

CAPITAL PROJECTS FUND

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Fund Summary
Summary by Division
Summary by Funding Source
Project Summary by Name
Unfunded Projects

CAPITAL PROJECTS FUND

The Capital Projects Fund accounts for the collection and disbursement of funds related to capital improvements or significant capital equipment. The City annually updates and issues a five-year capital improvement program (CIP). This program is the planning guide for the City's issuance of bonded debt and for the construction and replacement of the City's buildings and infrastructure. The first two years of the five-year capital improvement program (CIP) are certified as part of the operating budget in the Capital Projects Fund. The current five-year CIP is for years 2017-2021.

Capital improvement projects involve the construction, purchase, or renovation of city facilities or property. They are generally non-recurring major improvements to the City's physical plant, are permanent in nature, and are greater than \$25,000 and have a useful life of three years or more. Funding sources for capital improvement projects may be from operating funds, bond proceeds, grants, donations, and a variety of other funding sources. The three largest sources of funds are operating transfers in, bonded debt, and state and federal grants.

For the CIP for years 2017-2021, the total funding sources are \$162,209,033, and the total expenditures are \$172,052,355. The difference between the total expenditures and the total funding sources over the five-year period is a result of funding sources that were derived during prior years.

The 2018 CIP expenditures of \$41,190,666 will be certified as part of the 2018 operating budget. Budgeted fiscal year 2018 Capital Projects Fund expenditures also include \$164,640 of interest expense payments to the Wastewater Treatment Fund. Total Capital Projects Fund fiscal year 2018 budgeted expenditures are \$41,355,306.

The 2018 CIP funding sources of \$34,513,084 will also be certified as part of the 2018 operating budget. Budgeted fiscal year 2018 Capital Projects Fund revenues and transfers in also include State sales tax grant funding of \$389,640 and a transfer in from the TIF funds to reimburse for prior year expenditures of \$27,723. Total Capital Projects Fund fiscal year 2018 budgeted revenues and transfer in are \$34,930,447.

The changes to the 2017 CIP are amended into the fiscal year 2017 operating budget. The fiscal year 2017 Capital Projects Fund expenditure budget also includes totals from the carry forward of prior year projects that must be re-appropriated with the State. The amounts being carried forward from prior years are not included in the five-year CIP totals. The revised Capital Projects Fund expenditures for fiscal year 2017 are \$93,530,789; the revised budget includes the 2017 CIP expenditures of \$52,965,694, prior year project carry forwards of \$40,399,397, and internal loan interest payments of \$165,698.

The revised fiscal year 2017 Capital Projects Fund revenues and transfers in budget also includes totals from the carry forward of prior year projects. The amounts being carried forward from prior years are not included in the five-year CIP totals. The revised Capital Projects Fund revenues and transfers in for fiscal year 2017 are \$68,903,182; the revised budget includes the 2017 CIP funding sources of \$49,449,954, State sales tax grant funding of \$390,698, a transfer in from the TIF funds to reimburse for prior year expenditures of \$31,324, and prior year project carry forwards of \$19,031,206.

In fiscal year 2015, the North Treatment Plant Removal project received a 20-year internal loan from the Wastewater Treatment Fund which is being repaid with a State of Iowa sales tax grant. The Capital Projects Fund's expenditures include interest expense paid to the Wastewater Treatment Fund of \$165,698, \$164,640, and \$162,885 for years 2017, 2018, and 2019, respectively. The Capital Project Fund budget also includes principal repayments, shown as transfers out, budgeted at \$225,000 each year for 2017, 2018, and 2019, and state sales tax grant revenues budgeted at \$390,698, \$389,640, and \$387,885 for years 2017, 2018, and 2019, respectively. These amounts are not reflected in the five-year CIP totals.

Fund balance in the Capital Projects Fund primarily represents unspent funding sources from the current year and prior years. This balance fluctuates based on the timing of the issuance of bonds and the timing of the project expenditures. The estimated ending fund balance for fiscal year 2018 is \$763,704.

**City of Iowa City
Capital Projects Fund
Fund Summary**

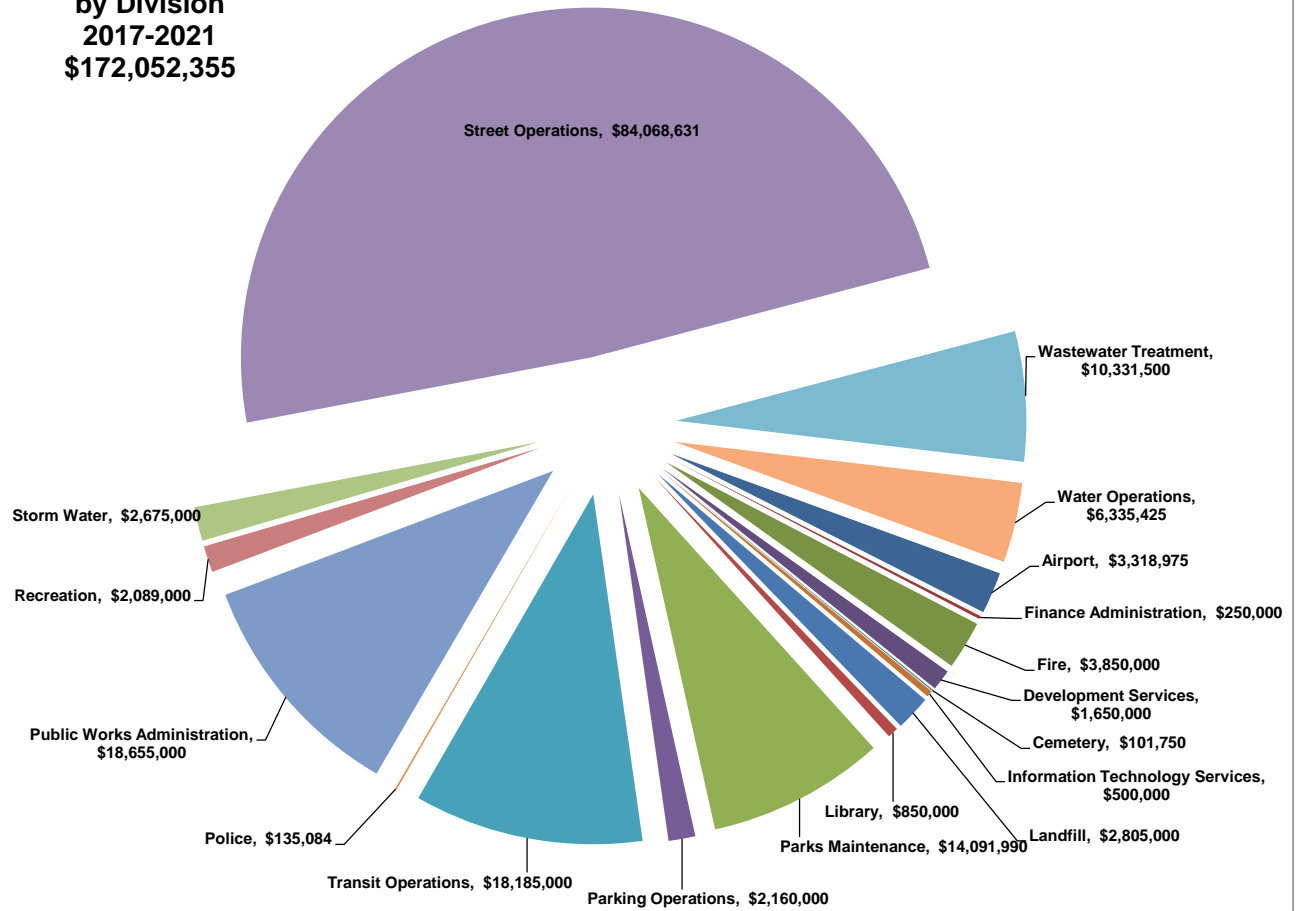
	2014 Actual	2015 Actual	2016 Actual	2017 Revised	2018 Budget	2019 Projected
Fund Balance, July 1	\$ 12,756,766	\$ 22,942,341	\$ 21,460,930	\$ 32,266,210	\$ 7,413,603	\$ 763,744
Revenues:						
Use Of Money And Property						
Interest Revenues	\$ 50,965	\$ 76,147	\$ 83,075	\$ -	\$ -	\$ -
Rents	26,877	12,450	8,400	-	-	-
Royalties & Commissions	-	-	95	-	-	-
Intergovernmental						
Fed Intergovnt Rev	9,885,872	2,836,611	1,692,623	9,129,925	3,445,470	135,000
Disaster Assistance	173,212	5,622	7,710	-	-	-
Other State Grants	11,174,313	9,352,792	5,436,433	2,987,378	1,389,640	588,085
State 28E Agreements	158,484	107,298	752,880	-	-	300,000
Charges of Fees & Services						
Development Fees	66,299	49,786	96,897	96,452	20,000	-
Refuse Charges	-	6,312	-	-	-	-
Miscellaneous						
Contrib & Donations	381,865	200,000	353,131	715,000	-	-
Printed Materials	735	3,300	750	-	-	-
Other Misc Revenue	63,348	164,893	61,194	177,000	-	-
Other Financial Sources						
Sale Of Assets	500,000	-	142,978	2,090,000	1,000,000	-
Debt Sales	16,454,973	7,866,773	9,778,517	22,678,157	14,671,084	12,040,000
Internal Service (Non-Budgetary):						
ITS Fund	83	100,760	25,195	-	-	-
Sub-Total Revenues	38,937,027	20,782,744	18,439,878	37,873,912	20,526,194	13,063,085
Transfers In:						
Funds	1,331,465	2,538,057	10,255,700	25,098,968	4,307,348	3,022,875
Transfers-In from Enterprise Funds	7,507,624	611,007	6,080,831	5,830,302	10,096,905	4,073,400
Transfers-In from G.O. Bonds	55,354	323,845	621,775	-	-	-
Misc Transfers-In	(37,524)	6,009,687	25,000	100,000	-	-
Internal Service (Non-Budgetary):						
ITS Fund	297,921	189,624	-	-	-	-
Sub-Total Transfers In	9,154,841	9,672,220	16,983,306	31,029,270	14,404,253	7,096,275
Total Revenues & Transfers In	\$ 48,091,868	\$ 30,454,964	\$ 35,423,184	\$ 68,903,182	\$ 34,930,447	\$ 20,159,360
Expenditures:						
Governmental:						
General Government	\$ 2,222,593	\$ 787,206	\$ 1,039,952	\$ 1,059,465	\$ 50,000	\$ 50,000
Culture & Recreation	2,702,586	737,073	1,314,646	5,656,705	4,879,750	3,830,000
Community and Economic Dvlpmnt	572,355	567,228	157,895	16,147,234	300,000	150,000
Public Safety	281,073	3,123,348	448,091	1,455,727	135,084	1,790,000
Public Works	11,264,307	19,644,343	16,518,422	54,825,840	27,165,457	10,292,875
Enterprise:						
Parking Operations	133,121	85,206	501,974	1,193,311	535,000	300,000
Public Transportation	101,286	(1,617)	-	393,000	-	-
Wastewater Treatment	11,565,366	4,664,170	1,929,861	6,414,307	5,914,140	1,197,885
Water Operations	179,652	923,583	267,083	2,283,278	717,575	1,022,600
Landfill	1,133,663	146,648	603,283	2,090,482	100,000	900,000
Storm Water	1,228,955	88,962	141,406	1,037,205	240,000	315,000
Airport	5,971,011	578,764	449,502	907,458	1,318,300	436,000
Internal Service (Non-Budgetary):						
ITS Fund	60,266	62,526	424,014	66,777	-	-
Sub-Total Expenditures	37,416,234	31,407,440	23,796,129	93,530,789	41,355,306	20,284,360
Transfers Out:						
Capital Project Fund	115,620	323,845	621,775	-	-	-
Misc Transfers Out	374,439	205,090	200,000	225,000	225,000	225,000
Sub-Total Transfers Out	490,059	528,935	821,775	225,000	225,000	225,000
Total Expenditures & Transfers Out	\$ 37,906,293	\$ 31,936,375	\$ 24,617,904	\$ 93,755,789	\$ 41,580,306	\$ 20,509,360
Fund Balance, June 30	\$ 22,942,341	\$ 21,460,930	\$ 32,266,210	\$ 7,413,603	\$ 763,744	\$ 413,744

City of Iowa City, Iowa
Capital Improvement Plan 2017-2021
2017 thru **2021**

SUMMARY BY DIVISION

Category	2017	2018	2019	2020	2021	Total
Airport	194,675	1,318,300	436,000	1,270,000	100,000	3,318,975
Cemetery		51,750			50,000	101,750
Development Services	900,000	300,000	150,000	150,000	150,000	1,650,000
Finance Administration	50,000	50,000	50,000	50,000	50,000	250,000
Fire	700,000		1,790,000	60,000	1,300,000	3,850,000
Information Technology Services	500,000					500,000
Landfill	330,000	100,000	900,000	100,000	1,375,000	2,805,000
Library	250,000	200,000			400,000	850,000
Parking Operations	725,000	535,000	300,000	300,000	300,000	2,160,000
Parks Maintenance	2,384,070	4,563,000	3,765,000	540,000	2,839,920	14,091,990
Police		135,084				135,084
Public Works Administration	6,900,000	7,755,000	4,000,000			18,655,000
Recreation	225,000	65,000	65,000	1,295,000	439,000	2,089,000
Storm Water	965,000	240,000	315,000	915,000	240,000	2,675,000
Street Operations	35,915,049	19,410,457	6,292,875	14,167,875	8,282,375	84,068,631
Transit Operations	185,000				18,000,000	18,185,000
Wastewater Treatment	1,425,000	5,749,500	1,035,000	1,622,000	500,000	10,331,500
Water Operations	1,316,900	717,575	1,022,600	1,888,350	1,390,000	6,335,425
TOTAL	52,965,694	41,190,666	20,121,475	22,358,225	35,416,295	172,052,355

**Capital Improvement Program
by Division
2017-2021
\$172,052,355**



City of Iowa City, Iowa
Capital Improvement Plan 2017-2021
2017 thru 2021

PROJECTS BY DIVISION

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Airport								
Apron Reconstruction & Connecting Taxiway	A3430	1		1,238,300				1,238,300
Airfield Pavement Rehabilitation	A3461	2			286,000			286,000
Hangar A Door Replacement	A3462	2				100,000	100,000	200,000
Runway 7 Environmental Assessment	A3465	1			150,000			150,000
Runway 7 Extension (213')	A3466	1				1,170,000		1,170,000
Airport South Taxiway Extension	A3467	1	114,550					114,550
North T-Hangar Restrooms	A3468	3	80,125					80,125
Airport Tractor Replacement	A3469	1		80,000				80,000
Airport Total			194,675	1,318,300	436,000	1,270,000	100,000	3,318,975
Cemetery								
Cemetery Road Asphalt Overlay	R4145	1					50,000	50,000
Cemetery Shop Roof Replacement	R4354	2		51,750				51,750
Cemetery Total				51,750			50,000	101,750
Development Services								
Riverfront Crossing Development	E4513	1	150,000					150,000
Climate Action Plan Implementation	E4520	3	150,000	150,000	150,000	150,000	150,000	750,000
Permitting Software Upgrade	G4720	1	600,000					600,000
City Hall Remodel for MPOJC	G4721	2		150,000				150,000
Development Services Total			900,000	300,000	150,000	150,000	150,000	1,650,000
Finance Administration								
City Hall - Other Projects	G4704	2	50,000	50,000	50,000	50,000	50,000	250,000
Finance Administration Total			50,000	50,000	50,000	50,000	50,000	250,000
Fire								
Fire Apparatus Replacement Program	Y4406	1			1,790,000	60,000	1,300,000	3,150,000
Fire Training Center Relocation	Y4436	2	700,000					700,000
Fire Total			700,000		1,790,000	60,000	1,300,000	3,850,000
Information Technology Services								
Phone System Replacement	G4722	2	500,000					500,000
Information Technology Services Total			500,000					500,000
Landfill								
Landfill Equipment Building Replacement	L3328	2			800,000			800,000
Landfill Tarp Development System	L3329	3	90,000					90,000
Landfill Leachate Pumping System	L3330	2	240,000	100,000	100,000			440,000

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Landfill Cell Design and Construction	L3331	1				100,000	1,375,000	1,475,000
Landfill Total			330,000	100,000	900,000	100,000	1,375,000	2,805,000
Library								
Library Bookmobile	R4333	1	250,000					250,000
Library Carpet and Furnishings Replacement	R4343	2					400,000	400,000
Reconfigure Computer Lab & Children's Room	R4344	2		200,000				200,000
Library Total			250,000	200,000			400,000	850,000
Parking Operations								
Parking Facility Restoration Repair	T3004	2	575,000	400,000	300,000	300,000	300,000	1,875,000
Parking Facility & Enforcement Automation	T3009	3	150,000	60,000				210,000
Parking Equipment EMV Upgrade	T3018	2		75,000				75,000
Parking Operations Total			725,000	535,000	300,000	300,000	300,000	2,160,000
Parks Maintenance								
Parks Annual Improvements/Maintenance	R4130	1	100,000	100,000	100,000	100,000	100,000	500,000
Park Annual ADA Accessibility Improvements	R4132	1	25,000	25,000	25,000	25,000	25,000	125,000
Frauenholtz-Miller Park Development	R4137	2	191,070					191,070
Riverfront Crossings Riverbank/Park Development	R4185	2	500,000					500,000
Emerald Ash Borer Response Plan	R4189	1	75,000	50,000	50,000	50,000	50,000	275,000
Intra-city Bike Trails	R4206	2	50,000	50,000	50,000	50,000	50,000	250,000
Hickory Hill Park & Trail Redesign & Development	R4224	1	400,000					400,000
Highway 1 Sidewalk/Trail	R4225	3		753,000				753,000
Sustainable Roadway Vegetation Management Program	R4226	3	25,000	15,000	15,000	15,000	15,000	85,000
Hwy 6 Trail - Sycamore to Heinz	R4227	5					1,899,920	1,899,920
Willow Crk/Kiwanis Park Improvements	R4322	2			350,000			350,000
Upgrade Building BAS Controls	R4332	3	240,000					240,000
Pedestrian Mall Reconstruction	R4340	1	750,000	3,100,000	3,100,000			6,950,000
Creeside Park Redevelopment	R4341	2	28,000	300,000				328,000
Cardigan Park Development	R4345	2		170,000				170,000
New West Side Park Development	R4346	2					300,000	300,000
Terry Trueblood Recreation Area Parking Expansion	R4347	2					225,000	225,000
Fairmeadows Playground and Shelter	R4348	2			75,000			75,000
Wetherby Bathroom and Shelter Upgrades	R4349	2				300,000		300,000
Chadek Green Park Development	R4350	2					175,000	175,000
Parks Maintenance Total			2,384,070	4,563,000	3,765,000	540,000	2,839,920	14,091,990
Police								
Police Department Flooring & Cabinets	Y4438	4		135,084				135,084
Police Total				135,084				135,084
Public Works Administration								
Public Works Facility	P3959	3	4,450,000	7,550,000				12,000,000
Riverside Drive Pedestrian Tunnel	P3974	2	1,434,000					1,434,000
Riverside Drive Streetscape Improvements	P3977	4	616,000	205,000				821,000
West Riverbank Stabilization and trail	P3981	1	400,000		4,000,000			4,400,000
Public Works Administration Total			6,900,000	7,755,000	4,000,000			18,655,000
Recreation								
Annual Recreation Center Improvements	R4330	1	65,000	65,000	65,000	65,000	65,000	325,000
Recreation Center Lobby Remodel	R4336	2	160,000					160,000

