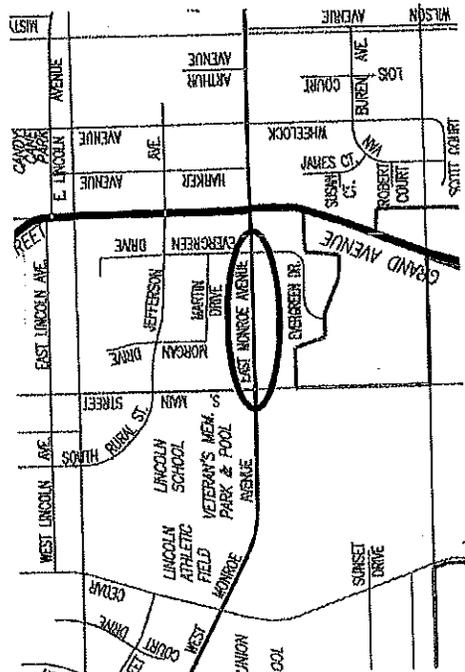
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

Monroe Avenue Watermain Replacement

Reference Number: 360-17-308

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1140 L.F.	\$155	\$176,700	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,300	Retained Earnings
TOTAL PROJECT			\$187,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

South Wilson & Van Buren Intersection Watermain Replacement

Department: Water Utility

Reference Number: 360-17-309

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure, fire protection and improve water system reliability on South Wilson Avenue.

PROJECT DESCRIPTION: Replace approximately 160 linear feet of 10" cast iron watermain with a 10" ductile iron watermain at the intersection of South Wilson Avenue and Van Buren Avenue.

PROJECT JUSTIFICATION: The watermain on South Wilson Avenue south of Van Buren Avenue is radially fed. Any water breaks occurring at this intersection would disrupt service to all customers south of the intersection until repairs are complete. Replacing the watermain at this intersection will increase reliability until the watermain is looped in the future.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost	\$33,000				
Less Disposals					
NET COST	\$33,000				

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2017 PROJECT YEAR

South Wilson & Van Buren Intersection Watermain Replacement

Reference Number: 360-17-309

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	160 L.F.	\$155	\$24,800	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$3,400	Retained Earnings
Force Labor				
Contingencies			\$4,800	Retained Earnings
TOTAL PROJECT			\$33,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2017



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

West Rossman Street Watermain Replacement

Department: Water Utility

Reference Number: 360-01-213

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on West Rossman Street.

PROJECT DESCRIPTION: Replace approximately 500 linear feet of 4" and 600 linear feet of 6" watermain with an 8" watermain on West Rossman Street between Elm Street and Center Street.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. This section of watermain has broken numerous times in the past and the DNR code requires the replacement of all 4" watermains. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$169,000			
Less Disposals					
NET COST		\$169,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

West Rossman Street Watermain Replacement

Reference Number: 360-01-213

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1100 L.F.	\$145	\$159,500	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$4,500	Retained Earnings
TOTAL PROJECT			\$169,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Maple Avenue Watermain Replacement

Department: Water Utility

Reference Number: 360-06-269

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Maple Avenue.

PROJECT DESCRIPTION: Replace approximately 700 linear feet of 4" watermain with an 8" watermain on Maple Avenue between Wheelock Avenue and Grand Avenue.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection for the area. The DNR code requires the replacement of 4" watermain. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$111,000			
Less Disposals					
NET COST		\$111,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

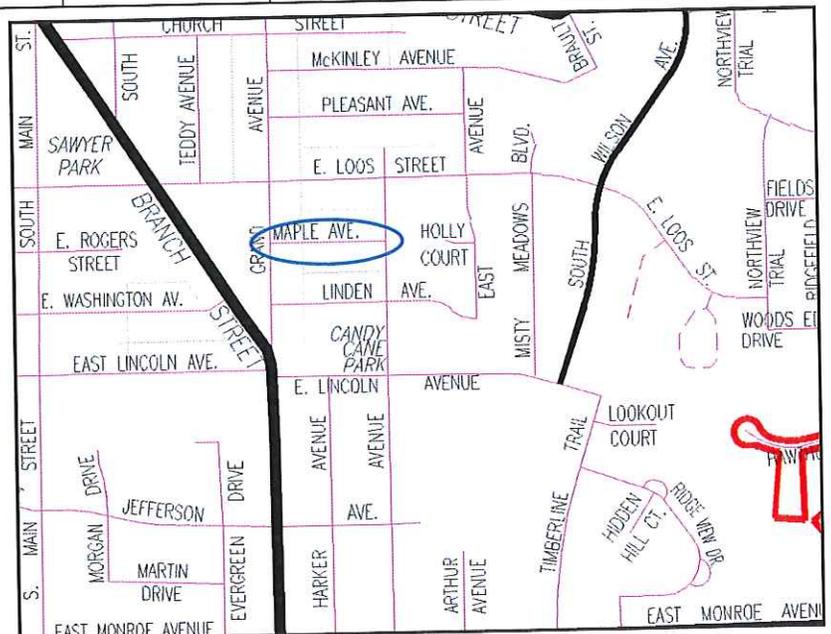
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Maple Avenue Watermain Replacement

Reference Number: 360-06-269

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	700 L.F.	\$145	\$101,500	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$4,500	Retained Earnings
TOTAL PROJECT			\$111,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Harrison Street Watermain Replacement

Department: Water Utility

Reference Number: 360-11-283

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Harrison Street.

PROJECT DESCRIPTION: Replace approximately 1,350 linear feet of 6" watermain with a 10" watermain on Harrison Street between Cedar Street and Birch Lane.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection for the area. This section of watermain is aging and has broken numerous times in the past. This replacement is also coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$220,000			
Less Disposals					
NET COST		\$220,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cedar Street Watermain Replacement

Department: Water Utility

Reference Number: 360-11-285

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Cedar Street.

PROJECT DESCRIPTION: Replace approximately 800 linear feet of 6" watermain with a 10" watermain on Cedar Street between Harrison Avenue and Lincoln Avenue.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection for the area and promotes system reliability for the area. This section of watermain is old and has broken numerous times in the past. This project is coordinated with a street resurfacing project

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$134,000			
Less Disposals					
NET COST		\$134,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

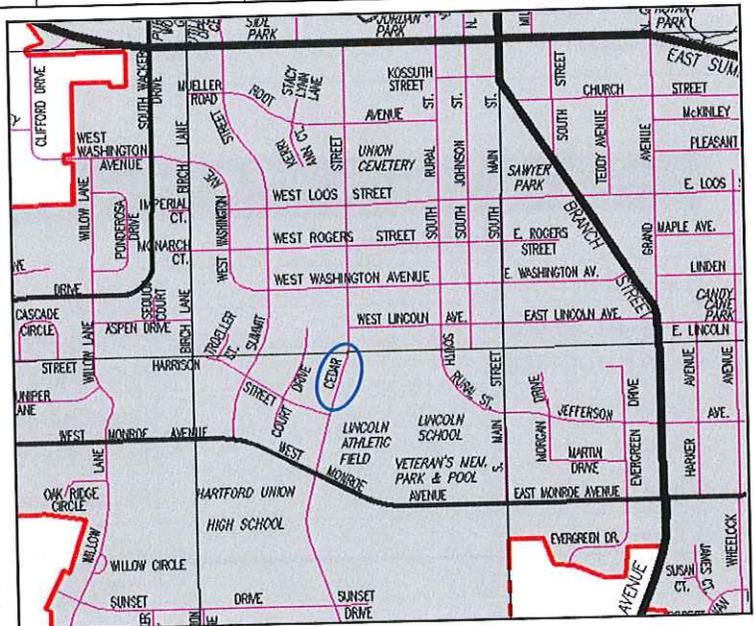
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Cedar Street Watermain Replacement

Reference Number: 360-11-285

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	800 L.F.	\$155	\$124,000	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$134,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Water Tower Exterior Overcoat

Department: Water Utility

Reference Number: 360-17-310

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Annually monitor the existing exterior paint system on the 300,000 gallon water tower on Monroe Avenue to extend the life of the current paint system.