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Recreation Center ADA Improvements	R4351	1				700,000		700,000
Mercer Park Pool Improvements	R4352	3				530,000		530,000
Mercer Park Ball Diamond #4 Renovation	R4353	3					374,000	374,000
Recreation Total			225,000	65,000	65,000	1,295,000	439,000	2,089,000
Storm Water								
Normandy Drive Storm Sewer Replacement	M3629	3	375,000					375,000
Stevens Drive Storm Sewer Improvements	M3630	3	350,000					350,000
Annual Storm Water Improvements	M3631	2	240,000	240,000	240,000	240,000	240,000	1,200,000
Lower Muscatine Area Storm Sewer Improvements	M3632	2			75,000	675,000		750,000
Storm Water Total			965,000	240,000	315,000	915,000	240,000	2,675,000
Street Operations								
Iowa City Gateway Project (Dubuque St)	S3809	1	32,000,000	11,067,582				43,067,582
Annual Traffic Signal Projects	S3814	3	150,000	150,000	150,000	150,000	150,000	750,000
Traffic Calming	S3816	3	25,000	15,000	15,000	15,000	15,000	85,000
Overwidth Paving - Sidewalks	S3821	3	25,000	20,000	20,000	20,000	20,000	105,000
Curb Ramps-ADA	S3822	1	100,000	100,000	100,000	100,000	100,000	500,000
Brick Street Repairs	S3823	2	20,000	15,000	15,000	15,000	15,000	80,000
Annual Pavement Rehabilitation	S3824	1	1,499,219	1,598,350	1,698,350	1,798,350	1,898,350	8,492,619
Underground Electrical Facilities	S3826	2	175,830	174,525	174,525	174,525	174,525	873,930
Annual Complete Streets Improvements	S3827	3	300,000	150,000	150,000	150,000	150,000	900,000
Sidewalk Infill Program	S3828	2	100,000				100,000	200,000
Burlington & Madison Intersection Improvements	S3834	3		2,400,000				2,400,000
Annual RR Crossings City Wide	S3843	2	20,000	20,000	20,000	20,000	20,000	100,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2			350,000	7,450,000		7,800,000
Annual Bridge Maintenance & Repair	S3910	1	300,000	250,000	250,000	250,000	250,000	1,300,000
LED Streetlight Replacement	S3932	2	75,000	75,000	75,000	75,000	75,000	375,000
Myrtle/Riverside Intersection Signalization	S3933	2	900,000					900,000
McCollister Blvd - Gilbert to Sycamore	S3934	2		350,000	3,025,000			3,375,000
Prentiss Street Bridge Replacement	S3935	1	125,000	1,075,000				1,200,000
Melrose Avenue Improvements	S3936	2			250,000	3,750,000		4,000,000
Dubuque Street Reconstruction	S3939	1					1,364,500	1,364,500
Kirkwood Avenue to Capitol Street Connection	S3940	2					3,000,000	3,000,000
Foster Rd Elevation design- Laura Dr to No Name Rd	S3941	1		300,000				300,000
Governor Street Overlay	S3942	2		375,000				375,000
Riverside Drive Asphalt Overlay	S3943	2		450,000				450,000
First Ave/Scott Blvd Intersection Improvements	S3944	2				200,000	950,000	1,150,000
Gilbert Street Intersection Improvements	S3945	2	100,000	825,000				925,000
Street Operations Total			35,915,049	19,410,457	6,292,875	14,167,875	8,282,375	84,068,631
Transit Operations								
Transit/Equipment Facility Relocation	T3055	2					18,000,000	18,000,000
Transit Bus Shelter Replacement & Expansion	T3059	2	50,000					50,000
Transit Facility Office Remodel	T3061	2	40,000					40,000
Transit Bus Sign Replacement	T3062	2	95,000					95,000
Transit Operations Total			185,000				18,000,000	18,185,000
Wastewater Treatment								
Annual Sewer Main Replacement	V3101	2	500,000	500,000	500,000	500,000	500,000	2,500,000
Backup Generator & Electrical System Upgrade	V3143	1		3,500,000				3,500,000
Scott Boulevard Trunk Sewer	V3145	1	475,000	1,550,000				2,025,000
Melrose Court Sanitary Sewer Replacement	V3146	2	450,000					450,000
Nevada Ave Sanitary Sewer Replacement	V3147	2		60,000	290,000			350,000

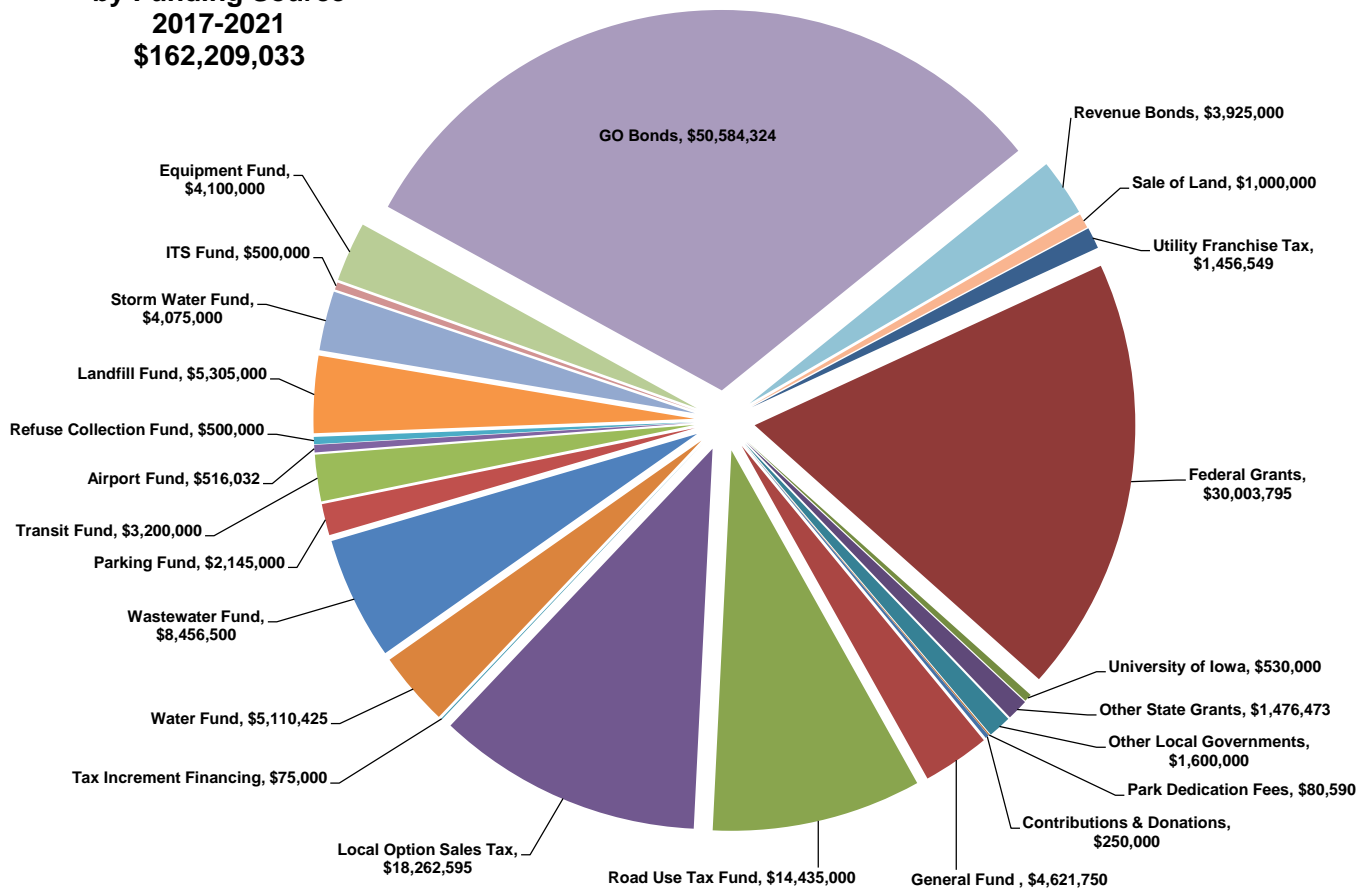
Category	Project #	Priority	2017	2018	2019	2020	2021	Total
West Park Lift Station Rehabilitation	V3148	2			105,500			105,500
Heat Exchanger Replacement	V3149	2		139,500	139,500			279,000
Digester Complex Rehabilitation	V3150	1				1,122,000		1,122,000
Wastewater Treatment Total			1,425,000	5,749,500	1,035,000	1,622,000	500,000	10,331,500
Water Operations								
First Avenue (400-500 Block) Water Main Replace	W3212	2		60,000	577,100			637,100
Ground Storage Reservoir VFD Upgrades	W3213	2	121,900					121,900
Spruce St. (1300-1400 Block) Water Main Repl	W3216	3			20,000	197,350		217,350
Nutrient Removal Project	W3221	2				300,000		300,000
Dill St. Water Main Replacement	W3222	1	50,000	501,975				551,975
Lee St/Highwood St Water Main Replacement	W3224	1			195,500			195,500
Water Plant & Storage Reservoir SCADA Replacement	W3226	2	55,000	105,600				160,600
Bradford Drive Water Main Replacement	W3300	3			40,000	266,000		306,000
Water Distribution Pressure Zone Improvements	W3301	1	500,000					500,000
Sixth Avenue Water Main Replacement	W3303	1			40,000	275,000		315,000
Water Plant Softener Improvements	W3304	3		25,000	25,000	25,000		75,000
Jordan Well Rehabilitation	W3305	1				80,000		80,000
S. Capitol Street Water Main Replacement	W3306	1				80,000	1,055,000	1,135,000
Deforest Ave Water Main Replacement	W3307	1				40,000	310,000	350,000
Process Analyzer Replacement	W3308	2		25,000	25,000	25,000	25,000	100,000
Water Distribution Building Repairs	W3309	3	100,000					100,000
Water Plant Roof Replacement	W3310	1	400,000					400,000
Collector Well Capacity Improvements	W3311	3			100,000	600,000		700,000
Silurian Well Rehabilitation	W3312	1	90,000					90,000
Water Operations Total			1,316,900	717,575	1,022,600	1,888,350	1,390,000	6,335,425
GRAND TOTAL			52,965,694	41,190,666	20,121,475	22,358,225	35,416,295	172,052,355

City of Iowa City, Iowa
Capital Improvement Plan 2017-2021
2017 thru 2021

FUNDING SOURCE SUMMARY

Source	2017	2018	2019	2020	2021	Total
AIRPORT FUND	58,402	179,830	100,800	147,000	30,000	516,032
CONTRIBUTIONS & DONATIONS	150,000			100,000		250,000
EQUIPMENT FUND		1,100,000			3,000,000	4,100,000
FEDERAL GRANTS	7,699,665	3,445,470	135,000	4,223,660	14,500,000	30,003,795
GENERAL FUND	2,990,000	506,750	355,000	415,000	355,000	4,621,750
GO BONDS	9,630,480	12,646,084	12,040,000	8,609,340	7,658,420	50,584,324
ITS FUND	500,000					500,000
LANDFILL FUND	330,000	2,600,000	900,000	100,000	1,375,000	5,305,000
LOCAL OPTION SALES TAX	18,262,595					18,262,595
OTHER LOCAL GOVERNMENTS				1,600,000		1,600,000
OTHER STATE GRANTS	136,273	1,000,000	200,200	70,000	70,000	1,476,473
PARK DEDICATION FEES	60,590	20,000				80,590
PARKING FUND	725,000	520,000	300,000	300,000	300,000	2,145,000
REFUSE COLLECTION FUND		500,000				500,000
REVENUE BONDS	900,000	2,025,000		1,000,000		3,925,000
ROAD USE TAX FUND	3,522,000	3,482,000	2,377,000	2,477,000	2,577,000	14,435,000
SALE OF LAND		1,000,000				1,000,000
STORM WATER FUND	965,000	1,040,000	815,000	915,000	340,000	4,075,000
TAX INCREMENT FINANCING	75,000					75,000
TRANSIT FUND	185,000	15,000			3,000,000	3,200,000
UNIVERSITY OF IOWA			300,000		230,000	530,000
UTILITY FRANCHISE TAX	293,049	290,875	290,875	290,875	290,875	1,456,549
WASTEWATER FUND	2,600,000	2,699,500	1,035,000	1,622,000	500,000	8,456,500
WATER FUND	366,900	1,442,575	922,600	988,350	1,390,000	5,110,425
GRAND TOTAL	49,449,954	34,513,084	19,771,475	22,858,225	35,616,295	162,209,033

**Capital Improvement Program
by Funding Source
2017-2021
\$162,209,033**



City of Iowa City, Iowa
Capital Improvement Plan 2017-2021
 2017 thru 2021

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
AIRPORT FUND								
Apron Reconstruction & Connecting Taxiway	A3430	1		123,830				123,830
Airfield Pavement Rehabilitation	A3461	2			85,800			85,800
Hangar A Door Replacement	A3462	2				30,000	30,000	60,000
Runway 7 Environmental Assessment	A3465	1			15,000			15,000
Runway 7 Extension (213')	A3466	1				117,000		117,000
Airport South Taxiway Extension	A3467	1	34,365					34,365
North T-Hangar Restrooms	A3468	3	24,037					24,037
Airport Tractor Replacement	A3469	1		56,000				56,000
AIRPORT FUND Total			58,402	179,830	100,800	147,000	30,000	516,032
CONTRIBUTIONS & DONATIONS								
Library Bookmobile	R4333	1	150,000					150,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2				100,000		100,000
CONTRIBUTIONS & DONATIONS Total			150,000			100,000		250,000
EQUIPMENT FUND								
Public Works Facility	P3959	3		1,100,000				1,100,000
Transit/Equipment Facility Relocation	T3055	2					3,000,000	3,000,000
EQUIPMENT FUND Total				1,100,000			3,000,000	4,100,000
FEDERAL GRANTS								
Apron Reconstruction & Connecting Taxiway	A3430	1		1,114,470				1,114,470
Runway 7 Environmental Assessment	A3465	1			135,000			135,000
Runway 7 Extension (213')	A3466	1				1,053,000		1,053,000
Hwy 6 Trail - Sycamore to Heinz	R4227	5					1,000,000	1,000,000
Iowa City Gateway Project (Dubuque St)	S3809	1	7,699,665					7,699,665
Burlington & Madison Intersection Improvements	S3834	3		1,511,000				1,511,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2				2,240,660		2,240,660
Prentiss Street Bridge Replacement	S3935	1		820,000				820,000
Melrose Avenue Improvements	S3936	2				930,000		930,000
Kirkwood Avenue to Capitol Street Connection	S3940	2					1,500,000	1,500,000
Transit/Equipment Facility Relocation	T3055	2					12,000,000	12,000,000
FEDERAL GRANTS Total			7,699,665	3,445,470	135,000	4,223,660	14,500,000	30,003,795
GENERAL FUND								
City Hall - Other Projects	G4704	2	50,000	50,000	50,000	50,000	50,000	250,000
Public Works Facility	P3959	3	2,500,000					2,500,000

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
Parks Annual Improvements/Maintenance	R4130	1	100,000	100,000	100,000	100,000	100,000	500,000
Park Annual ADA Accessibility Improvements	R4132	1	25,000	25,000	25,000	25,000	25,000	125,000
Emerald Ash Borer Response Plan	R4189	1	75,000	50,000	50,000	50,000	50,000	275,000
Intra-city Bike Trails	R4206	2	50,000	50,000	50,000	50,000	50,000	250,000
Sustainable Roadway Vegetation Management Program	R4226	3	25,000	15,000	15,000	15,000	15,000	85,000
Annual Recreation Center Improvements	R4330	1	65,000	65,000	65,000	65,000	65,000	325,000
Library Bookmobile	R4333	1	100,000					100,000
Reconfigure Computer Lab & Children's Room	R4344	2		100,000				100,000
Cemetery Shop Roof Replacement	R4354	2		51,750				51,750
Fire Apparatus Replacement Program	Y4406	1				60,000		60,000
GENERAL FUND Total			2,990,000	506,750	355,000	415,000	355,000	4,621,750

GO BONDS

Riverfront Crossing Development	E4513	1	150,000					150,000
Climate Action Plan Implementation	E4520	3	150,000	150,000	150,000	150,000	150,000	750,000
Permitting Software Upgrade	G4720	1	500,000					500,000
City Hall Remodel for MPOJC	G4721	2		150,000				150,000
Public Works Facility	P3959	3	700,000	700,000				1,400,000
Riverside Drive Pedestrian Tunnel	P3974	2	1,434,000					1,434,000
Riverside Drive Streetscape Improvements	P3977	4	616,000	205,000				821,000
West Riverbank Stabilization and trail	P3981	1	400,000		4,000,000			4,400,000
Frauenholtz-Miller Park Development	R4137	2	130,480					130,480
Cemetery Road Asphalt Overlay	R4145	1					50,000	50,000
Riverfront Crossings Riverbank/Park Development	R4185	2	500,000					500,000
Hickory Hill Park & Trail Redesign & Development	R4224	1	400,000					400,000
Highway 1 Sidewalk/Trail	R4225	3		253,000				253,000
Hwy 6 Trail - Sycamore to Heinz	R4227	5					899,920	899,920
Willow Crk/Kiwanis Park Improvements	R4322	2			350,000			350,000
Upgrade Building BAS Controls	R4332	3	240,000					240,000
Recreation Center Lobby Remodel	R4336	2	160,000					160,000
Pedestrian Mall Reconstruction	R4340	1	750,000	3,100,000	3,100,000			6,950,000
Creeside Park Redevelopment	R4341	2		328,000				328,000
Library Carpet and Furnishings Replacement	R4343	2					400,000	400,000
Reconfigure Computer Lab & Children's Room	R4344	2		100,000				100,000
Cardigan Park Development	R4345	2		150,000				150,000
New West Side Park Development	R4346	2					300,000	300,000
Terry Trueblood Recreation Area Parking Expansion	R4347	2					225,000	225,000
Fairmeadows Playground and Shelter	R4348	2			75,000			75,000
Wetherby Bathroom and Shelter Upgrades	R4349	2				300,000		300,000
Chadek Green Park Development	R4350	2					175,000	175,000
Recreation Center ADA Improvements	R4351	1				700,000		700,000
Mercer Park Pool Improvements	R4352	3				530,000		530,000
Mercer Park Ball Diamond #4 Renovation	R4353	3					374,000	374,000
Iowa City Gateway Project (Dubuque St)	S3809	1	2,500,000	5,500,000				8,000,000
Sidewalk Infill Program	S3828	2	100,000				100,000	200,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2				5,459,340		5,459,340
Myrtle/Riverside Intersection Signalization	S3933	2	900,000					900,000
McCollister Blvd - Gilbert to Sycamore	S3934	2			2,875,000			2,875,000
Melrose Avenue Improvements	S3936	2				1,470,000		1,470,000
Dubuque Street Reconstruction	S3939	1					1,264,500	1,264,500
Kirkwood Avenue to Capitol Street Connection	S3940	2					1,500,000	1,500,000
Foster Rd Elevation design- Laura Dr to No Name Rd	S3941	1		300,000				300,000
Governor Street Overlay	S3942	2		375,000				375,000
Riverside Drive Asphalt Overlay	S3943	2		450,000				450,000

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
First Ave/Scott Blvd Intersection Improvements	S3944	2					1,150,000	1,150,000
Gilbert Street Intersection Improvements	S3945	2		750,000				750,000
Fire Apparatus Replacement Program	Y4406	1			1,490,000		1,070,000	2,560,000
Police Department Flooring & Cabinets	Y4438	4		135,084				135,084
GO BONDS Total			9,630,480	12,646,084	12,040,000	8,609,340	7,658,420	50,584,324

ITS FUND

Phone System Replacement	G4722	2	500,000					500,000
ITS FUND Total			500,000					500,000

LANDFILL FUND

Landfill Equipment Building Replacement	L3328	2			800,000			800,000
Landfill Tarp Development System	L3329	3	90,000					90,000
Landfill Leachate Pumping System	L3330	2	240,000	100,000	100,000			440,000
Landfill Cell Design and Construction	L3331	1				100,000	1,375,000	1,475,000
Public Works Facility	P3959	3		2,500,000				2,500,000
LANDFILL FUND Total			330,000	2,600,000	900,000	100,000	1,375,000	5,305,000

LOCAL OPTION SALES TAX

Iowa City Gateway Project (Dubuque St)	S3809	1	18,262,595					18,262,595
LOCAL OPTION SALES TAX Total			18,262,595					18,262,595

OTHER LOCAL GOVERNMENTS

Melrose Avenue Improvements	S3936	2				1,600,000		1,600,000
OTHER LOCAL GOVERNMENTS Total						1,600,000		1,600,000

OTHER STATE GRANTS

Airfield Pavement Rehabilitation	A3461	2			200,200			200,200
Hangar A Door Replacement	A3462	2				70,000	70,000	140,000
Airport South Taxiway Extension	A3467	1	80,185					80,185
North T-Hangar Restrooms	A3468	3	56,088					56,088
Highway 1 Sidewalk/Trail	R4225	3		500,000				500,000
Burlington & Madison Intersection Improvements	S3834	3		500,000				500,000
OTHER STATE GRANTS Total			136,273	1,000,000	200,200	70,000	70,000	1,476,473

PARK DEDICATION FEES

Frauenholtz-Miller Park Development	R4137	2	60,590					60,590
Cardigan Park Development	R4345	2		20,000				20,000
PARK DEDICATION FEES Total			60,590	20,000				80,590