PROJECT DESCRIPTION: Visually inspect the exterior paint system annually to determine if recoating is needed. When recoating is required, a contractor will pressure wash the exterior to remove any delamination or flaking and contaminants. Any coating failures will be spot cleaned and primed. One coat of epoxy and two coats of polyurethane will be applied to the entire tower.

PROJECT JUSTIFICATION: This tower was inspected in 2016 and the inspection report recommends monitoring the exterior paint system over the next few years and applying an overcoat as needed. Overcoating the tower will extend the life of the existing paint system for approximately 15 years which prevents the need to sandblast and paint the tower prematurely.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost		\$100,000			
Less Disposals					
NET COST		\$100,000			

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

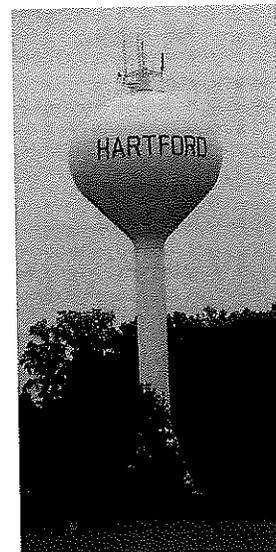
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2018 PROJECT YEAR

Water Tower Exterior Overcoat

Reference Number: 360-17-310

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water			\$95,000	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.				
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$100,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3		X
4		
Scheduled		2018



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fifth Street Watermain Replacement

Department: Water Utility

Reference Number: 360-02-226

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Fifth Street.

PROJECT DESCRIPTION: Replace approximately 580 linear feet of 4" watermain with a 10" watermain on Fifth Street between Union Street and East Wisconsin Street.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection for the area. The DNR code requires the replacement of 4" watermains. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$100,000		
Less Disposals					
NET COST			\$100,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

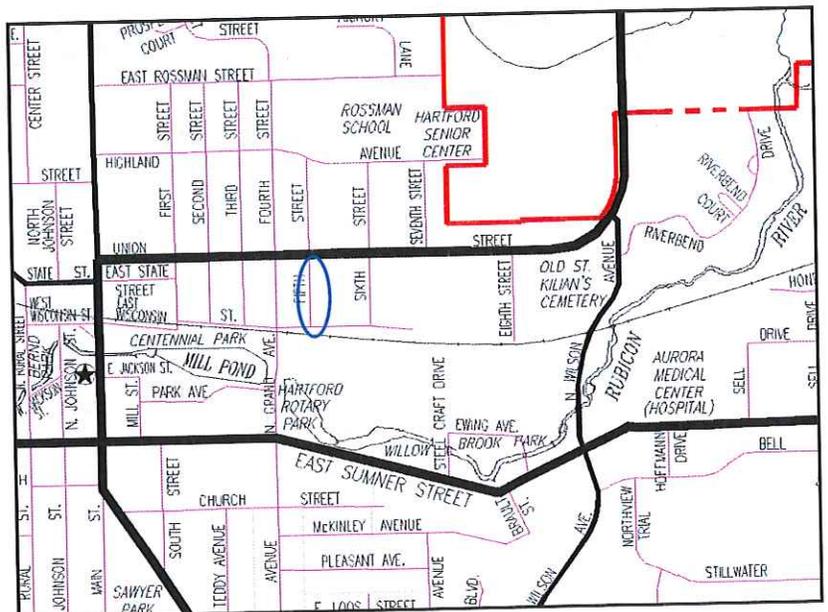
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Fifth Street Watermain Replacement

Reference Number: 360-02-226

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	580 L.F.	\$155	\$89,900	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,100	Retained Earnings
TOTAL PROJECT			\$100,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

East Wisconsin Street Watermain Replacement

Department: Water Utility

Reference Number: 360-05-262

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on East Wisconsin Street.

PROJECT DESCRIPTION: Replace approximately 500 linear feet of 6" watermain with an 8" watermain on East Wisconsin Street between Fifth Street and Sixth Street.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$82,000		
Less Disposals					
NET COST			\$82,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

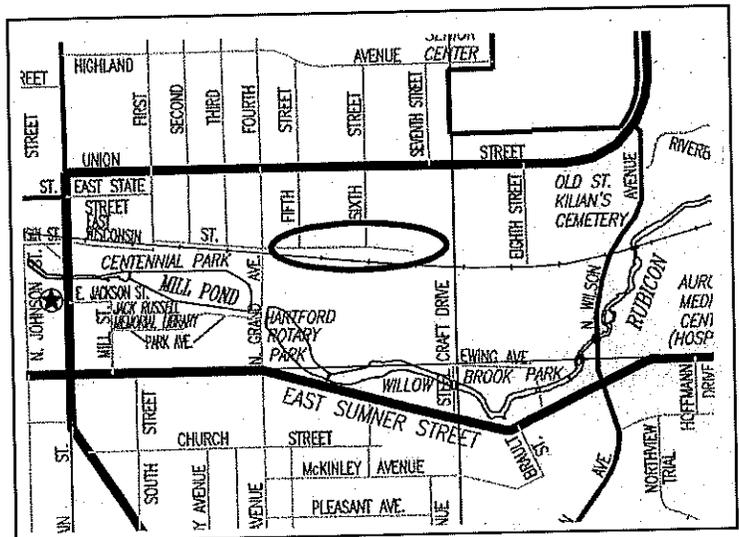
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

East Wisconsin Street Watermain Replacement

Reference Number: 360-05-262

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	500 L.F.	\$145	\$72,500	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$4,500	Retained Earnings
TOTAL PROJECT			\$82,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Martin Drive and Morgan Drive Watermain Replacement

Department: Water Utility

Reference Number: 360-12-293

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Martin Drive and Morgan Drive.

PROJECT DESCRIPTION: Replace approximately 1000' of 6" watermain with an 8" watermain on Martin Drive and Morgan Drive between Jefferson Avenue and Evergreen Drive.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. This section of watermain is old and has broken numerous times in the past. This project is coordinated with a street resurfacing project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$155,000		
Less Disposals					
NET COST			\$155,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

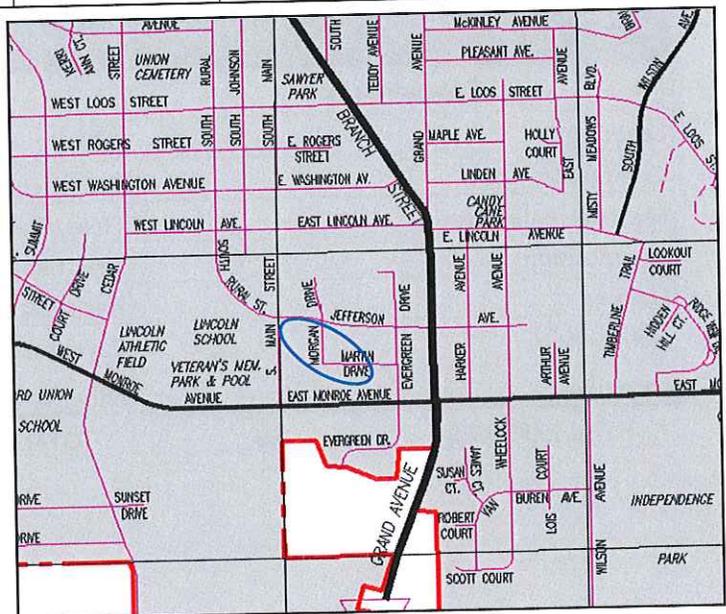
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

Martin Drive and Morgan Drive Watermain Replacement

Reference Number: 360-12-293

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1000 L.F.	\$145	\$145,000	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$155,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2017	2019



**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR**

South Main Street Watermain Replacement

Department: Water Utility

Reference Number: 360-15-300

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on South Main Street.