PARKING FUND

Parking Facility Restoration Repair	T3004	2	575,000	400,000	300,000	300,000	300,000	1,875,000
Parking Facility & Enforcement Automation	T3009	3	150,000	60,000				210,000
Parking Equipment EMV Upgrade	T3018	2		60,000				60,000

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
PARKING FUND Total			725,000	520,000	300,000	300,000	300,000	2,145,000
REFUSE COLLECTION FUND								
Public Works Facility	P3959	3		500,000				500,000
REFUSE COLLECTION FUND Total								
REVENUE BONDS								
Scott Boulevard Trunk Sewer	V3145	1		2,025,000				2,025,000
Nutrient Removal Project	W3221	2				300,000		300,000
Water Distribution Pressure Zone Improvements	W3301	1	500,000					500,000
Water Plant Roof Replacement	W3310	1	400,000					400,000
Collector Well Capacity Improvements	W3311	3				700,000		700,000
REVENUE BONDS Total			900,000	2,025,000		1,000,000		3,925,000
ROAD USE TAX FUND								
Public Works Facility	P3959	3	1,000,000	1,000,000				2,000,000
Annual Traffic Signal Projects	S3814	3	150,000	150,000	150,000	150,000	150,000	750,000
Traffic Calming	S3816	3	25,000	15,000	15,000	15,000	15,000	85,000
Overwidth Paving - Sidewalks	S3821	3	25,000	20,000	20,000	20,000	20,000	105,000
Curb Ramps-ADA	S3822	1	100,000	100,000	100,000	100,000	100,000	500,000
Brick Street Repairs	S3823	2	20,000	15,000	15,000	15,000	15,000	80,000
Annual Pavement Rehabilitation	S3824	1	1,382,000	1,482,000	1,582,000	1,682,000	1,782,000	7,910,000
Annual Complete Streets Improvements	S3827	3	300,000	150,000	150,000	150,000	150,000	900,000
Annual RR Crossings City Wide	S3843	2	20,000	20,000	20,000	20,000	20,000	100,000
Annual Bridge Maintenance & Repair	S3910	1	300,000	250,000	250,000	250,000	250,000	1,300,000
LED Streetlight Replacement	S3932	2	75,000	75,000	75,000	75,000	75,000	375,000
Prentiss Street Bridge Replacement	S3935	1	125,000	205,000				330,000
ROAD USE TAX FUND Total			3,522,000	3,482,000	2,377,000	2,477,000	2,577,000	14,435,000
SALE OF LAND								
Public Works Facility	P3959	3		1,000,000				1,000,000
SALE OF LAND Total								
STORM WATER FUND								
Normandy Drive Storm Sewer Replacement	M3629	3	375,000					375,000
Stevens Drive Storm Sewer Improvements	M3630	3	350,000					350,000
Annual Storm Water Improvements	M3631	2	240,000	240,000	240,000	240,000	240,000	1,200,000
Lower Muscatine Area Storm Sewer Improvements	M3632	2			75,000	675,000		750,000
Public Works Facility	P3959	3		300,000				300,000
Iowa City Gateway Project (Dubuque St)	S3809	1		500,000				500,000
McCollister Blvd - Gilbert to Sycamore	S3934	2			500,000			500,000
Dubuque Street Reconstruction	S3939	1					100,000	100,000
STORM WATER FUND Total			965,000	1,040,000	815,000	915,000	340,000	4,075,000
TAX INCREMENT FINANCING								
Riverside Drive Streetscape Improvements	P3977	4	75,000					75,000

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
TAX INCREMENT FINANCING Total			75,000					75,000
TRANSIT FUND								
Parking Equipment EMV Upgrade	T3018	2		15,000				15,000
Transit/Equipment Facility Relocation	T3055	2					3,000,000	3,000,000
Transit Bus Shelter Replacement & Expansion	T3059	2	50,000					50,000
Transit Facility Office Remodel	T3061	2	40,000					40,000
Transit Bus Sign Replacement	T3062	2	95,000					95,000
TRANSIT FUND Total			185,000	15,000			3,000,000	3,200,000
UNIVERSITY OF IOWA								
Fire Apparatus Replacement Program	Y4406	1			300,000		230,000	530,000
UNIVERSITY OF IOWA Total					300,000		230,000	530,000
UTILITY FRANCHISE TAX								
Annual Pavement Rehabilitation	S3824	1	117,219	116,350	116,350	116,350	116,350	582,619
Underground Electrical Facilities	S3826	2	175,830	174,525	174,525	174,525	174,525	873,930
UTILITY FRANCHISE TAX Total			293,049	290,875	290,875	290,875	290,875	1,456,549
WASTEWATER FUND								
Iowa City Gateway Project (Dubuque St)	S3809	1	2,000,000	2,000,000				4,000,000
Annual Sewer Main Replacement	V3101	2	500,000	500,000	500,000	500,000	500,000	2,500,000
Melrose Court Sanitary Sewer Replacement	V3146	2	100,000					100,000
Nevada Ave Sanitary Sewer Replacement	V3147	2		60,000	290,000			350,000
West Park Lift Station Rehabilitation	V3148	2			105,500			105,500
Heat Exchanger Replacement	V3149	2		139,500	139,500			279,000
Digester Complex Rehabilitation	V3150	1				1,122,000		1,122,000
WASTEWATER FUND Total			2,600,000	2,699,500	1,035,000	1,622,000	500,000	8,456,500
WATER FUND								
Public Works Facility	P3959	3		500,000				500,000
Prentiss Street Bridge Replacement	S3935	1		50,000				50,000
Gilbert Street Intersection Improvements	S3945	2		175,000				175,000
First Avenue (400-500 Block) Water Main Replace	W3212	2		60,000	577,100			637,100
Ground Storage Reservoir VFD Upgrades	W3213	2	121,900					121,900
Spruce St. (1300-1400 Block) Water Main Repl	W3216	3			20,000	197,350		217,350
Dill St. Water Main Replacement	W3222	1		501,975				501,975
Lee St/Highwood St Water Main Replacement	W3224	1			195,500			195,500
Water Plant & Storage Reservoir SCADA Replacement	W3226	2	55,000	105,600				160,600
Bradford Drive Water Main Replacement	W3300	3			40,000	266,000		306,000
Sixth Avenue Water Main Replacement	W3303	1			40,000	275,000		315,000
Water Plant Softener Improvements	W3304	3		25,000	25,000	25,000		75,000
Jordan Well Rehabilitation	W3305	1				80,000		80,000
S. Capitol Street Water Main Replacement	W3306	1				80,000	1,055,000	1,135,000
Deforest Ave Water Main Replacement	W3307	1				40,000	310,000	350,000
Process Analyzer Replacement	W3308	2		25,000	25,000	25,000	25,000	100,000
Water Distribution Building Repairs	W3309	3	100,000					100,000
Silurian Well Rehabilitation	W3312	1	90,000					90,000

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
WATER FUND Total			366,900	1,442,575	922,600	988,350	1,390,000	5,110,425
GRAND TOTAL			49,449,954	34,513,084	19,771,475	22,858,225	35,616,295	162,209,033

Project #	A3430
Project Name	Apron Reconstruction & Connecting Taxiway

GRANTEE	FAA	SCORE	67
MATCH %	10%	TIF DISTRICT	None

Department	AIRPORT
Contact	Michael Tharp
Type	One Phase
Useful Life	50 years
Category	Airport
Priority	Critical (1)
Status	Active

Description	Total Project Cost: \$1,238,300
Expand Aircraft Parking Apron and Connect to Runway 7/25 Parallel taxiway	

Justification
Aircraft parking space is short. Conflicts occur during high traffic days and when there are special events being held in the area (or on the airport). This project expands the ramp to provide for the allowable ramp space per FAA formulas.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		190,500				190,500
CONSTRUCTION		1,047,800				1,047,800
Total		1,238,300				1,238,300

Funding Sources	2017	2018	2019	2020	2021	Total
AIRPORT FUND		123,830				123,830
FEDERAL GRANTS		1,114,470				1,114,470
Total		1,238,300				1,238,300

Budget Impact/Other
Expansion of apron will require additional maintenance over long term. Replacement of existing apron would decrease current maintenance costs, but will increase snow plowing and ice removal costs. Total annual expenditure impact is less than \$10,000 per year.

Project #**A3461**

Project Name**Airfield Pavement Rehabilitation**

GRANTEE

IDOT

SCORE

70

MATCH %

30%

TIF DISTRICT

None

Department

AIRPORT

Contact

Michael Tharp

Type

Multi-Phase

Useful Life

30 Years

Category

Airport

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$536,000

Airfield Pavement Rehabilitation - Phase 2 of 2 Phase 1 completed in 2016.

Justification

This project prepares for pavement replacement near the terminal building by placing additional pavement on the west of the aircraft parking apron in order to main the existing avialable parking area during reconstruction. Project would not proceed without state funding in each year.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
250,000	PLANNING/DESIGN			48,000			48,000
	CONSTRUCTION			238,000			238,000
Total	Total			286,000			286,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
250,000	AIRPORT FUND			85,800			85,800
	OTHER STATE GRANTS			200,200			200,200
Total	Total			286,000			286,000

Budget Impact/Other

Runway Pavements are approaching 10 years old. This project would add minor additonal expenses related to pavement maintenance and snow plowing/clearing operations. Annual cost savings is expected to be less than \$10,000.

Project #**A3462**

Project Name**Hangar A Door Replacement**

GRANTEE IDOT

SCORE 77

MATCH % 30%

TIF DISTRICT None

Department AIRPORT

Contact Michael Tharp

Type Multi-Phase

Useful Life 50 years

Category Airport

Priority Essential (2)

Status Active

Description

Total Project Cost: \$200,000

Hangar A door replacement; hangar A has 10 doors to be replaced. Phase 1 and 2 will replace approximately 4 doors each pending bids. Phase 3 will replace the last 2 doors in year 2022.

Justification

Hangar building A contains doors that are manual operation on a pulley/counterweight system. These doors are becoming difficult for some tenants to operate, and are frequently the last hangars to be rented when openings occur. Proposal is to replace the doors with electric motor doors which would enhance the appeal of the hangar and allow for rates to be in line with other hangars of similar size with motorized doors. Project would not occur without state grant assistance.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				16,800	16,800	33,600
CONSTRUCTION				83,200	83,200	166,400
Total				100,000	100,000	200,000

Funding Sources	2017	2018	2019	2020	2021	Total
AIRPORT FUND				30,000	30,000	60,000
OTHER STATE GRANTS				70,000	70,000	140,000
Total				100,000	100,000	200,000

Budget Impact/Other

Minor decrease in operating expenses due to decreased maintenance and repair expenses on the doors. The decrease in operating expenditures is less than \$10,000.

Project #	A3465
Project Name	Runway 7 Environmental Assessment

Department	AIRPORT
Contact	Michael Tharp
Type	One Phase
Useful Life	10 years
Category	Airport
Priority	Critical (1)
Status	Active

GRANTEE	FAA	SCORE	69
MATCH %	10%	TIF DISTRICT	None

Description	Total Project Cost: \$150,000
Follow up project from Runway 7/25 Conversion. This is the Environmental Assessment required before constructing an approximately 213 feet extension at the Runway 7 end of Runway 7/25.	
Justification	
One of the primary comments from pilots was a concern of the landing distance on 7/25. This project is the second part of the 7/25 runway categorical change and will extend the Runway 7/25 runway by approximately 213 feet.	

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			150,000			150,000
Total			150,000			150,000

Funding Sources	2017	2018	2019	2020	2021	Total
AIRPORT FUND			15,000			15,000
FEDERAL GRANTS			135,000			135,000
Total			150,000			150,000

Budget Impact/Other	
The operating impact is negligible.	

Project #	A3466
Project Name	Runway 7 Extension (213')

Department	AIRPORT
Contact	Michael Tharp
Type	One Phase
Useful Life	50 years
Category	Airport
Priority	Critical (1)
Status	Active

GRANTEE	FAA	SCORE	69
MATCH %	10%	TIF DISTRICT	None

Description	Total Project Cost: \$1,170,000
This project will construct an extension to runway 7/25 of approximately 213 feet.	
Justification	
One of the primary comments from pilots was a concern of the landing distance on 7/25. This project is the second part of the 7/25 runway categorical change and will extend the Runway 7/25 runway by approximately 213 feet.	

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				235,000		235,000
CONSTRUCTION				935,000		935,000
Total				1,170,000		1,170,000

Funding Sources	2017	2018	2019	2020	2021	Total
AIRPORT FUND				117,000		117,000
FEDERAL GRANTS				1,053,000		1,053,000
Total				1,170,000		1,170,000

Budget Impact/Other	
This project will add additional runway to clear during inclement weather and to provide additional maintenance and repairs. The estimated additional expenditures are less than \$10,000 per year.	

Project #

A3467

Project Name

Airport South Taxiway Extension

GRANTEE

IDOT

SCORE

61

MATCH %

30%

TIF DISTRICT

None

Description

Total Project Cost: \$114,550

Extend South Hangar Taxilane east to accommodate construction of 100x100 hangar building.

Justification

Airport agreed to extend taxiway as part of land lease for construction of a 100' x 100' aircraft hangar. Project is supported by IDOT Grant.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	19,000					19,000
CONSTRUCTION	95,550					95,550
Total	114,550					114,550

Funding Sources	2017	2018	2019	2020	2021	Total
AIRPORT FUND	34,365					34,365
OTHER STATE GRANTS	80,185					80,185
Total	114,550					114,550

Budget Impact/Other

Additional square footage for snow removal, weed control, pavement maintenance. Minimal impact on immediate budget, but would increase costs as pavement ages. Costs are offset by ground lease for hangar and additional fuel sales generated by additional based aircraft. Overall impact is negligible.

Project #

A3468

Project Name

North T-Hangar Restrooms

GRANTEE

IDOT

SCORE

55

MATCH %

30%

TIF DISTRICT

None

Description

Total Project Cost: \$80,125

Install restroom facilities in the North T-hangars for use by tenants.

Justification

Tenents have requested the facilities over the years. Airport installed a public restroom in the Hangar L project which was on the south side of the airport.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	12,500					12,500
CONSTRUCTION	67,625					67,625
Total	80,125					80,125

Funding Sources	2017	2018	2019	2020	2021	Total
AIRPORT FUND	24,037					24,037
OTHER STATE GRANTS	56,088					56,088
Total	80,125					80,125

Budget Impact/Other

There will be an increase in janitorial service and maintenance costs. The estimated increase in operating expenditures is less than \$10,000 per year.

Department

AIRPORT

Contact

Michael Tharp

Type

One Phase

Useful Life

50 years

Category

Airport

Priority

Critical (1)

Status

Active

Department

AIRPORT

Contact

Michael Tharp

Type

One Phase

Useful Life

20 years

Category

Airport

Priority

Efficiency Improvement (3)

Status

Active

Project #	A3469
Project Name	Airport Tractor Replacement

Department AIRPORT
Contact Michael Tharp
Type One Phase
Useful Life 10 years
Category Airport
Priority Critical (1)
Status Active

GRANTEE NONE **SCORE** 50
MATCH % NONE **TIF DISTRICT** None

Description	Total Project Cost: \$80,000
Replace and upgrade Airport Tractor w/ Blade and Loader attachments, per replacement schedule with Equipment Division.	
Justification	
Airport revised equipment replacement schedule with Equipment division to replace equipment over 10 year period. Tractor was listed first due to existing maintenance and upkeep issues.	

Expenditures	2017	2018	2019	2020	2021	Total
EQUIPMENT		80,000				80,000
Total		80,000				80,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
24,000	AIRPORT FUND		56,000				56,000
Total	Total		56,000				56,000

Budget Impact/Other
The overall operating costs should be neutral. There will be reduced maintenance costs on new the equipment, but a higher replacement cost to the replacement schedule.

Project #	G4704
Project Name	City Hall - Other Projects

Department FINANCE
Contact Dennis Bockenstedt
Type Annual
Useful Life 20 years
Category Finance Administration
Priority Essential (2)
Status Active

GRANTEE NONE **SCORE** 32
MATCH % NONE **TIF DISTRICT** None

Description	Total Project Cost: \$400,000
Annual appropriation for improvements to City Hall.	
Justification	
This project is the repair and maintenance and other necessary improvements for the city hall building and police/fire additions.	

Prior	Expenditures	2017	2018	2019	2020	2021	Total
150,000	CONSTRUCTION	50,000	50,000	50,000	50,000	50,000	250,000
Total	Total	50,000	50,000	50,000	50,000	50,000	250,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
150,000	GENERAL FUND	50,000	50,000	50,000	50,000	50,000	250,000
Total	Total	50,000	50,000	50,000	50,000	50,000	250,000

Budget Impact/Other
Operating impact: These improvements to City Hall could potentially save the City utility expenses, maintenance, and personnel costs. The estimated decrease in operating costs for the 2015 project is negligible.

Project #

G4722

Project Name

Phone System Replacement

Department

FINANCE

Contact

Dennis Bockenstedt

Type

One Phase

Useful Life

10 years

Category

Information Technology Servic

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

54

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$550,000

The first phase of the project was in 2016 to design the final system with input from outside vendors to ensure the best solution without wasted resources. Phase two in 2017 will be to replace the core phone system that provides phone services for all city departments. The replacement system will be built with a voice over IP platform to allow for enhanced capability and resiliency. The new phone system will replace the infrastructure in the city’s primary datacenter and the current phone handsets that don’t support voice over IP.

Justification

The phone system is critical to operations of all city departments including the police and fire departments. This current phone system is 12 years old. The company that built the phone system was purchased by another company and hardware for the current phone system is becoming harder to attain in the event repairs are required.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
50,000	CONSTRUCTION	500,000					500,000
Total	Total	500,000					500,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
50,000	ITS FUND	500,000					500,000
Total	Total	500,000					500,000

Budget Impact/Other

The impact of this project on the operating budget is negligible.

Project # Y4406

Project Name Fire Apparatus Replacement Program

GRANTEE U OF I

SCORE 52

MATCH % VARIES

TIF DISTRICT None

Department FIRE

Contact John Grier

Type Multi-Phase

Useful Life 16 years

Category Fire

Priority Critical (1)

Status Active

Description

Total Project Cost: \$3,150,000

Replacement of Fire Department equipment:

2019 Fire Pumper #355, Fire Pumper #351

2020 Scotty House

2021 Fire Pumper/Aerial #358

Justification

The Fire Safety House is used to provide up-to-date safety presentations and demonstrations throughout the community. The house also allows individuals the opportunity to practice demonstrated skills and techniques. Fleet Management Scoring evaluations indicate Reserve Fire Pumpers remain serviceable and in good condition. The department recommends revising the Fire Pumper replacement schedule, moving the replacement of #351 to 2019, and purchasing two Fire Pumpers in 2019. Fire Pumper/Aerial #358 is scheduled for replacement in calendar year 2021.

Expenditures	2017	2018	2019	2020	2021	Total
EQUIPMENT			1,790,000	60,000	1,300,000	3,150,000
Total			1,790,000	60,000	1,300,000	3,150,000
Funding Sources	2017	2018	2019	2020	2021	Total
GENERAL FUND				60,000		60,000
GO BONDS			1,490,000		1,070,000	2,560,000
UNIVERSITY OF IOWA			300,000		230,000	530,000
Total			1,790,000	60,000	1,300,000	3,150,000

Budget Impact/Other

The operating expenses for the City should decrease due to the replacement of older equipment with newer equipment. The estimated decrease in operating expenses is less than \$10,000.

Project #	Y4436
Project Name	Fire Training Center Relocation

Department	FIRE
Contact	John Grier
Type	One Phase
Useful Life	25 years
Category	Fire
Priority	Essential (2)
Status	Active

GRANTEE	NONE	SCORE	52
MATCH %	NONE	TIF DISTRICT	None

Description	Total Project Cost: \$700,000
This project will construct a fire training building to address all aspects of emergency service delivery including fire suppression, technical rescue (confined space, rope, trench, vehicle) and hazardous materials mitigation. The training building includes a burn room, stair tower and laddering, rappelling and search areas. The facility will be used for continuing education for firefighters, new recruits, and shared with Johnson Mutual Aid Association members. The project will provide land development, site utilities, building construction costs, and design fees. The proposed building location is the Public Works Campus.	