PROJECT DESCRIPTION: Replace approximately 1200' of 6" watermain with an 8" watermain on South Main Street between Monroe Avenue and Lincoln Avenue.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. This section of watermain is old and has broken numerous times in the past. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$184,000		
Less Disposals					
NET COST			\$184,000		

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

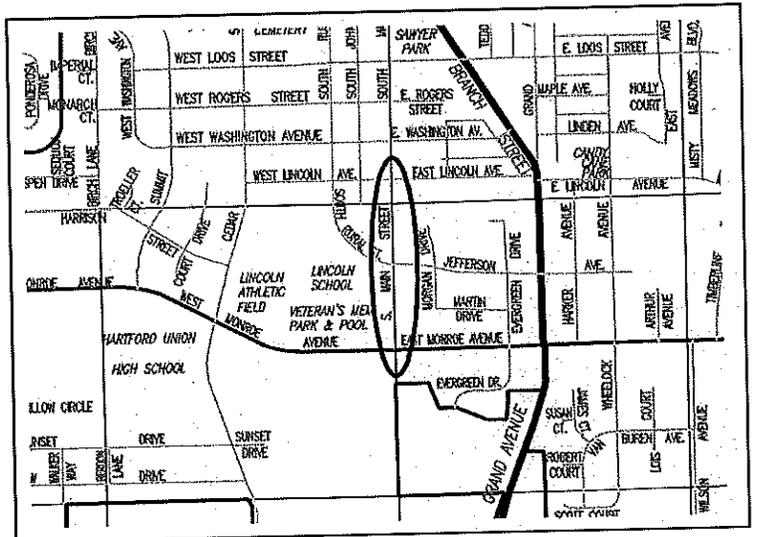
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019 PROJECT YEAR

South Main Street Watermain Replacement

Reference Number: 360-15-300

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1200 L.F.	\$145	\$174,000	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$184,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019—2021 PROJECT YEARS

Water Meter Replacement Program 50%

Department: Water Utility

Reference Number: 360-16-303

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Replace all commercial, industrial and residential water meters.

PROJECT DESCRIPTION: Over a five year period replace all water meter transponders using the automatic meter reading technology (AMR) with a new water meter using advanced metering infrastructure (AMI) technology. Water meter chambers will be replaced with the new low-lead housing.

PROJECT JUSTIFICATION: The Public Service Commission requires all water meters to be replaced within 20 years of the original installation date. The batteries in the water meter transponders are near the end of their expected life of 15-20 years. The EPA has reduced the amount of lead allowable in brass fittings and meters, therefore, all brass meter chambers must be replaced.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost			\$130,000	\$130,000	\$130,000
Less Disposals					
NET COST			\$130,000	\$130,000	\$130,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2019—2021 PROJECT YEARS

Water Meter Replacement Program 50%

Reference Number: 360-16-303

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water Meters	3550		\$355,000	Retained Earnings
Sanitary Sewer				
Equipment			\$35,000	Retained Earnings
Engineering/Arch.				
Force Labor				
Contingencies				
TOTAL PROJECT			\$390,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2	X	X
3		
4		
Scheduled	2019	2019



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Harker Avenue Watermain Replacement

Department: Water Utility

Reference Number: 360-12-289

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Harker Avenue.

PROJECT DESCRIPTION: Replace approximately 1,800 linear feet of the existing 6" watermain with an 8" watermain on Harker Avenue between East Monroe Avenue and Lincoln Avenue.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. The watermain is aging and has had numerous water breaks in the past. This project is coordinated with the road reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$271,000	
Less Disposals					
NET COST				\$271,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

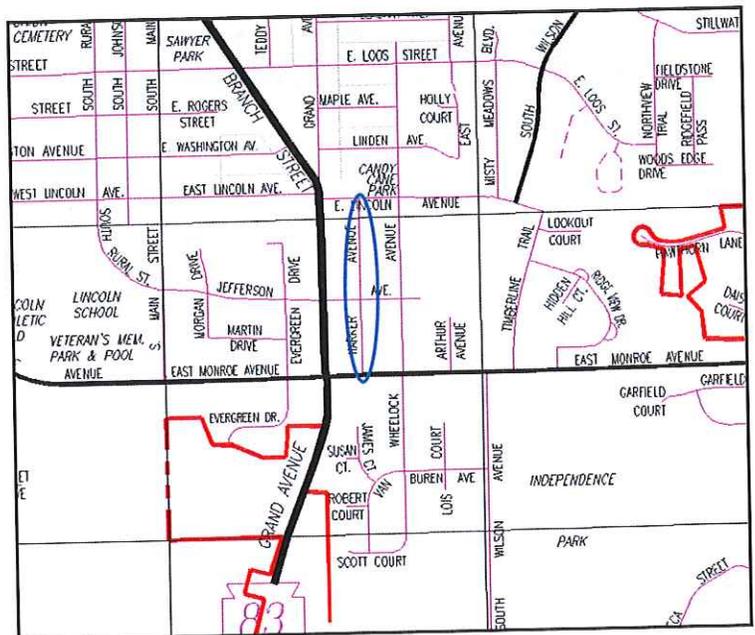
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Harker Avenue Watermain Replacement