Justification
The previously unfunded project proposal (Unfunded 80 - Fire Training Facility) has been revised and downsized, vastly reducing the project cost and land space requirements. The project will replace the fire training facility lost to the revitalization of the north wastewater site. Project justification is indicated in the Iowa City Fire Department Strategic Plan Addendum, Goal 1, Objective 1B and the city facilities space needs study. The project will provide an accessible training area that keeps emergency responders in the city and readily available for calls for service.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION	700,000					700,000
Total	700,000					700,000

Prior

700,000

Total

Budget Impact/Other
The annual operating budget associated with facility maintenance, alarm monitoring, sprinkler system maintenance, and utilities will exceed the current fire training facility operating expenses; however, the anticipated savings through the installation of upgraded and efficient systems is expected to offset the difference in the long term. The net impact on the operating budget is about \$50,000 per year.

Project #	R4333
Project Name	Library Bookmobile

Department	LIBRARY
Contact	Susan Craig
Type	One Phase
Useful Life	15 years
Category	Library
Priority	Critical (1)
Status	Active

GRANTEE	LIBRARY DONATIONS	SCORE	55
MATCH %	40%	TIF DISTRICT	None

Description	Total Project Cost: \$250,000
Purchase a 24 to 30 foot library book mobile to provide outreach services.	

Justification
This project is specifically part of the Library's new strategic plan. It is one of the objectives under Goal One: The Iowa City Public Library connects people to information and ideas and offers them opportunities for enjoyment and personal growth. It is a more flexible and much less expensive alternative to a branch library to serve the needs of people who cannot or chose not to come to the downtown facility. It also meets the Coucil's strategic plan priority to sustain healthy neighborhoods under the public infrastructure objective because the book mobile will be present in neighborhoods and bring materials and technology to people in their neighborhoods. The book mobile is a response to be more customer service oriented, an objective the Council's strategic plan goal of enhanced communication and marketing.

Expenditures	2017	2018	2019	2020	2021	Total
EQUIPMENT	250,000					250,000
Total	250,000					250,000

Funding Sources	2017	2018	2019	2020	2021	Total
CONTRIBUTIONS & DONATIONS	150,000					150,000
GENERAL FUND	100,000					100,000
Total	250,000					250,000

Budget Impact/Other
The operating budget will incur additional staffing, maintenance, and operating expenses. Some new staff will also be needed to provide operations staff. The additional cost per year is approximately \$100,000 which includes an additional 1.4 FTE of staff, fuel, insurance, and other expenditures.

Project #	R4343
Project Name	Library Carpet and Furnishings Replacement

Department	LIBRARY
Contact	Susan Craig
Type	Multi-Phase
Useful Life	15 years
Category	Library
Priority	Essential (2)
Status	Active

GRANTEE	NONE	SCORE	33
MATCH %	NONE	TIF DISTRICT	None

Description	Total Project Cost: \$400,000
A multi-phase project to replace carpeting and some furnishings in large areas of the Library. This project could be done in 1, 2, or 3 years. First floor has 31,000 square feet of carpet, 2nd floor has 39,000. Architects estimates in today's dollars for carpet, demo and floor prep, moving, GC, insurance, fees, bonds, contingency, and phasing is \$819,000. Some areas will not be recarpeted. In addition, some of the original furnishings, including all of the public access internet stations need replacing.	

Justification
Since the building opened in 2004, 8,435,590 people have come through the doors (this number will easily surpass 10M before this project begins). The Library is a heavily visited public space in the heart of downtown, ongoing investment to keep the building looking good is necessary.

Expenditures	2017	2018	2019	2020	2021	Total
EQUIPMENT					400,000	400,000
Total					400,000	400,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					400,000	400,000
Total					400,000	400,000

Budget Impact/Other
This project will save minor costs associated with carpet repair but is less than \$10,000/year.

Project # R4344

Project Name Reconfigure Computer Lab & Children's Room

GRANTEE LIBRARY DONATIONS

SCORE 54

MATCH % 50%

TIF DISTRICT None

Department LIBRARY

Contact Susan Craig

Type One Phase

Useful Life 15 years

Category Library

Priority Essential (2)

Status Active

Description

Total Project Cost: \$200,000

Reconfigure two internal areas in the library involves minor construction and new furnishings. Half of funding is from contributions in the Library gifts fund in the General Fund.

Justification

The Library Computer Lab area is 14 years old and in need of significant redesign. It was originally planned just as a classroom with fixed furniture and once-size-fits-all computer stations. More space will be gained by removing a wall, and more flexibility will result from improved access to electricity and data connections. Furnishings and equipment will be upgraded to allow a better and more varied user experience. In the Children's Room, a back corner will be reconfigured with new furnishings, storage, carpet, and electrical access to provide a modern space designed especially for upper elementary school-age children.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		15,000				15,000
CONSTRUCTION		120,000				120,000
EQUIPMENT		65,000				65,000
Total		200,000				200,000

Funding Sources	2017	2018	2019	2020	2021	Total
GENERAL FUND		100,000				100,000
GO BONDS		100,000				100,000
Total		200,000				200,000

Budget Impact/Other

This reconfiguration will not have a significant impact on the operating budget.

Project #

E4513

Project Name

Riverfront Crossing Development

GRANTEE

NONE

SCORE

50

MATCH %

NONE

TIF DISTRICT

Riverfront Crossings

Department

NEIGHBORHOOD & DEVEL

Contact

John Yapp

Type

Annual

Useful Life

40 Years

Category

Development Services

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$500,000

Anticipated uses include preliminary / conceptual design of Gilbert St improvements, preliminary / conceptual design of Capitol St - Kirkwood Ave connection street, streetscape design, and final design of Riverfront Crossing Park.

Justification

This project provides funding for development of the Riverfront Crossings area that will spur new construction and a city park that was previously wastewater and under-utilized area.

Prior

Expenditures

2017

2018

2019

2020

2021

Total

350,000

CONTINGENCY

150,000

150,000

Total

Total

150,000

150,000

Prior

Funding Sources

2017

2018

2019

2020

2021

Total

350,000

GO BONDS

150,000

150,000

Total

Total

150,000

150,000

Budget Impact/Other

This project is to re-develop an aging part of the City which could lower infrastructure costs and raise property tax revenues. The estimated increase in revenues and decrease in expenditures is less than \$10,000 per year combined at this time.

Project #

E4520

Project Name

Climate Action Plan Implementation

GRANTEE

NONE

SCORE

46

MATCH %

NONE

TIF DISTRICT

None

Department

NEIGHBORHOOD & DEVEL

Contact

Geoff Fruin

Type

Annual

Useful Life

20 years

Category

Development Services

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$750,000

This is an unspecified annual project that is intended to reduce carbon emissions in the City.

Justification

Global warming and environmental sustainability are strategic priorities for the City. This project is intended to work towards reducing carbon emissions that contribute to global warming and to move the City in a more sustainable long-term energy mix.

Expenditures

2017

2018

2019

2020

2021

Total

CONSTRUCTION

150,000

150,000

150,000

150,000

150,000

750,000

Total

150,000

150,000

150,000

150,000

150,000

750,000

Funding Sources

2017

2018

2019

2020

2021

Total

GO BONDS

150,000

150,000

150,000

150,000

150,000

750,000

Total

150,000

150,000

150,000

150,000

150,000

750,000

Budget Impact/Other

The operating impact of this project is negligible.

Budget Impact/Other	After construction, no additional operating impact over current maintenance expenses are expected.
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Project #

R4137

Project Name

Frauenholtz-Miller Park Development

GRANTEE

NONE

SCORE

40

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Zachary Hall

Type

One Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$191,070

Develop newly acquired park land on Lower West Branch Rd adjacent to St. Patrick's church site.

Justification

This area of Iowa City is continuing to develop with residential, and the demand for park and recreation opportunities will continue to get greater.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION	191,070					191,070
Total	191,070					191,070

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS	130,480					130,480
PARK DEDICATION FEES	60,590					60,590
Total	191,070					191,070

Budget Impact/Other

This project will increase operating expenses due to the additional maintenance required for the new features and amenities. Estimated additional operating costs are less than \$10,000 per year.

Project #

R4145

Project Name

Cemetery Road Asphalt Overlay

GRANTEE

NONE

SCORE

35

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Russell Buffington

Type

Multi-Phase

Useful Life

15 years

Category

Cemetery

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$50,000

Mill and resurface with 2" asphalt overlay on 19,090sf of road in the cemtery. Will continue with plans to mill/resurface/general road repair every 2 years.

Justification

Cemetery roads recently reviewed by City Engineering staff for condition and priority for maintenace/resurfacing. The cemetery has not had an overlay project since 2011 and there are stretches of road that have excessive cracking and damage.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION					50,000	50,000
Total					50,000	50,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					50,000	50,000
Total					50,000	50,000

Budget Impact/Other

This project would slightly reduce maintenance costs of the roadways by replacing old asphalt. The estimated annual savings is less than \$10,000 per year.

Project #

R4185

Project Name

Riverfront Crossings Riverbank/Park Development

Department

PARKS & RECREATION

Contact

John Yapp

Type

Multi-Phase

Useful Life

25 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

47

MATCH %

NONE

TIF DISTRICT

Riverfront Crossings

Description

Total Project Cost: \$1,000,000

New Riverfront Crossings Park on site of old wastewater plant in Riverfront Crossings District. Implementation of the park element of the Riverfront Crossings Plan. Revenue to be created with redevelopment and tax base of nearby properties - the park will be an attractor for redevelopment. The park will also serve as a floodable area / wetlands area.

Justification

Adaptive reuse of old wastewater treatment site, creation of wetlands / floodable area, creation of park amenity in Riverfront Crossings District. It is anticipated that the removal of the wastewater plant and the creation of the park will add to the attractiveness of redevelopment in the Riverfront Crossings District. Please note this is a cost estimate / placeholder - a more detailed cost estimate will be available this winter once park plans are more complete.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
500,000	CONSTRUCTION	500,000					500,000
Total	Total	500,000					500,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
500,000	GO BONDS	500,000					500,000
Total	Total	500,000					500,000

Budget Impact/Other

Estimated impact on operating costs includes the potential for additional mowing, maintenance, insurance, utilities, and personnel. The estimated increase in operating costs would be between \$50,000 and \$100,000.

Project #

R4189

Project Name

Emerald Ash Borer Response Plan

Department

PARKS & RECREATION

Contact

Zachary Hall

Type

Annual

Useful Life

15 years

Category

Parks Maintenance

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

67

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$425,000

Develop a response and action plan to mitigate and manage the impact of the inevitable Emerald Ash Borer infestation. The average cost of removal is \$800 per tree; the average cost of replanting is \$400 per tree. There is approximately 2,000 Ash trees for a total of \$2.4 million for removal and replanting over a 15 year time span. \$100,000 will remove and replant approximately 83 trees.

Justification

In June of 2014 EAB was detected in Iowa City and although an infestation has not been determined it is deemed to be inevitable due to EAB confirmations in neighboring counties such as Cedar and Muscatine. The City of Iowa City is responsible for approximately 2,000 Ash trees and currently does not have a funding source specified for EAB. This will afford the ability to identify, inventory, remove, replace and retain (as much as possible) the City's Ash population. Currently there is no state funding source available to aid municipalities with managing the impact from EAB. The Forestry division currently does not have the labor force or resources to effectively and safely manage an EAB infestation.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
150,000	CONSTRUCTION	75,000	50,000	50,000	50,000	50,000	275,000
Total	Total	75,000	50,000	50,000	50,000	50,000	275,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
150,000	GENERAL FUND	75,000	50,000	50,000	50,000	50,000	275,000
Total	Total	75,000	50,000	50,000	50,000	50,000	275,000

Budget Impact/Other

There will be costs for management and oversight for the program and for landfill disposal. Estimated additional expenditures is less than \$10,000 per year.

Project #

R4206

Project Name

Intra-city Bike Trails

GRANTEE

NONE

SCORE

40

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Kent Ralston

Type

Annual

Useful Life

40 Years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$350,000

Annual appropriation for the construction or repair of bike trails.

Justification

This project maintains the city's trail system and adds segments that are spelled out in the city's trail system master plan.

Prior

Expenditures

2017

2018

2019

2020

2021

Total

100,000

CONSTRUCTION

50,000

50,000

50,000

50,000

50,000

250,000

Total

Total

50,000

50,000

50,000

50,000

50,000

250,000

Prior

Funding Sources

2017

2018

2019

2020

2021

Total

100,000

GENERAL FUND

50,000

50,000

50,000

50,000

50,000

250,000

Total

Total

50,000

50,000

50,000

50,000

50,000

250,000

Budget Impact/Other

This project will increase operating expenses due to the additional maintenance required for the new trail and amenities. Estimated additional operating costs are less than \$10,000 per year.

Project #

R4224

Project Name

Hickory Hill Park & Trail Redesign & Development

GRANTEE

NONE

SCORE

54

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Juli Seydell-Johnson

Type

Multi-Phase

Useful Life

40 Years

Category

Parks Maintenance

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$600,000

This project will include the use of existing plans and new consultant plans for the re-development of the park and trail system. The project will also include wayfinding, amenity placement, and ADA opportunities within the park.

Justification

The project will be something that can develop the park for a long term solution of trails, bridges and ammenities for use by the public.

Prior

Expenditures

2017

2018

2019

2020

2021

Total

200,000

CONSTRUCTION

400,000

400,000

Total

Total

400,000

400,000

Prior

Funding Sources

2017

2018

2019

2020

2021

Total

200,000

GO BONDS

400,000

400,000

Total

Total

400,000

400,000

Budget Impact/Other

This project will improve the current trails and bridges allowing for more efficient maintenance of the park. Project is budget nuetral for the operating budget.

Project #

R4225

Project Name

Highway 1 Sidewalk/Trail

GRANTEE

TRAILS GRANT

SCORE

55

MATCH %

VARIES

TIF DISTRICT

None

Description

Total Project Cost: \$753,000

This project will construct a 10' wide sidewalk along IA Hwy 1 between Sunset Street and Mormon Trek Boulevard.

Justification

This project is an extension of the recently completed Hwy 1 Trail project that extends from Orchard Street to Sunset Street. This project is identified in the MPO Long Range Transportation Plan as a 'future' trail extension. This project would complete the planned Hwy 1 trail trail system and ultimately connect the existing Iowa River Corridor Trail to the existing Mormon Trek Boulevard wide sidewalk.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		75,000				75,000
CONSTRUCTION		678,000				678,000
Total		753,000				753,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		253,000				253,000
OTHER STATE GRANTS		500,000				500,000
Total		753,000				753,000

Budget Impact/Other

Additional trail mileage will add minimally to snow plowing, mowing, and general maintenance expenses. Anticipated additional operating expenses are less than \$10,000.

Project #

R4226

Project Name

Sustainable Roadway Vegetation Management Program

GRANTEE

NONE

SCORE

49

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$135,000

Develop a management plan to incorporate and maintain alternative plantings in non-parkland areas.

Justification

During the past two decades the Parks division has absorbed maintenance responsibilities for approximately 200 acres of non-parkland. This would allow for a more sustainable level of service, either internally or contracted.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
50,000	CONSTRUCTION	25,000	15,000	15,000	15,000	15,000	85,000
Total	Total	25,000	15,000	15,000	15,000	15,000	85,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
50,000	GENERAL FUND	25,000	15,000	15,000	15,000	15,000	85,000
Total	Total	25,000	15,000	15,000	15,000	15,000	85,000

Budget Impact/Other

The addition of the roadway vegetation would reduce the annual maintenance costs for the non-park land. The estimated reduction in annual operating costs is less than \$10,000.

Department

PARKS & RECREATION

Contact

Kent Ralston

Type

One Phase

Useful Life

40 Years

Category

Parks Maintenance

Priority

Efficiency Improvement (3)

Status

Active

Department

PARKS & RECREATION

Contact

Zachary Hall

Type

Annual

Useful Life

20 years

Category

Parks Maintenance

Priority

Efficiency Improvement (3)

Status

Active

Project #**R4227**

Project Name**Hwy 6 Trail - Sycamore to Heinz**

Department

PARKS & RECREATION

Contact

Kent Ralston

Type

One Phase

Useful Life

40 Years

Category

Parks Maintenance

Priority

Non-essential (5)

Status

Active

GRANTEE

TRAILS GRANT

SCORE

39

MATCH %

VARIES

TIF DISTRICT

None

Description

Total Project Cost: \$1,899,920

Construction of trail extension along Hwy 6 between Sycamore Street and Heinz Road and along First Avenue from the south side of Hwy 6 to Lower Muscatine Road.

Justification

This project is an extension of the Hwy 6 Trail and is an integral piece of the planned trail network. The project appears in MPOJC documents as a 'future' trail and also appears in the adopted 2009 Metropolitan Bicycle Master Plan. This project also meets the Council's Strategic Plan goal of 'Fostering Healthy Neighborhoods' by substantially improving the trail network. NOTE: If project extent is limited between Sycamore-Lakeside cost reduced to \$1,308,430.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION					1,727,200	1,727,200
CONTINGENCY					172,720	172,720
Total					1,899,920	1,899,920
Funding Sources	2017	2018	2019	2020	2021	Total
FEDERAL GRANTS					1,000,000	1,000,000
GO BONDS					899,920	899,920
Total					1,899,920	1,899,920

Budget Impact/Other

This project will add an additional 6,800 feet of trail (approximate) to the Parks & Recreation Department snow plowing, mowing, and general maintenance expenses. Additional operating expenditures are estimated to be less than \$10,000 per year.

Project #**R4322**

Project Name**Willow Crk/Kiwanis Park Improvements**

Department

PARKS & RECREATION

Contact

Juli Seydell-Johnson

Type

Multi-Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

58

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$750,000

This project is a multi-phase project. In 2015, a master plan for these two parks was completed along with the construction of a Splash Pad. The 2018 improvements include the continuation of renovations by completing stream bank restoration and renovating Willow Creek playground, restrooms, and shelters.

Justification

This project is consistent with the City's master plan to develop neighborhood parks. This is an area that is under served by park and recreation spaces.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
400,000	CONSTRUCTION			350,000			350,000
Total	Total			350,000			350,000
Prior	Funding Sources	2017	2018	2019	2020	2021	Total
400,000	GO BONDS			350,000			350,000
Total	Total			350,000			350,000

Budget Impact/Other

This action is neutral to the operating budget as it replaces/updates current facilities.

Project #

R4330

Project Name

Annual Recreation Center Improvements

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Chad Dyson

Type

Annual

Useful Life

20 years

Category

Recreation

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$425,000

Funds various facility upgrade, replacement, and maintenance projects for components that have exceeded their life expectancy for the Robert A. Lee Recreation Center and Mercer/Scanlon Recreation Center.

Justification

Funds are needed to cover unforeseen projects that result from aging facilities.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
100,000	CONSTRUCTION	65,000	65,000	65,000	65,000	65,000	325,000
Total	Total	65,000	65,000	65,000	65,000	65,000	325,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
100,000	GENERAL FUND	65,000	65,000	65,000	65,000	65,000	325,000
Total	Total	65,000	65,000	65,000	65,000	65,000	325,000

Budget Impact/Other

This project reduces expenditures through the replacement of aged facilities with new facilities. The anticipated savings are less than \$10,000 per year.

Project #

R4332

Project Name

Upgrade Building BAS Controls

GRANTEE

NONE

SCORE

26

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Kumi Morris

Type

Multi-Phase

Useful Life

15 years

Category

Parks Maintenance

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$535,000

Upgrade Building Automation System (BAS)/ Energy Management Control System (EMCS) controls to Robert A. Lee Recreation Center (2016), City Hall (2016), and Mercer/Scanlon HVAC Systems (2017).

Justification

These systems control facility HVAC (Heating, Ventilation, Air Conditioning) equipment along with the associated mechanical and electrical components. As these existing controls become aged, service technicians do the same, retiring and giving way to new advanced technology with greater efficiency and focus on sustainability. With that comes a different type of technician training and expertise. Please review the attached documents along with accompanying photos. The cost is \$170,000 for the Rec Center with a \$102,000 utility rebate; \$125,000 for City Hall with a \$75,000 utility rebate; \$240,000 for Mercer/Scanlon with \$0 utility rebate.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
295,000	CONSTRUCTION	240,000					240,000
Total	Total	240,000					240,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
295,000	GO BONDS	240,000					240,000
Total	Total	240,000					240,000

Budget Impact/Other

This project will significantly reduce operating costs and energy consumption in multiple facilities. Typical average annual energy savings on projects of this type range 8-12% of the cost of the project. Estimated savings is \$10,000 per year.