Reference Number: 360-12-289

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Lighting				
Electric				
Water	1800 L.F.	\$145	\$261,000	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$271,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2018	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Wacker Drive Watermain Replacement

Department: Water Utility

Reference Number: 360-16-305

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure, fire protection and improve water system reliability on Wacker Drive.

PROJECT DESCRIPTION: Replace approximately 1,000 L.F. of 10" watermain with a 12" watermain on Wacker Drive between the railroad tracks and State Street.

PROJECT JUSTIFICATION: Replacement will increase reliability and will increase water pressure and fire protection for the area. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$175,000	
Less Disposals					
NET COST				\$175,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

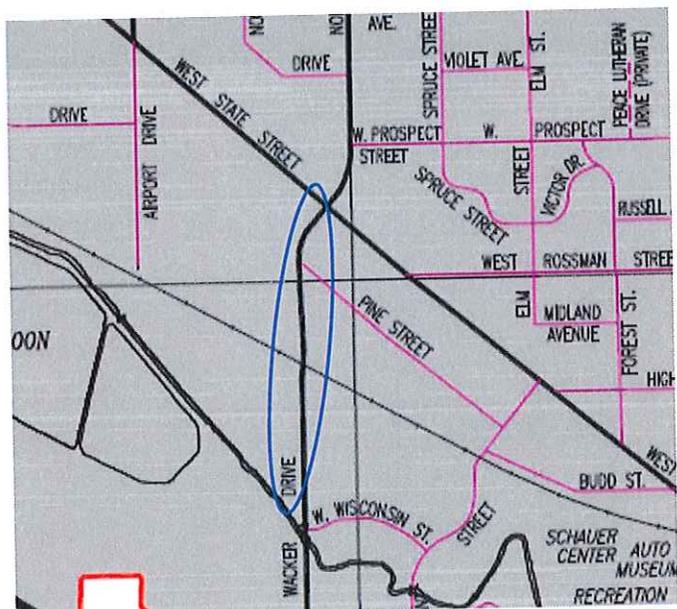
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Wacker Drive Watermain Replacement

Reference Number: 360-16-305

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1000 L.F.	\$165	\$165,000	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,000	Retained Earnings
TOTAL PROJECT			\$175,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Excavator Purchase 50%

Department: Water Utility

Reference Number: 360-16-307

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Maintain a safe and reliable fleet of excavation equipment for Hartford Electric and the Hartford Water Utility.

PROJECT DESCRIPTION: Purchase a new mini excavator with rubber tracks, full 360 degree rotation and an offset boom for digging in tight locations.

PROJECT JUSTIFICATION: A mini excavator is more versatile and allows for a more diverse fleet of excavating equipment. In addition to the standard work load, more developments and projects are completed without the assistance of contractors in Hartford and Slinger and the mini excavator would make the projects more efficient.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost				\$42,000	
Less Disposals					
NET COST				\$42,000	

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2020 PROJECT YEAR

Excavator Purchase 50%

Reference Number: 360-16-307

Cost	Per Unit	Total
Purchase Price		\$42,000
Annual Rent		
Installation		
Other Costs		
TOTAL COSTS		\$42,000

Estimated Equipment Usage	
4	Hours Per Day
5	Average Days Per Week
52	Weeks Per Year
18	Years in Service
\$2,333	Annual Capital Cost

Revenue Sources	
Tax Levy	
GO Debt	
Special Assessments	
Trust/Donations	
Grants/Aids	
Fund Balance	\$42,000
Other Revenues	
TOTAL SOURCES	\$42,000

Inventory and Replacement	
Similar Items in Inventory	2
Items Replaced	0
Age of Items	18 (2020); 11 (2020)
Down Time	
Down Cost	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2020



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Prospect Watermain Replacement

Department: Water Utility

Reference Number: 360-05-257

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on West Prospect Street.

PROJECT DESCRIPTION: Replace approximately 700 linear feet of 6" watermain with a 12" watermain on Prospect Street between Forest Avenue and Spruce Street.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. This section of watermain is old and has broken numerous times in the past.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$125,000
Less Disposals					
NET COST					\$125,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

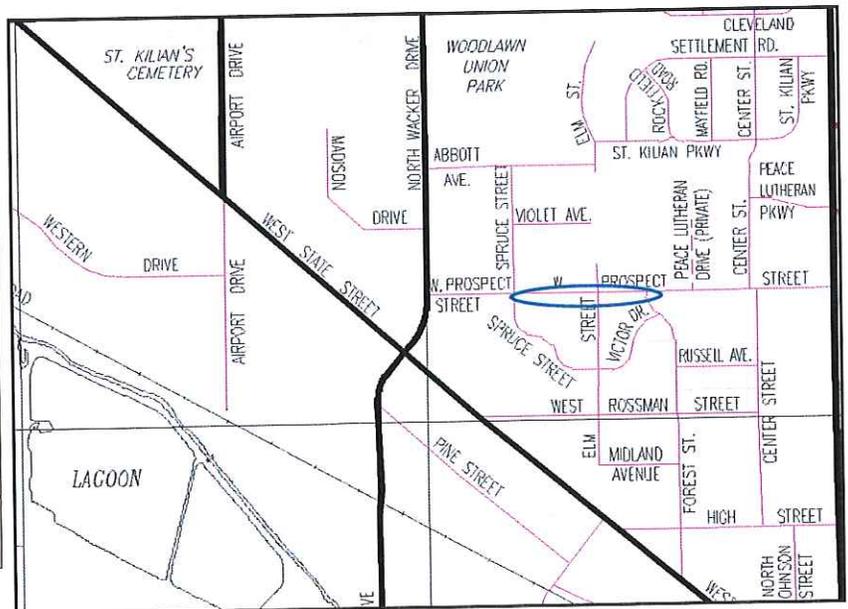
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Prospect Watermain Replacement

Reference Number: 360-05-257

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	700 L.F.	\$165	\$115,500	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$4,500	Retained Earnings
TOTAL PROJECT			\$125,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



**CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR**

Budd Street Watermain Replacement

Department: Water Utility

Reference Number: 360-05-263

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on Budd Street.

PROJECT DESCRIPTION: Replace approximately 1300 linear feet of 4" watermain with an 8" watermain on Budd Street between Grant Street and West State Street.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. The DNR code requires the replacement of 4" watermains. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$198,000
Less Disposals					
NET COST					\$198,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

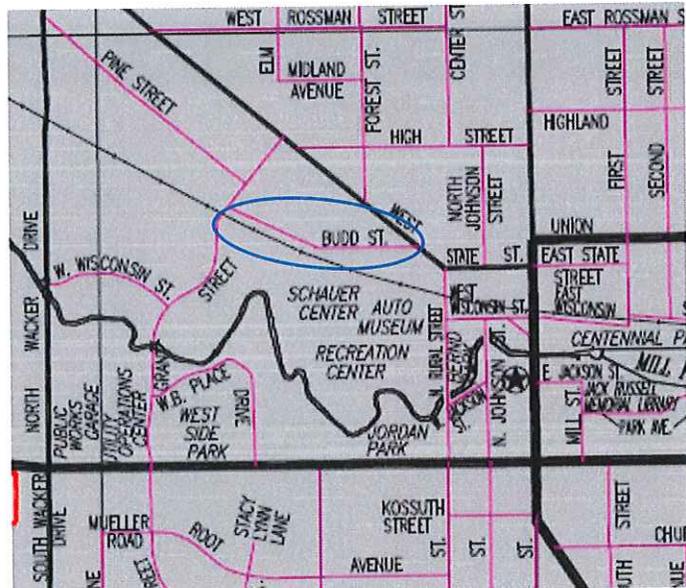
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

Budd Street Watermain Replacement

Reference Number: 360-05-263

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1300 L.F.	\$145	\$188,500	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$4,500	Retained Earnings
TOTAL PROJECT			\$198,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

East Lincoln Avenue Watermain Replacement

Department: Water Utility

Reference Number: 360-15-301

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure and fire protection and improve water system reliability on East Lincoln Avenue.