Project #**R4336**

Project Name**Recreation Center Lobby Remodel**

GRANTEE

NONE

SCORE

47

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Chad Dyson

Type

One Phase

Useful Life

20 years

Category

Recreation

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$160,000

Remodel first floor lobby area of the Robert A. Lee Recreation Center to include expansion of usable space by enclosing pool balcony, addition of patron seating, addition of indoor play equipment, and remodel entrance to the administrative offices.

Justification

This project will complete the customer service transition that was started in 2013. The project will enhance the usable space in the lobby for patron activity and observation of programs. Could be utilized for parties and rentals for additional revenue.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	15,000					15,000
CONSTRUCTION	145,000					145,000
Total	160,000					160,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS	160,000					160,000
Total	160,000					160,000

Budget Impact/Other

The addition of meeting room space could generate additional revenues, and the renovated spaces could marginally lower maintenance costs. This estimated impact on the operating budget is less than \$10,000.

Project #**R4340**

Project Name**Pedestrian Mall Reconstruction**

GRANTEE

NONE

SCORE

70

MATCH %

NONE

TIF DISTRICT

City-University

Department

PARKS & RECREATION

Contact

Geoff Fruin

Type

One Phase

Useful Life

40 Years

Category

Parks Maintenance

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$6,950,000

This project is part of the downtown streetscape master plan. This project updates the Blackhawk mini park and the east and west wings of the pedestrian mall. The project includes replacing brick pavers, new landscape and lighting, enhanced fountain lighting , and a performance stage.

Justification

The pedestrian mall is a central gathering place for all in Iowa City and is in poor condition. The brick pavers, lighting, and utilities are in poor condition. This project will replace and enhance those features and add new amenities for this gather space.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	720,000					720,000
CONSTRUCTION		2,600,000	2,600,000			5,200,000
INSPECTION		200,000	200,000			400,000
ADMINISTRATION		200,000	200,000			400,000
CONTINGENCY	30,000	100,000	100,000			230,000
Total	750,000	3,100,000	3,100,000			6,950,000
Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS	750,000	3,100,000	3,100,000			6,950,000
Total	750,000	3,100,000	3,100,000			6,950,000

Budget Impact/Other

This project should increase operating expenditures due to the addition of new amenities which should be partially offset by savings achieved from replacing the poor infrastructure. The estimated increase in operating expenditures is between \$10,000 and \$20,000 per year.

Project #

R4341

Project Name

Creekside Park Redevelopment

GRANTEE

NONE

SCORE

58

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Juli Seydell-Johnson

Type

One Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$328,000

Renovate Creekside Park as recommended in the Parks & Recreation Master Plan.

Justification

Identified as a priority in the Parks and Recreation Master Plan.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	28,000					28,000
CONSTRUCTION		300,000				300,000
Total	28,000	300,000				328,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		328,000				328,000
Total		328,000				328,000

Budget Impact/Other

Due to the additional facilities and equipment, there will be additional maintenance and operational expenditures. The estimated increase in the operating expenditures is less than \$10,000 per year.

Project #

R4345

Project Name

Cardigan Park Development

GRANTEE

NONE

SCORE

44

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Juli Seydell-Johnson

Type

One Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$170,000

Develop newly acquired park land located near Huntington and Cardingan Lane with playground, shelter, and paths.

Justification

This area of Iowa City is continuing to develop with multi-family housing surrounding three sides of this new park.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		20,000				20,000
CONSTRUCTION		150,000				150,000
Total		170,000				170,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		150,000				150,000
PARK DEDICATION FEES		20,000				20,000
Total		170,000				170,000

Budget Impact/Other

This project will increase the annual operating expenditures due to the additional shelter and playground. The estimated increase is less than \$10,000 per year.

Project #

R4346

Project Name

New West Side Park Development

GRANTEE

NONE

SCORE

24

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Juli Seydell-Johnson

Type

One Phase

Useful Life

40 Years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$300,000

New park development on Open Space Land Dedication near Slothhower & Rhohret Rd.

Justification

As neighborhoods are developed in this area, park amenities will be needed to serve the residents.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION					300,000	300,000
Total					300,000	300,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					300,000	300,000
Total					300,000	300,000

Budget Impact/Other

This project will increase operating expenditures due to the addition of new park amenities and finished park land. The estimated increase in operating expenditures is \$20,000.

Project #

R4347

Project Name

Terry Trueblood Recreation Area Parking Expansion

GRANTEE

NONE

SCORE

39

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Zachary Hall

Type

One Phase

Useful Life

40 Years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$225,000

Expansion of the parking areas with addition of 100 parking spaces at the Terry Trueblood Recreation Area lodge and lake.

Justification

Terry Trueblood Recreation Area fulfills the Park Master Plan goal for large community gathering space - except for the number of parking spaces available. Adding additional parking spaces will increase the capacity of this park for large events and rentals. The popularity of the lodge and lake has made it apparent that expanded parking on the north end of the park is needed. Parking space capacity and damage to non-parking areas due to overflow parking is continually an issue during our active season. The original design plans for area allowed for expanded parking areas in the future.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION					225,000	225,000
Total					225,000	225,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					225,000	225,000
Total					225,000	225,000

Budget Impact/Other

This improvement has the potential to increase revenue from shelter and Terry Trueblood Recreation Area lodge rentals; however, may require additional maintenance for the new pavement. The estimated increase in operating expenditures is less than \$10,000 per year which may be offset by increased revenues.

Project #

R4348

Project Name

Fairmeadows Playground and Shelter

GRANTEE

NONE

SCORE

67

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Zachary Hall

Type

One Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$75,000

Replacement of current outdated playground with young child playground and picnic shelter.

Justification

Parks Master Plan calls for more services in low income neighborhoods. This project would construct an updated small child playground and shelter in a location that would achieve better ADA accessibility. The small child focus has been chose to compliment the larger, older children playground available at adjacent school.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION			75,000			75,000
Total			75,000			75,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS			75,000			75,000
Total			75,000			75,000

Budget Impact/Other

This action is nuetral to the operating budget as it replaces/updates current facilities.

Project #

R4349

Project Name

Wetherby Bathroom and Shelter Upgrades

GRANTEE

NONE

SCORE

64

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Zachary Hall

Type

One Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$300,000

Replacement of outdated restroom, shelter and playground. Install a "destination playground".

Justification

2008 Park Master plan calls for more services in lower income neighborhoods. Renovating the restroom and shelter at Wetherby will keep this park and active asset for community use and engagement in the SE District. It is also the last in the Park system to have funding designated for upgrading to the new restroom and shelter design.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION				300,000		300,000
Total				300,000		300,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS				300,000		300,000
Total				300,000		300,000

Budget Impact/Other

This action is nuetral to the operating budget as it replaces/updates current facilities.

Project #**R4350**

Project Name**Chadek Green Park Development**

GRANTEE

NONE

SCORE

44

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Juli Seydell-Johnson

Type

One Phase

Useful Life

20 years

Category

Parks Maintenance

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$175,000

Develop restroom, shelter and playground near community gardens at Chadek Green Park.

Justification

Fosters healthy neighborhoods and grows local foods economy by adding user requested ammenities to this large community garden site. These improvement also add park amenities to the Central District which has fewer than other districts.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN					25,000	25,000
CONSTRUCTION					150,000	150,000
Total					175,000	175,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					175,000	175,000
Total					175,000	175,000

Budget Impact/Other

This project will increase the annual operating expenditures due to the additional restroom, shelter and playground. The estimated increase is less than \$10,000 per year.

Project #

R4351

Project Name

Recreation Center ADA Improvements

Department

PARKS & RECREATION

Contact

Chad Dyson

Type

Multi-Phase

Useful Life

25 years

Category

Recreation

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

84

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$700,000

The 2014 ADA survey of the Robert A. Lee Recreation Center facility indicated a number of code issues, including restroom and locker room accommodations, handrails, interior space issues, signage and furnishings. This project would bring the facility up to current ADA, mechanical and plumbing codes, and modernize the 1960 design to current public needs and enhance operational efficiencies. The project will also address the two level multiple entry problems and involve remodeling the second level to address ADA code matters with offices and workspaces. A large part of the work would also involve replacing the corroded cast iron plumbing systems from the boiler room to the locker rooms and restrooms.

Justification

The Robert A. Lee Recreation Center is an old and heavily used facility providing citizens with a wide range of health and leisure activities. This project will enhance the divisions service delivery to our citizens and improve the overall aesthetics of the facility. The ADA updates and mechanical updates are a critical need for the facility to continue to provide appropriate services to our community.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				45,000		45,000
CONSTRUCTION				625,000		625,000
CONTINGENCY				30,000		30,000
Total				700,000		700,000
Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS				700,000		700,000
Total				700,000		700,000

Budget Impact/Other

This project would reduce maintenance and repair expenditures due to the replacement of older infrastructure. The estimated annual reduced operating expenditures is less than \$10,000 per year.

Project #**R4352**

Project Name**Mercer Park Pool Improvements**

GRANTEE

NONE

SCORE

61

MATCH %

NONE

TIF DISTRICT

None

Department

PARKS & RECREATION

Contact

Chad Dyson

Type

One Phase

Useful Life

25 years

Category

Recreation

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$530,000

This project would include the replacement of the two pool bulkheads, tile deck, dive stands, and the renovation of the women's locker room from a shared shower space to two separate shower spaces.

Justification

The bulkheads have passed their life expectancy and have become mostly inoperatable. The tiles on the deck have become chipped and worn to the point that yearly replacements are no longer cost effective. The recommendation is to replace the tile deck with flooring consistant with the RAL pool which is easier to maintain and clean. The current layout of the women's locker room is inefficient for operations. The change in the locker room layout will provide better access for patrons with special needs and their aids.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				10,000		10,000
CONSTRUCTION				485,000		485,000
OTHER				35,000		35,000
Total				530,000		530,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS				530,000		530,000
Total				530,000		530,000

Budget Impact/Other

These renovations will be budget nuetral to the operating budget.

Project #

Y4438

Project Name

Police Department Flooring & Cabinets

Department

POLICE

Contact

Bill Campbell

Type

One Phase

Useful Life

10 years

Category

Police

Priority

Aesthetic Improvement (4)

Status

Active

GRANTEE

NONE

SCORE

46

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$135,084

Flooring replacment for the Police Department, this includes furniture moving and storage, and the demolition and removal of existing flooring material in cooridors and offices at approximately \$6.60/sf for carpet tile in first (6334 sf) and second floor (2654 sf) is \$6.60 (8988 gross sf)= \$59,320.80 and resiliant vinyl in stairwell (between police and fire, from lower level to second floor) is \$3,400., and urethane flooring in lower level (2372 sf) is \$35,580 ; for a total of \$98,300.80 for flooring replacement. Demolition and replacing floor and wall cabinets in the first floor record and report writing room are commercial/industrial built in cabinets \$5,589.

Justification

Current flooring in the Police Department is worn and stained. This project would include new flooring for the lower level (possibly an epoxy or somethign similar), new flooring for the main level(to inlcude carpet squares in office space and heavy duty vinyl in hallways), new flooring for the uppper level (carpet squares), and floor wrap for the stair case between the Police and Fire Departments. The Department routinely has members of the public that enter the Department to report crime, speak with officers and take tours. One community member recently commented on how "run down" the Department appeared.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION		135,084				135,084
Total		135,084				135,084
Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		135,084				135,084
Total		135,084				135,084

Budget Impact/Other

This project would reduce repair and maintenance expenditures due to replacement of worn flooring and cabinets. Estimated savings is less than \$10,000 per year.

Project #

M3629

Project Name

Normandy Drive Storm Sewer Replacement

GRANTEE

NONE

SCORE

48

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

One Phase

Useful Life

50 years

Category

Storm Water

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$375,000

This project will make storm sewer improvements on Normandy Drive. This project replaces a failing corrugated metal pipe. The improvements will include a modified intake structure with a valve to allow for installation of salvaged pumps to allow for more efficient pumping.

Justification

During flood events, the modification will allow for more efficient pumping of storm water.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	25,000					25,000
CONSTRUCTION	350,000					350,000
Total	375,000					375,000

Funding Sources	2017	2018	2019	2020	2021	Total
STORM WATER FUND	375,000					375,000
Total	375,000					375,000

Budget Impact/Other

The project will decrease the amount of staffing necessary to keep the pumps operating. The estimated operating impact is lower annual expenditures by less than \$10,000.

Project #

M3630

Project Name

Stevens Drive Storm Sewer Improvements

GRANTEE

NONE

SCORE

48

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

One Phase

Useful Life

50 years

Category

Storm Water

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$375,000

This project will make storm sewer and gate structure modifications on Stevens Drive to allow for installation of salvaged pumps to allow for more efficient pumping.

Justification

During flood events, the modification will allow for more efficient pumping of storm water.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
25,000	CONSTRUCTION	350,000					350,000
Total	Total	350,000					350,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
25,000	STORM WATER FUND	350,000					350,000
Total	Total	350,000					350,000

Budget Impact/Other

The project will decrease the amount of staffing necessary to keep the pumps operating. The estimated operating impact is lower annual expenditures by less than \$10,000.

Project #

M3631

Project Name

Annual Storm Water Improvements

GRANTEE

NONE

SCORE

51

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ben Clark

Type

Annual

Useful Life

50 years

Category

Storm Water

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$1,440,000

This is an annual project that will repair and/or improve stormwater infrastructure throughout the City.

Justification

This project is required to maintain the existing stormwater system and to make improvements where necessary.

Prior

Expenditures

2017

2018

2019

2020

2021

Total

240,000

CONSTRUCTION

240,000

240,000

240,000

240,000

240,000

1,200,000

Total

Total

240,000

240,000

240,000

240,000

240,000

1,200,000

Prior

Funding Sources

2017

2018

2019

2020

2021

Total

240,000

STORM WATER FUND

240,000

240,000

240,000

240,000

240,000

1,200,000

Total

Total

240,000

240,000

240,000

240,000

240,000

1,200,000

Budget Impact/Other

The impact of this project on the operating budget is negligible.

Project #

M3632

Project Name

Lower Muscatine Area Storm Sewer Improvements

GRANTEE

NONE

SCORE

27

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Jason Havel

Type

One Phase

Useful Life

50 years

Category

Storm Water

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$750,000

This project will install new storm sewer and intakes along Deforest Avenue, Franklin Street, Ash Street, Pine Street and Spruce Street near their intersections with Lower Muscatine Road and Sycamore Street.

Justification

Most streets in the neighborhood around Lower Muscatine Road have minimal storm sewer/intakes. During heavier rain events, storm water running down side streets creates flooding issues on Lower Muscatine Road and Sycamore Street. This project aims to collect storm water from the side streets prior to it collecting on Lower Muscatine Road and Sycamore Street.

Expenditures

2017

2018

2019

2020

2021

Total

PLANNING/DESIGN

75,000

75,000

CONSTRUCTION

525,000

525,000

INSPECTION

50,000

50,000

CONTINGENCY

100,000

100,000

Total

75,000

675,000

750,000

Funding Sources

2017

2018

2019

2020

2021

Total

STORM WATER FUND

75,000

675,000

750,000

Total

75,000

675,000

750,000

Budget Impact/Other

Additional storm sewer and intakes will result in additional future maintenace costs. The estimated increase in operating expenditures is less than \$10,000 per year.

Project #

P3959

Project Name

Public Works Facility

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

One Phase

Useful Life

40 Years

Category

Public Works Administration

Priority

Efficiency Improvement (3)

Status

Active

GRANTEE

NONE

SCORE

47

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$12,000,000

This project replaces the equipment storage, offices, and maintenance facilities for the streets, traffic engineering, storm and sanitary sewer maintenance, refuse collection, and equipment divisions.

Justification

The current facilities are in poor condition and are very inefficient. The City also leases facilities around the area due to the lack of adequate storage space The current facilities occupy a space that is a prime commercial location adjacent to the Riverfront Crossings area. The Master Plan for the new facility is currently being updated.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	700,000					700,000
CONSTRUCTION	3,750,000	6,850,000				10,600,000
INSPECTION		200,000				200,000
CONTINGENCY		500,000				500,000
Total	4,450,000	7,550,000				12,000,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
200,000	EQUIPMENT FUND		1,100,000				1,100,000
Total	GENERAL FUND	2,500,000					2,500,000
	GO BONDS	700,000	700,000				1,400,000
	LANDFILL FUND		2,500,000				2,500,000
	REFUSE COLLECTION FUND		500,000				500,000
	ROAD USE TAX FUND	1,000,000	1,000,000				2,000,000
	SALE OF LAND		1,000,000				1,000,000
	STORM WATER FUND		300,000				300,000
	WATER FUND		500,000				500,000
	Total	4,200,000	7,600,000				11,800,000

Budget Impact/Other

The operating costs of a new facility will be higher due to an increase in the cost of insurance and utilities. The facility should be create better operational efficiencies. The net impact on operations is an increase of expenditures between \$50,000 and \$100,000 per year.

Project #

P3974

Project Name

Riverside Drive Pedestrian Tunnel

GRANTEE

NONE

SCORE

62

MATCH %

NONE

TIF DISTRICT

Riverside Drive

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

One Phase

Useful Life

60 years

Category

Public Works Administration

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$1,554,714

Construct a pedestrian tunnel through the railroad overpass on the west side of Riverside Drive.

Justification

This will help spur the development plans of the Hartwig Motor site.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
120,714	CONSTRUCTION	1,434,000					1,434,000
Total	Total	1,434,000					1,434,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
120,714	GO BONDS	1,434,000					1,434,000
Total	Total	1,434,000					1,434,000

Budget Impact/Other

Operating costs will increase due to the required maintenance of the tunnel. The estimated increase in operating costs is less than \$10,000 per year.

Project #

P3977

Project Name

Riverside Drive Streetscape Improvements

Department

PUBLIC WORKS

Contact

Karen Howard

Type

Multi-Phase

Useful Life

50 years

Category

Public Works Administration

Priority

Aesthetic Improvement (4)

Status

Active

GRANTEE

NONE

SCORE

57

MATCH %

NONE

TIF DISTRICT

Riverside Drive

Description

Total Project Cost: \$896,000

Justification

Prior	Expenditures	2017	2018	2019	2020	2021	Total
75,000	CONSTRUCTION	616,000	205,000				821,000
Total	Total	616,000	205,000				821,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS	616,000	205,000				821,000
TAX INCREMENT FINANCING	75,000					75,000
Total	691,000	205,000				896,000

Budget Impact/Other

Project # P3981

Project Name West Riverbank Stabilization and trail

GRANTEE NONE

SCORE 66

MATCH % NONE

TIF DISTRICT Riverside Drive

Department PUBLIC WORKS

Contact Ron Knoche

Type One Phase

Useful Life 40 Years

Category Public Works Administration

Priority Critical (1)

Status Active

Description

Total Project Cost: \$4,400,000

Final design for and stabilization of the west bank of the Iowa River from Benton Street to Hwy 6 and completion of the trail connection. Original design for trail project was completed by Shive-Hattery in 1997. Feasibility level study and Class 4 opinion of probable cost for bank stabilization completed by McLaughlin Whitewater Design Group based on survey work completed by Shoemaker & Haaland in 2013.

Justification

In 2013, as part of the Iowa River Restoration Project, Shoemaker & Haaland surveyed sections of the damaged west bank to aerial topography from Ayres study after 2008 flood. Drastic bank erosion has occurred since 2008 (17 feet horizontally and 10 feet vertically). Loss of armoring and vegetation after 2008 flood leaves much the west bank highly susceptible to further erosion, threatening existing commercial buildings, health of the aquatic environment, and reduces the potential for a trail connection. Increased frequency and severity of flooding along the Iowa River will likely increase the pace of erosion.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION	400,000		4,000,000			4,400,000
Total	400,000		4,000,000			4,400,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS	400,000		4,000,000			4,400,000
Total	400,000		4,000,000			4,400,000

Budget Impact/Other

This project will have an increase in operating expenditures for the addition of new infrastructure. The estimated increase in annual expenditures is less than \$10,000 per year.

Project #**S3809**

Project Name**Iowa City Gateway Project (Dubuque St)**

GRANTEE

EDA/STP

SCORE

71

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Melissa Clow

Type

One Phase

Useful Life

50 years

Category

Street Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$51,794,624

This project will reconstruct and elevate approximately 4,200 feet of Dubuque Street and replace the Park Road Bridge. The project will incorporate multi-modal features and be designed to provide flood protection for the Dubuque Street and reduce flood peaks upstream from the Park Road Bridge. This project includes the construction of the North River Corridor Trunk Sewer and replaces water main from Davenport to Park Road.