PROJECT DESCRIPTION: Replace approximately 1260' of 6" watermain with an 8" watermain on East Lincoln Avenue between Harker Avenue and Misty Meadows Boulevard.

PROJECT JUSTIFICATION: Replacement allows for increased water pressure and fire protection and promotes system reliability for the area. This section of watermain is old and has broken numerous times in the past. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$193,000
Less Disposals					
NET COST					\$193,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

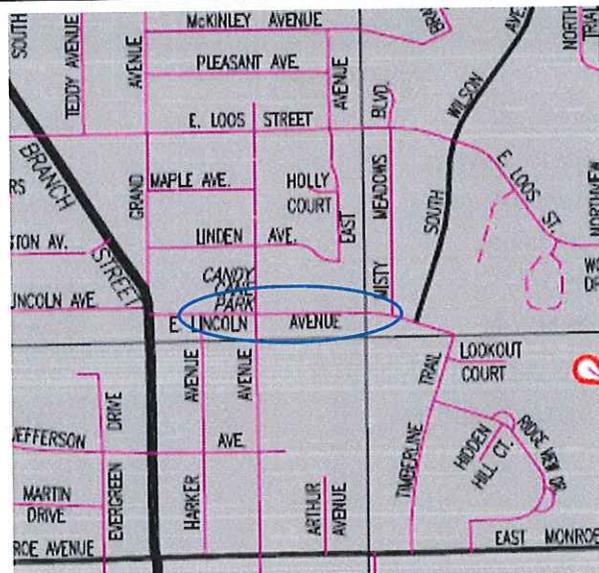
CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

East Lincoln Avenue Watermain Replacement

Reference Number: 360-15-301

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	1260 L.F.	\$145	\$182,700	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,300	Retained Earnings
TOTAL PROJECT			\$193,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2019	2021



CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Loos Street Watermain Replacement

Department: Water Utility

Reference Number: 360-16-306

Division: Water Utility

Fund: Water Utility

PROJECT OBJECTIVE: Increase water pressure, fire protection and improve water system reliability on West Loos Street.

PROJECT DESCRIPTION: Replace approximately 660 L.F. of 6" watermain with an 8" watermain on West Loos Street between Summit Street and Cedar Street.

PROJECT JUSTIFICATION: Replacement will increase reliability and will increase water pressure and fire protection for the area. This replacement is coordinated with the street reconstruction project.

PROJECT YEAR:	2017	2018	2019	2020	2021
Capital Cost					\$106,000
Less Disposals					
NET COST					\$106,000

Annual Operating Expenditures and Revenues Required			
Expenditures:		Revenues:	
Labor Cost		Taxes	
Contract Services		Increments	
Materials/Supplies		Fines/Fees/Costs	
Depreciation		User Charges	
Utilities		Recurring Aids	
Debt Service		Payments in Lieu	
Other Costs		Other Revenue	
TOTAL EXPENSES	\$0	TOTAL REVENUE	\$0

CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY
2021 PROJECT YEAR

West Loos Street Watermain Replacement

Reference Number: 360-16-306

	PROJECT DIMENSION	UNIT COST	TOTAL COST	REVENUE SOURCES
Land				
Site Improvement				
Buildings				
Roadway				
Sidewalk				
Curb/Gutter				
Storm Sewer				
Lighting				
Electric				
Water	660 L.F.	\$145	\$95,700	Retained Earnings
Sanitary Sewer				
Equipment				
Engineering/Arch.			\$5,000	Retained Earnings
Force Labor				
Contingencies			\$5,300	Retained Earnings
TOTAL PROJECT			\$106,000	

PRIORITY		
Priority	Prior Year	Current Year
1		
2		
3	X	X
4		
Scheduled	2020	2021