Justification

Dubuque Street carries approximately 25,500 cars/day and has been shut down 3 times in the past 20 years due to Iowa River flooding for approximately 150 days. Additional closures have occurred during heavy rain events. The Dubuque Street is the main entry into Iowa City and its closure impacts the transportation network throughout the City, emergency access, pedestrian and bicycle transportation and more.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
8,727,042	CONSTRUCTION	30,000,000	9,882,876				39,882,876
	INSPECTION	1,250,000	834,706				2,084,706
Total	CONTINGENCY	750,000	350,000				1,100,000
	Total	32,000,000	11,067,582				43,067,582

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
13,332,364	FEDERAL GRANTS	7,699,665					7,699,665
	GO BONDS	2,500,000	5,500,000				8,000,000
Total	LOCAL OPTION SALES TAX	18,262,595					18,262,595
	STORM WATER FUND		500,000				500,000
	WASTEWATER FUND	2,000,000	2,000,000				4,000,000
	Total	30,462,260	8,000,000				38,462,260

Budget Impact/Other

This project will reduce the maintenance expenses of the Dubuque and Park Road pavements and the Park Road Bridge. The estimated annual decrease in operating expenditures is less than \$10,000.

Department	PUBLIC WORKS
Contact	Ron Knoche
Type	Annual
Useful Life	20 years
Category	Street Operations
Priority	Efficiency Improvement (3)
Status	Active

Description	Total Project Cost: \$1,050,000
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Justification

Prior	Expenditures	2017	2018	2019	2020	2021	Total
300,000	EQUIPMENT	150,000	150,000	150,000	150,000	150,000	750,000
Total	Total	150,000	150,000	150,000	150,000	150,000	750,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
300,000	ROAD USE TAX FUND	150,000	150,000	150,000	150,000	150,000	750,000
Total	Total	150,000	150,000	150,000	150,000	150,000	750,000

Budget Impact/Other

Department	PUBLIC WORKS
Contact	Ron Knoche
Type	Annual
Useful Life	40 Years
Category	Street Operations
Priority	Efficiency Improvement (3)
Status	Active

Description	Total Project Cost: \$135,000
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Annual appropriation for traffic calming projects	
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Justification

These projects create safer and quieter neighborhoods from vehicle traffic.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
50,000	CONSTRUCTION	25,000	15,000	15,000	15,000	15,000	85,000
Total	Total	25,000	15,000	15,000	15,000	15,000	85,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
50,000	ROAD USE TAX FUND	25,000	15,000	15,000	15,000	15,000	85,000
Total	Total	25,000	15,000	15,000	15,000	15,000	85,000

Budget Impact/Other

The addition of infrastructure of this nature adds maintenance expense to the City's operating budget. The estimated increase in operating expenses is less than \$10,000 per year.

Department	PUBLIC WORKS
Contact	Ron Knoche
Type	Annual
Useful Life	20 years
Category	Street Operations
Priority	Efficiency Improvement (3)
Status	Active

Department	PUBLIC WORKS
Contact	Dave Panos
Type	Annual
Useful Life	40 Years
Category	Street Operations
Priority	Critical (1)
Status	Active

Budget Impact/Other	
This project creates additional infrastructure to maintain. The estimated increase in operating costs is negligible.	

Project #

S3823

Project Name

Brick Street Repairs

GRANTEE

NONE

SCORE

40

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

Annual

Useful Life

40 Years

Category

Street Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$120,000

Annual appropriation for the repair of brick streets.

Justification

The City's brick streets require continual maintenance and updates in order to maintain in acceptable condition for drivers.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
40,000	CONSTRUCTION	20,000	15,000	15,000	15,000	15,000	80,000
Total	Total	20,000	15,000	15,000	15,000	15,000	80,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
40,000	ROAD USE TAX FUND	20,000	15,000	15,000	15,000	15,000	80,000
Total	Total	20,000	15,000	15,000	15,000	15,000	80,000

Budget Impact/Other

Replacing aged infrastructure will lower the City's operating expenditures through decreased maintenance costs. The estimated decrease in operating expenses is less than \$10,000 per year.

Project #

S3824

Project Name

Annual Pavement Rehabilitation

GRANTEE

NONE

SCORE

65

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Dave Panos

Type

Annual

Useful Life

20 years

Category

Street Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$10,848,431

Annual appropriation for resurfacing roadways.

Justification

This is project is necessary to maintain the city's street infrastructure at an acceptable level.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
2,355,812	PLANNING/DESIGN	100,000	100,000	100,000	100,000	100,000	500,000
Total	CONSTRUCTION	1,299,219	1,398,350	1,498,350	1,598,350	1,698,350	7,492,619
	INSPECTION	50,000	50,000	50,000	50,000	50,000	250,000
	ADMINISTRATION	50,000	50,000	50,000	50,000	50,000	250,000
	Total	1,499,219	1,598,350	1,698,350	1,798,350	1,898,350	8,492,619

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
2,355,812	ROAD USE TAX FUND	1,382,000	1,482,000	1,582,000	1,682,000	1,782,000	7,910,000
Total	UTILITY FRANCHISE TAX	117,219	116,350	116,350	116,350	116,350	582,619
	Total	1,499,219	1,598,350	1,698,350	1,798,350	1,898,350	8,492,619

Budget Impact/Other

Replacing aged infrastructure will lower the City's operating expenditures through decreased maintenance costs. The estimated decrease in operating expenses is less than \$10,000 per year.

Project #

S3826

Project Name

Underground Electrical Facilities

GRANTEE

NONE

SCORE

40

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

Annual

Useful Life

20 years

Category

Street Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$1,263,036

Annual average expense to convert overhead electrical systems to underground.
Dubuque Street, Riverside Drive, and Gilbert Street are currently the priority corridors for undergrounding electrical facilities.

Justification

The City receives franchise fees from utility services. A portion of these fees is assigned to underground electrical issues and for moving electrical lines underground. This creates fewer electrical issues due to weather and a cleaner appearance from fewer above ground lines.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
389,106	CONSTRUCTION	175,830	174,525	174,525	174,525	174,525	873,930
Total	Total	175,830	174,525	174,525	174,525	174,525	873,930

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
389,106	UTILITY FRANCHISE TAX	175,830	174,525	174,525	174,525	174,525	873,930
Total	Total	175,830	174,525	174,525	174,525	174,525	873,930

Budget Impact/Other

Maintenance of the electrical lines is the responsibility of the utility companies. This project has a negligible impact on the City's operating budget.

Project #

S3827

Project Name

Annual Complete Streets Improvements

GRANTEE

NONE

SCORE

45

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

Annual

Useful Life

20 years

Category

Street Operations

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$900,000

This is an annual project to study and reconstruct some of the City's major street and road corridors for conversion to "complete" streets. Improvement projects will include construction of bike lanes, sidewalks, and other features that will improve roadways and streets to promote equal access and usability for all modes of transportation including bicycles, pedestrians, buses, and cars. Projects will also fund the conversion of four lane roads into three lane roads in certain areas that are highly used by all of the various modes of transportation.

Justification

This project implements the complete streets plan that meets the City's goals for a greener, more walkable community that is pedestrian and bicycle friendly and helps build a more sustainable environment.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	50,000	25,000	25,000	25,000	25,000	150,000
CONSTRUCTION	250,000	125,000	125,000	125,000	125,000	750,000
Total	300,000	150,000	150,000	150,000	150,000	900,000
Funding Sources	2017	2018	2019	2020	2021	Total
ROAD USE TAX FUND	300,000	150,000	150,000	150,000	150,000	900,000
Total	300,000	150,000	150,000	150,000	150,000	900,000

Budget Impact/Other

The impact of the operating budget is negligible.

Project #

S3828

Project Name

Sidewalk Infill Program

GRANTEE

NONE

SCORE

40

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$300,000

Biennial program to construct sidewalks where gaps exist.

Justification

This project improves the city's transportation system for pedestrians and bicycles by filling in portions of the sidewalk network that have segments missing.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
100,000	CONSTRUCTION	100,000				100,000	200,000
Total	Total	100,000				100,000	200,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
100,000	GO BONDS	100,000				100,000	200,000
Total	Total	100,000				100,000	200,000

Budget Impact/Other

This project creates additional infrastructure to maintain. The estimated increase in operating costs is negligible.

Project #

S3834

Project Name

Burlington & Madison Intersection Improvements

GRANTEE

TSIP/STP

SCORE

72

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$2,537,524

This project will reconstruct the intersection of Burlington and Madison to add turn lanes on Madison, signal improvements, and the replacement of water and sewer mains. The project also includes a landscaped median from the Iowa River to Madison Street. The project is designed to address pedestrian and traffic flows related to the U of I Recreation Center and future growth.

Justification

This project improves pedestrian and vehicle movements at the Burlington and Madison intersection creating greater safety for pedestrians.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
137,524	PLANNING/DESIGN		100,000				100,000
	CONSTRUCTION		2,200,000				2,200,000
Total	INSPECTION		100,000				100,000
	Total		2,400,000				2,400,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
537,524	FEDERAL GRANTS		1,511,000				1,511,000
Total	OTHER STATE GRANTS		500,000				500,000
	Total		2,011,000				2,011,000

Budget Impact/Other

This project will replace old infrastructure which should reduce operating costs, but also adds additional turning lanes and traffic signals which will require additional maintenance. The net impact of the changes on the City's operating budget will be negligible.

Department

PUBLIC WORKS

Contact

Josh Slattery

Type

Multi-Phase

Useful Life

20 years

Category

Street Operations

Priority

Essential (2)

Status

Active

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

One Phase

Useful Life

20 years

Category

Street Operations

Priority

Efficiency Improvement (3)

Status

Active

Project #
Project Name

S3843
Annual RR Crossings City Wide

GRANTEE
MATCH %

NONE
NONE

SCORE
TIF DISTRICT

40
None

Department
Contact
Type
Useful Life
Category
Priority
Status

PUBLIC WORKS
Ron Knoche
Annual
40 Years
Street Operations
Essential (2)
Active

Description

Total Project Cost: \$140,000

Annual appropriation for the repair of railroad crossings.

Justification

This project repairs railroad intersections to improve the flow of traffic and to reduce accidents and damages due to poor crossings.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
40,000	CONSTRUCTION	20,000	20,000	20,000	20,000	20,000	100,000
Total	Total	20,000	20,000	20,000	20,000	20,000	100,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
40,000	ROAD USE TAX FUND	20,000	20,000	20,000	20,000	20,000	100,000
Total	Total	20,000	20,000	20,000	20,000	20,000	100,000

Budget Impact/Other

Replacing aged infrastructure will lower the City's operating expenditures through decreased maintenance costs. The estimated decrease in operating expenses is less than \$10,000 per year.

Project # S3854

Project Name American Legion Rd-Scott Blvd to Taft Ave

GRANTEE STP

SCORE 70

MATCH % 70%

TIF DISTRICT None

Department PUBLIC WORKS

Contact Ron Knoche

Type One Phase

Useful Life 50 years

Category Street Operations

Priority Essential (2)

Status Active

Description

Total Project Cost: \$7,800,000

This project will include the study of the intersection of Scott Boulevard and Muscatine Avenue/American Legion Road to determine the preferred traffic control measures to reduce delay/congestion. The study will evaluate existing conditions, traffic signal control with additional turn lanes, and a roundabout. Based on the results of the study, a preferred alternative for the intersection improvements will be chosen, designed and constructed. This project will also reconstruct American Legion Road to urban standards from Taft Avenue to Scott Boulevard and include an 8' sidewalk.

Justification

In addition to residential development along this road, the Iowa City Community School District has purchased a site along this street to build a new elementary school.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			250,000			250,000
LAND/ROW ACQUISITION			100,000			100,000
CONSTRUCTION				7,300,000		7,300,000
INSPECTION				100,000		100,000
ADMINISTRATION				50,000		50,000
Total			350,000	7,450,000		7,800,000

Funding Sources	2017	2018	2019	2020	2021	Total
CONTRIBUTIONS & DONATIONS				100,000		100,000
FEDERAL GRANTS				2,240,660		2,240,660
GO BONDS				5,459,340		5,459,340
Total				7,800,000		7,800,000

Budget Impact/Other

This project will replace old infrastructure which should reduce operating costs, but also adds additional pavement and trails which will require additional maintenance. The net impact of the changes on the City's operating budget will be an increase of less than \$10,000 per year.

Project #

S3910

Project Name

Annual Bridge Maintenance & Repair

GRANTEE

NONE

SCORE

60

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Jason Havel

Type

Annual

Useful Life

20 years

Category

Street Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$1,400,000

This provides for the repair and minor maintenance of Iowa City's bridges, and the biennial inspections of the bridges.

Justification

Repairs to bridge components such as railings that have deteriorated because of age or have been damaged from vehicular collisions, are necessary to provide safe structures for motorists and pedestrians. The budget amount is higher than past years as repairs to expansion joints/bridge decks will be prtformed on 3 bridges.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
100,000	PLANNING/DESIGN		25,000	25,000	25,000	25,000	100,000
Total	CONSTRUCTION	300,000	175,000	175,000	175,000	175,000	1,000,000
	INSPECTION		15,000	15,000	15,000	15,000	60,000
	ADMINISTRATION		35,000	35,000	35,000	35,000	140,000
	Total	300,000	250,000	250,000	250,000	250,000	1,300,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
100,000	ROAD USE TAX FUND	300,000	250,000	250,000	250,000	250,000	1,300,000
Total	Total	300,000	250,000	250,000	250,000	250,000	1,300,000

Budget Impact/Other

This project will reduce operating costs due to the upkeep and maintainance of older infrastructure. The reduction in operating costs is negligible.

Project #

S3932

Project Name

LED Streetlight Replacement

GRANTEE

NONE

SCORE

53

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Ron Knoche

Type

Annual

Useful Life

20 years

Category

Street Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$500,000

This project will retrofit existing city owned streetlights with LED technology. Estimated payback period for LED streetlights is 3.5 years.

Justification

Retorfitting streetlights with LED technology will create long-term savings for the City and is consistent with the sustainability goals of the City Council.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
125,000	EQUIPMENT	75,000	75,000	75,000	75,000	75,000	375,000
Total	Total	75,000	75,000	75,000	75,000	75,000	375,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
125,000	ROAD USE TAX FUND	75,000	75,000	75,000	75,000	75,000	375,000
Total	Total	75,000	75,000	75,000	75,000	75,000	375,000

Budget Impact/Other

This project will decrease street lighting costs by 30% and streets overtime for replacing bulbs when the project is complete. The accumulated savings will be in excess of \$100,000 per year.

Project #S3933

Project NameMyrtle/Riverside Intersection Signalization

GRANTEE
NONE

SCORE
45

MATCH %
NONE

TIF DISTRICT
Riverside Drive

Department
PUBLIC WORKS

Contact
Kent Ralston

Type
One Phase

Useful Life
20 years

Category
Street Operations

Priority
Essential (2)

Status
Active

Description

Total Project Cost: \$900,000

Signalization of the Myrtle & Riverside intersection. The project will also included necessary ADA paving improvments.

Justification

This project will be necessary to provide a safe pedestrian crossing of Riverside Drive. This project has become necessary with the decision to move forward with the Riverside Drive Pedestrian Tunnel project.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION	900,000					900,000
Total	900,000					900,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS	900,000					900,000
Total	900,000					900,000

Budget Impact/Other

Operating and maintence costs will be minimal until replacment is needed. Additional expenditures are estimated at less than \$10,000 per year.

Project # S3934

Project Name McCollister Blvd - Gilbert to Sycamore

GRANTEE NONE

SCORE 48

MATCH % NONE

TIF DISTRICT None

Department PUBLIC WORKS

Contact John Yapp

Type One Phase

Useful Life 50 years

Category Street Operations

Priority Essential (2)

Status Active

Description

Total Project Cost: \$3,375,000

Extend McCollister Blvd from its current terminus east of Gilbert St to Sycamore St.

Justification

Project is consistent with the arterial street plan and South District Plan. With the opening of Alexander School, the need for better east-west traffic circulation has become important. Project will also serve as a catalyst for further residential development in the South District. Project will also reduce traffic pressure on Langenburg Ave, a residential street.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		300,000				300,000
CONSTRUCTION			2,500,000			2,500,000
INSPECTION			75,000			75,000
ADMINISTRATION		50,000	75,000			125,000
CONTINGENCY			375,000			375,000
Total		350,000	3,025,000			3,375,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS			2,875,000			2,875,000
STORM WATER FUND			500,000			500,000
Total			3,375,000			3,375,000

Budget Impact/Other

Normal street maintenance activities - will add approximately 3,000 feet to arterial street system. Estimated annual expenditures are less than \$10,000 per year.

Project # S3935

Project Name Prentiss Street Bridge Replacement

GRANTEE IDOT

SCORE 80

MATCH % 20%

TIF DISTRICT None

Department PUBLIC WORKS

Contact Jason Havel

Type One Phase

Useful Life 50 years

Category Street Operations

Priority Critical (1)

Status Active

Description

Total Project Cost: \$1,200,000

This project will include the removal and replacement of the existing triple corrugated metal pipe culverts with new reinforced concrete box culverts. The project will also include removal and replacement of downstream Ralston Creek slope protection, upsizing storm sewer along Prentiss Street and removal and replacement of street pavement.

Justification

The initial report from the 2015 bridge inspection included bulging and severe corrosion of the corrugated metal pipe culverts, damaged and undermined inlet and headwall, and cracked street pavement in this location. The Consultant will also be recommending the City post this structure with a 20-ton weight embargo due to its current condition. In addition, the existing storm sewer along Prentiss Street is undersized and has a history of surcharging during large rain events.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	125,000					125,000
CONSTRUCTION		875,000				875,000
INSPECTION		50,000				50,000
ADMINISTRATION		50,000				50,000
CONTINGENCY		100,000				100,000
Total	125,000	1,075,000				1,200,000

Funding Sources	2017	2018	2019	2020	2021	Total
FEDERAL GRANTS		820,000				820,000
ROAD USE TAX FUND	125,000	205,000				330,000
WATER FUND		50,000				50,000
Total	125,000	1,075,000				1,200,000

Budget Impact/Other

This project is replacing existing infrastructure and should reduce future maintenance costs. The estimated decrease in operating expenditures is less than \$10,000 per year.

Project #

S3936

Project Name

Melrose Avenue Improvements

Department

PUBLIC WORKS

Contact

Jason Havel

Type

One Phase

Useful Life

50 years

Category

Street Operations

Priority

Essential (2)

Status

Active

GRANTEE

STP

SCORE

55

MATCH %

20%

TIF DISTRICT

None

Description

Total Project Cost: \$4,000,000

This project will reconstruct Melrose Avenue/TWV Road from Highway 218 to Hebl Avenue, and is a joint project between the City of Iowa City and Johnson County.

Justification

Melrose Avenue/TWV Road is in poor condition and needs to be reconstructed to current design standards.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			200,000			200,000
LAND/ROW ACQUISITION			50,000			50,000
CONSTRUCTION				3,400,000		3,400,000
INSPECTION				150,000		150,000
CONTINGENCY				200,000		200,000
Total			250,000	3,750,000		4,000,000
Funding Sources	2017	2018	2019	2020	2021	Total
FEDERAL GRANTS				930,000		930,000
GO BONDS				1,470,000		1,470,000
OTHER LOCAL GOVERNMENTS				1,600,000		1,600,000
Total				4,000,000		4,000,000

Budget Impact/Other

This project is replacing existing infrastructure and should reduce future maintenance costs. The estimated decrease in operating expenditures is less than \$10,000 per year.

Project #**S3939**

Project Name**Dubuque Street Reconstruction**

GRANTEE

NONE

SCORE

61

MATCH %

NONE

TIF DISTRICT

City-University

Department

PUBLIC WORKS

Contact

Geoff Fruin

Type

One Phase

Useful Life

50 years

Category

Street Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$1,364,500

This project is part of the downtown streetscape master plan. This project reconstructs Dubuque Street from Washington to Iowa Avenue. The project also improves sidewalk pavement, addresses critical utility updates, and enhances the retail environment with streetscape components.

Justification

Dubuque Street is an important link in Downtown as is often the entry way for visitors into the area. The project will narrow the road creating a more pedestrian friendly environment and allowing for enhanced retail areas.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN					132,000	132,000
CONSTRUCTION					880,500	880,500
INSPECTION					132,000	132,000
CONTINGENCY					220,000	220,000
Total					1,364,500	1,364,500
Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					1,264,500	1,264,500
STORM WATER FUND					100,000	100,000
Total					1,364,500	1,364,500

Budget Impact/Other

This project should reduce operating expenditures due to the replacement of infrastructure in poor condition. The anticipated annual savings is less than \$10,000 per year.

Project #

S3942

Project Name

Governor Street Overlay

Department

PUBLIC WORKS

Contact

Dave Panos

Type

One Phase

Useful Life

20 years

Category

Street Operations

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

32

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$375,000

This project includes construction items to be completed as a part of the Iowa DOT's 2018 plan to resurface State Jurisdiction routes in Iowa City, including Governor Street from Dodge Street to Burlington and Burlington Street from Van Buren to Governor Street.

Justification

These streets are joint jurisdiction roadways, and the City is responsible for some of the repairs included in the project scope. Including these repairs as part of this project is both economical and efficient due to the scope of the DOT project.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION		375,000				375,000
Total		375,000				375,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		375,000				375,000
Total		375,000				375,000

Budget Impact/Other

Replacing aged infrastructure will lower the City's operating expenditures through decreased maintenance costs. The estimated decrease in operating expenses is less than \$10,000 per year.

Project #

S3943

Project Name

Riverside Drive Asphalt Overlay

Department

PUBLIC WORKS

Contact

Dave Panos

Type

One Phase

Useful Life

20 years

Category

Street Operations

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

32

MATCH %

NONE

TIF DISTRICT

Riverside Drive

Description

Total Project Cost: \$450,000

This project includes construction items to be completed as a part of the Iowa DOT's 2018 plan to resurface State Jurisdiction routes in Iowa City, including Hwy 6/Riverside Drive from Rocky Shore Drive to Hwy 1/Hwy 6.

Justification

These streets are joint jurisdiction roadways, and the City is responsible for some of the repairs included in the project scope. Including these repairs as part of this project is both economical and efficient due to the scope of the DOT project.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION		450,000				450,000
Total		450,000				450,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		450,000				450,000
Total		450,000				450,000

Budget Impact/Other

Replacing aged infrastructure will lower the City's operating expenditures through decreased maintenance costs. The estimated decrease in operating expenses is less than \$10,000 per year.

Project #**S3944**

Project Name**First Ave/Scott Blvd Intersection Improvements**

GRANTEE

NONE

SCORE

53

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Jason Havel

Type

One Phase

Useful Life

50 years

Category

Street Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$1,150,000

This project will make improvements to the First Avenue and Scott Boulevard intersection, including a proposed roundabout, to improve traffic movement through the intersection.

Justification

The current layout of the intersection includes four-way stop control. During peak hours, vehicles experience significant queuing, resulting in increased travel time, delay and emissions.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				125,000		125,000
LAND/ROW ACQUISITION				75,000		75,000
CONSTRUCTION					750,000	750,000
INSPECTION					50,000	50,000
ADMINISTRATION					50,000	50,000
CONTINGENCY					100,000	100,000
Total				200,000	950,000	1,150,000
Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS					1,150,000	1,150,000
Total					1,150,000	1,150,000

Budget Impact/Other

The proposed roundabout will require ongoing maintenance, especially for planted areas in the center. The net impact to the operating budget will be neutral.

Project #S3945

Project NameGilbert Street Intersection Improvements

GRANTEE

NONE

SCORE

57

MATCH %

NONE

TIF DISTRICT

City-University

Department

PUBLIC WORKS

Contact

Jason Havel

Type

One Phase

Useful Life

25 years

Category

Street Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$925,000

This project will upgrade traffic signals and curb ramps at the Gilbert Street/College Street and Gilbert Street/Washington Street intersections. The project will also replace existing roadway/pedestrian lighting along the east side of Gilbert Street between College Street and Wasington Street, and on both sides of Washington Street between Gilbert Street and Van Buren Street. In addition, the existing water main between College Street and Washington Street will be upgraded from a 6" main to a 12" main.

Justification

These instersections do not have ADA compliant curb ramps, and the traffic signals and roadway lighting are in need of replacement and/or upgrading.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	100,000					100,000
CONSTRUCTION		725,000				725,000
INSPECTION		25,000				25,000
ADMINISTRATION		25,000				25,000
CONTINGENCY		50,000				50,000
Total	100,000	825,000				925,000

Funding Sources	2017	2018	2019	2020	2021	Total
GO BONDS		750,000				750,000
WATER FUND		175,000				175,000
Total		925,000				925,000

Budget Impact/Other

Electric fees for signals and lighting, as well as any necessary maintenance of signal/lighting system. The project is replacing similar existing facilities, and maintenance is likely less than maintaining the current facilities. The overall impact on the operating budget is negligible.

Project #
Project Name

V3101
Annual Sewer Main Replacement

GRANTEE
MATCH %

NONE
NONE

SCORE
TIF DISTRICT

71
None

Department
Contact
Type
Useful Life
Category
Priority
Status

PUBLIC WORKS
Daniel Scott
Annual
50 years
Wastewater Treatment
Essential (2)
Active

Description

Total Project Cost: \$3,500,000

This project consists of annual sanitary sewer repairs and preventive maintenance throughout the sewer system.

Justification

This work is necessary to prevent sewer cave-ins and blockages that can cause sanitary sewer overflows and basement flooding.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
1,000,000	CONSTRUCTION	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
1,000,000	WASTEWATER FUND	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Budget Impact/Other

This project reduces expenditures through the replacement of aged infrastructure with new infrastructure. The anticipated savings are less than \$10,000 per year.

Project #

V3143

Project Name

Backup Generator & Electrical System Upgrade

Department

PUBLIC WORKS

Contact

Tim Wilkey

Type

One Phase

Useful Life

20 years

Category

Wastewater Treatment

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

39

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$3,543,000

This project upgrades the backup generator for peak time load interruption and the associated electrical distribution system. This upgrade also provides flood protection for the generator.

Justification

The existing generator at the South Wastewater Treatment Plant is not sized to run the entire plant during an emergency situation. This project upgrades the backup generator for peak time load interruption and the associated electrical distribution system. During the last flood event, considerable expense was incurred protecting the backup system. This project would construct permanent flood mitigation measures to protect the backup system against future flood events. The WWTP also recently suffered a phase failure of service from our energy provider, causing equipment failures/electrical problems. Existing generator/switch gear did not pick up phase failure event for several hours. This resulted in an approximate loss of \$30k for time and materials. The proposed generator/switch gear will prevent this from occurring.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
43,000	PLANNING/DESIGN		300,000				300,000
Total	CONSTRUCTION		3,000,000				3,000,000
	INSPECTION		50,000				50,000
	CONTINGENCY		150,000				150,000
	Total		3,500,000				3,500,000

Prior

3,543,000

Total

Budget Impact/Other

This will have a negligible impact on the operating budget.

Project #

V3145

Project Name

Scott Boulevard Trunk Sewer

Department

PUBLIC WORKS

Contact

Jason Havel

Type

One Phase

Useful Life

50 years

Category

Wastewater Treatment

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

30

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$2,025,000

This project will extend the Scott Boulevard Trunk Sewer from the north side of the Iowa Interstate Railroad at the Scott Six Industrial Park to the lift station currently serving the Windsor Ridge Subdivision.

Justification

In addition to residential development that has occurred in the area, the Iowa City Community School District has plans to build a new elementary school on the south side of American Legion Road. A new trunk sewer will be needed to accommodate continued growth in the area.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	175,000					175,000
LAND/ROW ACQUISITION	300,000					300,000
CONSTRUCTION		1,300,000				1,300,000
INSPECTION		100,000				100,000
CONTINGENCY		150,000				150,000
Total	475,000	1,550,000				2,025,000

Funding Sources	2017	2018	2019	2020	2021	Total
REVENUE BONDS		2,025,000				2,025,000
Total		2,025,000				2,025,000

Budget Impact/Other

The construction of additional sanitary sewer will result in additional future maintenance costs. The estimated impact on the operating budget is less than \$10,000.

Project #

V3146

Project Name

Melrose Court Sanitary Sewer Replacement

GRANTEE

NONE

SCORE

52

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Daniel Scott

Type

One Phase

Useful Life

50 years

Category

Wastewater Treatment

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$450,000

This project includes replacement of the sanitary sewer, street pavement and sidewalk along Melrose Court, from Melrose Avenue to Brookland Park Drive.

Justification

This sewer section has many problems and historically has high ongoing maintenance costs.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	30,000					30,000
CONSTRUCTION	300,000					300,000
INSPECTION	20,000					20,000
CONTINGENCY	100,000					100,000
Total	450,000					450,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
350,000	WASTEWATER FUND	100,000					100,000
Total	Total	100,000					100,000

Budget Impact/Other

This project will reduce operating expenditures due to the replacement of aging and problematic infrastructure. The estimated annual decrease in operating expenditures is less than \$10,000 per year.

Project #

V3147

Project Name

Nevada Ave Sanitary Sewer Replacement

GRANTEE

NONE

SCORE

52

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Daniel Scott

Type

One Phase

Useful Life

50 years

Category

Wastewater Treatment

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$350,000

This project includes removing and replacing the sanitary sewer along the back yards behind Nevada Avenue from Lakeside Drive to Whispering Meadow Drive.

Justification

This sewer section has many problems and historically has high ongoing maintenance costs.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		30,000				30,000
LAND/ROW ACQUISITION		30,000				30,000
CONSTRUCTION			200,000			200,000
INSPECTION			25,000			25,000
ADMINISTRATION			15,000			15,000
CONTINGENCY			50,000			50,000
Total		60,000	290,000			350,000
Funding Sources	2017	2018	2019	2020	2021	Total
WASTEWATER FUND		60,000	290,000			350,000
Total		60,000	290,000			350,000

Budget Impact/Other

This project will reduce operating expenditures due to the replacement of aging and problematic infrastructure. The estimated annual decrease in operating expenditures is less than \$10,000 per year.

Project # V3148

Project Name West Park Lift Station Rehabilitation

GRANTEE NONE

SCORE 63

MATCH % NONE

TIF DISTRICT None

Department PUBLIC WORKS

Contact Tim Wilkey

Type One Phase

Useful Life 20 years

Category Wastewater Treatment

Priority Essential (2)

Status Active

Description

Total Project Cost: \$105,500

Project includes replacing the existing lift station with a standalone wet well, submersible pumps, valve vault with control valves, new pump controls and panel, natural gas generator, equipment salvage and demolition of the existing dry well/wet well and other considerations to make this a fully functional lift station.

Justification

The lift station is a 60's era Smith and Loveless "can" drywell/wet well lift station with the pumps, and valves mounted inside a buried drywell accessed by climbing down a 20 foot man-way. Staff has to enter the drywell to perform maintenance work. The station is not considered a permit required confined space, but it is a confined space because there is only one means of entry. The station was completely inundated and not operational during the 2008 flood. The new station would include controls and generator above the 500 year flood plain.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			10,000			10,000
CONSTRUCTION			85,000			85,000
INSPECTION			1,000			1,000
ADMINISTRATION			1,000			1,000
CONTINGENCY			8,500			8,500
Total			105,500			105,500

Funding Sources	2017	2018	2019	2020	2021	Total
WASTEWATER FUND			105,500			105,500
Total			105,500			105,500

Budget Impact/Other

This project replaces old and outdated infrastructure which should reduce maintenance and operating costs. The estimate annual savings is less than \$10,000 per year.

Project #

V3149

Project Name

Heat Exchanger Replacement

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Tim Wilkey

Type

One Phase

Useful Life

30 Years

Category

Wastewater Treatment

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$279,000

Replace Heat Exchangers (HEX) 8501 and 8502 (Spiral) with a tube in tube style HEX, modify associated piping, and make changes to exisiting concrete structures to accommodate the new HEX. HEX 8502 will be replaced in 2018 and HEX 8501 will be replaced in 2019.

Justification

Heat exchanger (HEX) 8502 has suffered internal corrosion damage. HEX 8502 is 15 years old and is no longer working; repairing it would not be as cost effective as replacing it. Struvite formation in the HEX spirals was a contributor to the corrosion. An engineering study has identified a tube in tube HEX as a superior replacement. HEX 8501 is showing signs similar to those of HEX 8502 prior to its failure.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION		125,000	125,000			250,000
INSPECTION		1,000	1,000			2,000
ADMINISTRATION		1,000	1,000			2,000
CONTINGENCY		12,500	12,500			25,000
Total		139,500	139,500			279,000
Funding Sources	2017	2018	2019	2020	2021	Total
WASTEWATER FUND		139,500	139,500			279,000
Total		139,500	139,500			279,000

Budget Impact/Other

This project replaces old and outdated infrastructure which should reduce maintenance and operating costs. The estimate annual savings is less than \$10,000 per year.

Project # V3150

Project Name Digester Complex Rehabilitation

GRANTEE NONE

SCORE 63

MATCH % NONE

TIF DISTRICT None

Department PUBLIC WORKS

Contact Tim Wilkey

Type One Phase

Useful Life 20 years

Category Wastewater Treatment

Priority Critical (1)

Status Active

Description

Total Project Cost: \$1,122,000

Replace multiple heat exchangers that have severe internal corrosion from Struvite deposition, renovate seven (7) digester covers, install seven (7) wall thimbles (access ports) in the digester wall for inspection and cleaning, replace internal and external(buried) piping that is becoming clogged with Struvite, and replace recirculation pumps as required.

Justification

The digester complex has seven covers in various stages of wear, with one leaking struvite infused liquid between CIP PCC tank and the exterior brick facade causing it to face imminent collapse in the not so distant future. We have ten heat exchangers (HEX) that are 15+ year old. HEX 8502 has failed and is OOS with struvite shown as a contributing factor. Other HEX have shown struvite deposition and will require replacement upon failure. Multiple valves and pipes have shown struvite deposition and will require replacement upon failure.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				20,000		20,000
CONSTRUCTION				1,000,000		1,000,000
INSPECTION				1,000		1,000
ADMINISTRATION				1,000		1,000
CONTINGENCY				100,000		100,000
Total				1,122,000		1,122,000

Funding Sources	2017	2018	2019	2020	2021	Total
WASTEWATER FUND				1,122,000		1,122,000
Total				1,122,000		1,122,000

Budget Impact/Other

This project will reduce operating and maintenance cost through the rehabilitation of older equipment. The annual savings is less than \$10,000 per year.

Project #

W3212

Project Name

First Avenue (400-500 Block) Water Main Replace

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

70 years

Category

Water Operations

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$637,100

This project is a water main replacement project with respective street and sidewalk replacement. Approximately 1,100 feet of 6" cast iron (vintage 1955) will be replaced with 8" PVC and ductile iron water main. 60 ft of 16" cast iron (vintage 1962) will also be replaced. A significant amount of street repair will be included in this project.

Justification

The 6" water main broke on January 1, 2013 causing significant damage to the main thoroughfare.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN		60,000				60,000
CONSTRUCTION			380,000			380,000
INSPECTION			121,100			121,100
CONTINGENCY			76,000			76,000
Total		60,000	577,100			637,100

Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND		60,000	577,100			637,100
Total		60,000	577,100			637,100

Budget Impact/Other

This project reduces expenditures through the replacement of aged infrastructure with new infrastructure.

Project #

W3213

Project Name

Ground Storage Reservoir VFD Upgrades

GRANTEE

NONE

SCORE

48

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

Multi-Phase

Useful Life

15 years

Category

Water Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$326,175

Replacement of two Variable Frequency Drives at Sycamore GSR in 2015.
Replacement of two Variable Frequency Drives at Rochester GSR in 2016.
Replacement of two Variable Frequency Drives at Bloomington St. GSR in 2017.

Justification

The existing drives are at these GSR locations are 15-17 years old. it is recommended that these drives be replaced as they provide critical control and redundancy for specified water flow and pressure in the distribution system. Repair and maintenance issues have been increasing in recent years.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
204,275	PLANNING/DESIGN	18,000					18,000
	CONSTRUCTION	80,000					80,000
Total	INSPECTION	23,900					23,900
	Total	121,900					121,900

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
204,275	WATER FUND	121,900					121,900
Total	Total	121,900					121,900

Budget Impact/Other

This project should reduce expenditures due to the replacement of aged equipment with new equipment.

Project #

W3216

Project Name

Spruce St. (1300-1400 Block) Water Main Repl

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

70 years

Category

Water Operations

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$217,350

This project is a water main replacement project with respective street and sidewalk replacement. Approximately 875 feet of 6" cast iron (vintage 1955) will be replaced with 8" PVC and ductile iron pipe.

Justification

The water main has been subject to numerous water main breaks and has reach the end of it's useful life.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			20,000			20,000
CONSTRUCTION				130,000		130,000
INSPECTION				41,350		41,350
CONTINGENCY				26,000		26,000
Total			20,000	197,350		217,350
Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND			20,000	197,350		217,350
Total			20,000	197,350		217,350

Budget Impact/Other

This project will reduce expenditures due to the replacement of aged infrastructure with new infrastructure. The estimated impact on the annual budget is less than \$10,000.

Project #

W3221

Project Name

Nutrient Removal Project

GRANTEE

NONE

SCORE

36

MATCH %

50%

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

20 years

Category

Water Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$300,000

This project is the construction phase of an engineering study. This proejct is intended to remove nutrient contaminants from source water, specifically nitrates.

Justification

Dissolved ions, specifcally nitrates, are not able to be removed by currently installed water treatment processes. Therefore to meet Safe Drinking Water Act standards the source water must be diluted with a separate source that contains a lesser concentration of the offending ions. Current trends indicate an increase in nutrient ion concentration making dilution an increasingly unreliable method to achieve federal standards. A long term nutrient removal solution must be implemented.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				125,000		125,000
CONSTRUCTION				175,000		175,000
Total				300,000		300,000

Funding Sources	2017	2018	2019	2020	2021	Total
REVENUE BONDS				300,000		300,000
Total				300,000		300,000

Budget Impact/Other

An increase in energy and maintenance costs will be experienced when the nutrient removal system is being used. The estimated impact to the operating budget is \$25,000 to \$50,000 per year.

Project #

W3222

Project Name

Dill St. Water Main Replacement

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

70 years

Category

Water Operations

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$551,975

This is a water main replacement project with respective street and sidewalk replacement. Approximately 1200 feet of 6" cast-iron pipe (vintage 1928, 1939, and 1953) will be replaced with 6" PVC pipe on Dill Street between Black Spring Circle and part of Rider.

Justification

The existing water main has been subject to numerous water main breaks and has reached the end of its useful life. Improved valve placement will also decrease number of blocks/residences affected by future water main shutdowns.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	50,000					50,000
CONSTRUCTION		360,000				360,000
INSPECTION		67,475				67,475
ADMINISTRATION		2,500				2,500
CONTINGENCY		72,000				72,000
Total	50,000	501,975				551,975

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
50,000	WATER FUND		501,975				501,975
Total	Total		501,975				501,975

Budget Impact/Other

This project will reduce expenditures due to the replacement of aged infrastructure with new infrastructure. The estimated impact on the annual budget is less than \$10,000.

Project #	W3224
Project Name	Lee St/Highwood St Water Main Replacement

GRANTEE	NONE	SCORE	66
MATCH %	NONE	TIF DISTRICT	None

Department	PUBLIC WORKS
Contact	Kevin Slutts
Type	One Phase
Useful Life	70 years
Category	Water Operations
Priority	Critical (1)
Status	Active

Description	Total Project Cost: \$195,500
This is a water main replacement project with respective street and sidewalk replacement at Lee Street and Highwood Street. Approximately 550 feet of 6" cast-iron pipe (vintage 1951) will be replaced with 6" PVC pipe. Approximately 300 feet of PVC will be installed where no pipe has existed previously.	

Justification
The existing water main has been subject to numerous water main breaks and has reached the end of its useful life. The new water main run will complete a water main loop in the area that was never completed, thereby improving water supply in the immediate neighborhood.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			20,000			20,000
CONSTRUCTION			140,000			140,000
INSPECTION			25,500			25,500
CONTINGENCY			10,000			10,000
Total			195,500			195,500

Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND			195,500			195,500
Total			195,500			195,500

Budget Impact/Other
This project will reduce expenditures due to the replacement of aged infrastructure with new infrastructure. The estimated impact on the annual budget is \$10,000 to \$25,000 per year in lower maintenance and repair costs.

Project #

W3226

Project Name

Water Plant & Storage Reservoir SCADA Replacement

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

Multi-Phase

Useful Life

15 years

Category

Water Operations

Priority

Essential (2)

Status

Active

GRANTEE

NONE

SCORE

52

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$324,500

Justification

Prior	Expenditures	2017	2018	2019	2020	2021	Total
163,900	CONSTRUCTION	50,000	100,000				150,000
	CONTINGENCY	5,000	5,600				10,600
Total	Total	55,000	105,600				160,600

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
163,900	WATER FUND	55,000	105,600				160,600
Total	Total	55,000	105,600				160,600

Budget Impact/Other

Project #

W3300

Project Name

Bradford Drive Water Main Replacement

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

70 years

Category

Water Operations

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$306,000

This is a water main replacement project with respective street and sidewalk replacement. Approximately 550 feet of 6-inch cast-iron pipe (vintage 1956) will be replaced with 1250 feet of 8-inch PVC.

Justification

The existing water main has been subject to numerous water main breaks and has reached the end of its useful life. This project would also make the distribution system more robust by adding an additional looped feed to the system. This water main feeds Southeast Junior High School, and ranks in the top ten of the water main replacement matrix.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			40,000			40,000
CONSTRUCTION				266,000		266,000
Total			40,000	266,000		306,000

Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND			40,000	266,000		306,000
Total			40,000	266,000		306,000

Budget Impact/Other

This water main replacement project will reduce operations and maintenance cost associated with emergency/after hours repairs. The estimated decrease in operating expenditures is less than \$10,000 per year.

Project #

W3301

Project Name

Water Distribution Pressure Zone Improvements

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

20 years

Category

Water Operations

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

57

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$500,000

This project is to look at short- and long-term actions to improve water system pressures on the westerly and easterly reaches of the city corporate boundary.

Justification

Areas on the far east and west reaches of the water distribution system are relatively high in elevation and engineering calculations for developments (both proposed and installed) in the areas show water pressures are expected to approach the minimum of the desired range. Follow-up actual system pressure recordings for the areas have been in line with calculations.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	20,000					20,000
CONSTRUCTION	450,000					450,000
ADMINISTRATION	10,000					10,000
CONTINGENCY	20,000					20,000
Total	500,000					500,000

Funding Sources	2017	2018	2019	2020	2021	Total
REVENUE BONDS	500,000					500,000
Total	500,000					500,000

Budget Impact/Other

Pressure zoning will result in additional expentures for installation, operation, and maintenance of new infrastructure. There are expected to be a number of resulting project sizes from this assessment ranging in cost from thousands to multi-million. Additional expenditures for operation and maintenance are estimated between \$10,000 and \$20,000 per year.

Project #

W3303

Project Name

Sixth Avenue Water Main Replacement

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

70 years

Category

Water Operations

Priority

Critical (1)

Status

Active

GRANTEE

NONE

SCORE

66

MATCH %

NONE

TIF DISTRICT

None

Description

Total Project Cost: \$315,000

This is a water main replacement project with respective street and sidewalk replacement. Approximately 650 feet of 6-inch cast-iron pipe (vintage 1974) will be replaced with 8" PVC.

Justification

The existing water main has been subject to numerous water main breaks and has reached the end of its useful life. This projects also includes completing two new creek crossings to improve overall system network for the area. Ranks in the top ten of the water main replacement matrix.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			40,000			40,000
CONSTRUCTION				220,000		220,000
INSPECTION				5,000		5,000
ADMINISTRATION				5,000		5,000
CONTINGENCY				45,000		45,000
Total			40,000	275,000		315,000
Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND			40,000	275,000		315,000
Total			40,000	275,000		315,000

Budget Impact/Other

This water main replacement project will reduce operations and maintenance cost associated with emergency/after hours repairs. The estimated decrease in operating expenditures is less than \$10,000 per year.

Project #

W3304

Project Name

Water Plant Softener Improvements

GRANTEE

NONE

SCORE

20

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

Multi-Phase

Useful Life

20 years

Category

Water Operations

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$75,000

Automate manual operating procedures, motorize concentrator adjustment and mortorized valve adjustor for the small influent valve.

Justification

Improved process control and safety. In the past operators have injured their backs adjusting these valve settings on the softeners. By placing motorized operators on these valves we avoid injury and provide for better operational control of the process.

Expenditures	2017	2018	2019	2020	2021	Total
OTHER		25,000	25,000	25,000		75,000
Total		25,000	25,000	25,000		75,000

Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND		25,000	25,000	25,000		75,000
Total		25,000	25,000	25,000		75,000

Budget Impact/Other

This project will generate nominal maintenance costs for parts and troubleshooting. These costs are likely to be offset by safer and more ergonomic operations of softener control valves. The net impact on the operating budget is negligible.

Project #

W3305

Project Name

Jordan Well Rehabilitation

GRANTEE

NONE

SCORE

57

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

10 years

Category

Water Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$80,000

Remove and reinstall, or repair the one Jordan well.

Justification

The Jordan well is a primary source of low nitrate groundwater used seasonally to dilute river source water to maintain finished water below the Safe Drinking Water Act nitrate standard. The need to recondition the Jordan well is due to capacity reduction overtime and the continued usefulness as a low nitrate dilution water source.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION				80,000		80,000
Total				80,000		80,000

Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND				80,000		80,000
Total				80,000		80,000

Budget Impact/Other

The impact on the operating budget is negligible.

Project #

W3306

Project Name

S. Capitol Street Water Main Replacement

GRANTEE

NONE

SCORE

52

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

75 years

Category

Water Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$1,135,000

Replace approximately 750 feet of existing 12-inch cast iron water main (1968 vintage) along S Capitol St with new 12-inch ductile iron pipe. Project area includes the 700 and 800 blocks of S Capitol St (railroad bridge to E Benton St).

Justification

Large blowouts along this section of water main have caused significant disruption to the water distribution system as a whole, as this line feeds into both the east and west side of the distribution system. The water main breaks on this pipe have also caused signifcant damage to other infrastructure in the area.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				80,000		80,000
CONSTRUCTION					750,000	750,000
INSPECTION					80,000	80,000
ADMINISTRATION					112,500	112,500
CONTINGENCY					112,500	112,500
Total				80,000	1,055,000	1,135,000

Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND				80,000	1,055,000	1,135,000
Total				80,000	1,055,000	1,135,000

Budget Impact/Other

This project will reduce expenditures due to the replacement of aged infrastructure with new infrastructure. The estimated impact on the annual budget is less than \$10,000.

Project #**W3307**

Project Name**Deforest Ave Water Main Replacement**

GRANTEE

NONE

SCORE

48

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

75 years

Category

Water Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$350,000

Approximately 500 feet of 6-inch cast-iron pipe (vintage 1958) will be replaced with 500 feet of 8-inch PVC on the 900 block of Deforest Avenue.

Justification

The existing water main has been subject to numerous water main breaks and has reached the end of its useful life. This project would also improve the water distribution system valving in the area, and ranks in the top fifteen of the water main replacement matrix.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				40,000		40,000
CONSTRUCTION					200,000	200,000
INSPECTION					50,000	50,000
ADMINISTRATION					30,000	30,000
CONTINGENCY					30,000	30,000
Total				40,000	310,000	350,000
Funding Sources	2017	2018	2019	2020	2021	Total
WATER FUND				40,000	310,000	350,000
Total				40,000	310,000	350,000

Budget Impact/Other

This project will reduce expenditures due to the replacement of aged infrastructure with new infrastructure. The estimated impact on the annual budget is less than \$10,000.

Project #

W3310

Project Name

Water Plant Roof Replacement

GRANTEE

NONE

SCORE

39

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

20 years

Category

Water Operations

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$400,000

Replace roof membrane on all levels of the Water Treatment Plant. Repair and regrade drainage levels. Repair along parapet walls due to water damage over time.

Justification

The existing roof membrane has a lifespan of 10 years due to wear by UV degradation and the seasonal stresses. The current membrane has been in service 13 years. The insulation substructure has also broken down in some areas and created large depressions. The combination of a degraded membrane and substructure has caused multiple damaging leaks within the facility. Further the membrane shrinkage is causing damage along the parapet wall by administrative offices.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION	400,000					400,000
Total	400,000					400,000

Funding Sources	2017	2018	2019	2020	2021	Total
REVENUE BONDS	400,000					400,000
Total	400,000					400,000

Budget Impact/Other

There is a possible reduction in operating budget due to the lack of need for emergency services. The estimated annual savings is less than \$10,000 per year.

Project #

W3311

Project Name

Collector Well Capacity Improvements

GRANTEE

NONE

SCORE

25

MATCH %

NONE

TIF DISTRICT

None

Department

PUBLIC WORKS

Contact

Kevin Slutts

Type

One Phase

Useful Life

20 years

Category

Water Operations

Priority

Efficiency Improvement (3)

Status

Active

Description

Total Project Cost: \$700,000

Initially study existing alluvial raw water facilities to generate a plan to develop or redevelop new or existing sources. The study would be followed by the execution of the recommended solution for additional raw water capacity.

Justification

Currently the two collector wells on the north plant site (#1 & 2) produce an average of about 1.0 to 1.5 million gallons of raw water daily. The remainder, about 4.0 to 4.5 million gallons a day, of the raw water from alluvial collector wells is generated at the south peninsula site. These two sites are powered from different sources and the peninsula wells are a single point failure should an extended loss of power occur. Further municipal growth will drive the need to be able to produce more raw water for treatment from these wells.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN			50,000			50,000
CONSTRUCTION			50,000	600,000		650,000
Total			100,000	600,000		700,000

Funding Sources	2017	2018	2019	2020	2021	Total
REVENUE BONDS				700,000		700,000
Total				700,000		700,000

Budget Impact/Other

This project will create additional costs to operate and maintain additional wells and water main. The additional operating costs from this project are estimated to be \$10,000 to \$25,000 per year.

Project #	L3329	Department	TRANSPORTATION & RESO
Project Name	Landfill Tarp Development System	Contact	Chris O'Brien
GRANTEE	NONE	Type	One Phase
SCORE	39	Useful Life	10 years
MATCH %	NONE	Category	Landfill
TIF DISTRICT	None	Priority	Efficiency Improvement (3)
		Status	Active

Description	Total Project Cost: \$90,000
This would allow us to purchase tarp deployment equipment that could be used for daily cover at the landfill. This would coincide with a change in our filling mechanism to a flat fill method.	

Justification
The flat fill method for landfill operations is relatively new to the area but has shown a very high increase in compaction for landfills that have moved to this method. This would extend the life of the landfill cells, which in turn will delay the need for construction.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION	90,000					90,000
Total	90,000					90,000
Funding Sources	2017	2018	2019	2020	2021	Total
LANDFILL FUND	90,000					90,000
Total	90,000					90,000

Budget Impact/Other
This change in cover method would take additional staff time, however, it would lower long-term capital expenditures. The estimated increase in operating expenditures is less than \$25,000.

Project #	L3330	Department	TRANSPORTATION & RESO
Project Name	Landfill Leachate Pumping System	Contact	Chris O'Brien
GRANTEE	NONE	Type	Multi-Phase
SCORE	42	Useful Life	15 years
MATCH %	NONE	Category	Landfill
TIF DISTRICT	None	Priority	Essential (2)
		Status	Active

Description	Total Project Cost: \$440,000
This project would involve the design and installation of infrastructure to implement an air pumping system to assist in managing the leachate levels at the landfill.	

Justification
Through ongoing evaluation of the landfill site, many of our existing gas wells have liquid levels that are close to or exceed the screen in the wells which limits or prevents gas to be able to be pulled from those wells. In addition, with the new leachate conveyance upgrades completed in the 2016 Gas Expansion Project, this system would assist in allowing us to better control leachate throughout the entire site.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN	40,000					40,000
CONSTRUCTION	200,000	100,000	100,000			400,000
Total	240,000	100,000	100,000			440,000
Funding Sources	2017	2018	2019	2020	2021	Total
LANDFILL FUND	240,000	100,000	100,000			440,000
Total	240,000	100,000	100,000			440,000

Budget Impact/Other
This project would increase operating expenditures through additional maintenance and repair of new equipment. The estimated increase in operating expenditures is less than \$10,000 per year.

Project #

L3331

Project Name

Landfill Cell Design and Construction

GRANTEE

NONE

SCORE

65

MATCH %

NONE

TIF DISTRICT

None

Department

TRANSPORTATION & RESO

Contact

Chris O'Brien

Type

One Phase

Useful Life

10 years

Category

Landfill

Priority

Critical (1)

Status

Active

Description

Total Project Cost: \$1,475,000

Justification

With only three years of life in the current cell, we need to begin the design process so that we are ready to construct the next cell. The next cell is anticipated to be an extension north from the current cell location.

Expenditures	2017	2018	2019	2020	2021	Total
PLANNING/DESIGN				100,000		100,000
CONSTRUCTION					1,375,000	1,375,000
Total				100,000	1,375,000	1,475,000

Funding Sources	2017	2018	2019	2020	2021	Total
LANDFILL FUND				100,000	1,375,000	1,475,000
Total				100,000	1,375,000	1,475,000

Budget Impact/Other

This project would have a negligible impact on the operating budget.

Project #

T3004

Project Name

Parking Facility Restoration Repair

GRANTEE

NONE

SCORE

47

MATCH %

NONE

TIF DISTRICT

None

Department

TRANSPORTATION & RESO

Contact

Chris O'Brien

Type

Annual

Useful Life

20 years

Category

Parking Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$3,123,000

Justification

This annual project includes concrete restoration, application of concrete sealants, repair of control and expansion joints in addition to other parking facility specific repairs and upgrades. Additional work is being added to the 2017 project to repair the stair towers at the Chauncey Swan Facility, replace aging light poles on top decks of facilities to incorporate LED lighting and to resurface the Burlington Street parking lot.

Justification

A thorough facility condition evaluation was conducted by THP on all five of our existing facilities. This included a five year maintenance plan for scheduling the repairs. The majority of the work is to remove and restore concrete and structural steel in the deck flooring. A large portion of the restoration work will be conducted by in-house staff. This will be discussed with the engineering firm to outline scope of work.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
1,248,000	CONSTRUCTION	575,000	400,000	300,000	300,000	300,000	1,875,000
Total	Total	575,000	400,000	300,000	300,000	300,000	1,875,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
1,248,000	PARKING FUND	575,000	400,000	300,000	300,000	300,000	1,875,000
Total	Total	575,000	400,000	300,000	300,000	300,000	1,875,000

Budget Impact/Other

There should be a reduction in operating expenditures through the replacement of older infrastructure and through the addition of LED lighting. The estimated decrease in operating expenditures is less than \$10,000 per year.

Project #	T3009	Department	TRANSPORTATION & RESO
Project Name	Parking Facility & Enforcement Automation	Contact	Chris O'Brien
GRANTEE	NONE	Type	Multi-Phase
SCORE	41	Useful Life	15 years
MATCH %	NONE	Category	Parking Operations
TIF DISTRICT	None	Priority	Efficiency Improvement (3)
		Status	Active

Description	Total Project Cost: \$1,192,500
This project involves the automation of operations in the parking decks, parking enforcement and the upgrade of parking meters on street. Additional access and revenue control equipment will be installed in the parking decks.	

Justification
Four of the five parking facilities have had automation equipment installed and with the pending development of the College and Gilbert location, Chauncey Swan may need upgraded as well. 2017 is being adjusted in order to account for the equipment being installed in the newly constructed Harrison Street Parking facility. In addition, funds have been added to outfit another vehicle with license plate recognition equipment.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
982,500	CONSTRUCTION	150,000	60,000				210,000
Total	Total	150,000	60,000				210,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
982,500	PARKING FUND	150,000	60,000				210,000
Total	Total	150,000	60,000				210,000

Budget Impact/Other
No additional positions will be required for these purchases. There will be an additional operating and maintenance cost of roughly \$5,000 annually for software subscription services.

Project #	T3018	Department	TRANSPORTATION & RESO
Project Name	Parking Equipment EMV Upgrade	Contact	Chris O'Brien
GRANTEE	NONE	Type	One Phase
SCORE	53	Useful Life	10 years
MATCH %	NONE	Category	Parking Operations
TIF DISTRICT	None	Priority	Essential (2)
		Status	Active

Description	Total Project Cost: \$75,000
This project will involve the upgrade of existing parking revenue control equipment to be able to accept credit cards with EMV chips.	

Justification
Security measures to protect credit card users continues to be more wide spread and is now becoming available for parking equipment. We foresee having to incorporate this upgrade to our existing system.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION		75,000				75,000
Total		75,000				75,000
Funding Sources	2017	2018	2019	2020	2021	Total
PARKING FUND		60,000				60,000
TRANSIT FUND		15,000				15,000
Total		75,000				75,000

Budget Impact/Other
The impact on the operating budget is negligible.

Project #

T3055

Project Name

Transit/Equipment Facility Relocation

GRANTEE

FTA

SCORE

73

MATCH %

20%

TIF DISTRICT

None

Department

TRANSPORTATION & RESO

Contact

Chris O'Brien

Type

One Phase

Useful Life

40 Years

Category

Transit Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$18,000,000

This project involves the construction of a new transit and equipment facility for maintenance operations and storage. As part of this project, the storage area will be expanded allowing for an increase in fleet size and the maintenance facility will be upgraded. The relocation will address the environmental issues that exist at the current facility sites and allow for the redevelopment of a major commercial site at the corner of Highway 6 and Riverside Drive.

Justification

These facilities have outlived their useful life and are in need of replacement. The facilities have structural issues from the surrounding area, and a new facility will improve the delivery of service. The two facilities would be consolidated into one to create better utilization of space and would be more cost effective. A FTA grant is being sought to assist in the construction.

Expenditures	2017	2018	2019	2020	2021	Total
CONSTRUCTION					18,000,000	18,000,000
Total					18,000,000	18,000,000

Funding Sources	2017	2018	2019	2020	2021	Total
EQUIPMENT FUND					3,000,000	3,000,000
FEDERAL GRANTS					12,000,000	12,000,000
TRANSIT FUND					3,000,000	3,000,000
Total					18,000,000	18,000,000

Budget Impact/Other

The replacement of transit and equipment facilities should be to newer and more energy efficient facilities, however, the new facilities will be larger and contain more operational functionality. The additional size and capability of the facility will most likely offset the potential savings from the newer facility. Additional savings/cost from this facility has not been determined.

Project #

T3059

Project Name

Transit Bus Shelter Replacement & Expansion

GRANTEE

NONE

SCORE

44

MATCH %

NONE

TIF DISTRICT

None

Department

TRANSPORTATION & RESO

Contact

Chris O'Brien

Type

Multi-Phase

Useful Life

10 years

Category

Transit Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$150,000

This project will allow for the purchase of bus shelters to replace shelters in need of extensive repair as well as allow for new bus shelter installations.

Justification

Many of the existing bus shelters have exceeded their useful life and are in need of replacement. In additon, we have received multiple requests for the installation of bus shelters in high ridership areas.

Prior

Expenditures

2017

2018

2019

2020

2021

Total

100,000

OTHER

50,000

50,000

Total

Total

50,000

50,000

Prior

Funding Sources

2017

2018

2019

2020

2021

Total

100,000

TRANSIT FUND

50,000

50,000

Total

Total

50,000

50,000

Budget Impact/Other

There will be no additional staff needed for this purchase and no additional costs will be incurred in our operating budget.

Project #

T3061

Project Name

Transit Facility Office Remodel

GRANTEE

NONE

SCORE

32

MATCH %

NONE

TIF DISTRICT

None

Department

TRANSPORTATION & RESO

Contact

Chris O'Brien

Type

One Phase

Useful Life

20 years

Category

Transit Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$40,000

This project involves the repalcemnt of paint, carpet and furniture in the office areas of the transit facility.

Justification

Transit lobby area, supervisor offices, shop offices are in need of upgrade of the paint, floor coverings and furniture.

Expenditures

2017

2018

2019

2020

2021

Total

CONSTRUCTION

40,000

40,000

Total

Total

40,000

40,000

Funding Sources

2017

2018

2019

2020

2021

Total

TRANSIT FUND

40,000

40,000

Total

Total

40,000

40,000

Budget Impact/Other

The impact on the operating budget is negligible.

Project #

T3062

Project Name

Transit Bus Sign Replacement

GRANTEE

NONE

SCORE

50

MATCH %

NONE

TIF DISTRICT

None

Department

TRANSPORTATION & RESO

Contact

Chris O'Brien

Type

One Phase

Useful Life

10 years

Category

Transit Operations

Priority

Essential (2)

Status

Active

Description

Total Project Cost: \$95,000

This project involves the replacement of the existing front, side, and rear external displays of the transit fleet.

Justification

The existing system is obsolete and no longer supported. Replacement parts and repairs are becoming difficult to locate and complete.

Expenditures	2017	2018	2019	2020	2021	Total
EQUIPMENT	95,000					95,000
Total	95,000					95,000

Funding Sources	2017	2018	2019	2020	2021	Total
TRANSIT FUND	95,000					95,000
Total	95,000					95,000

Budget Impact/Other

This project should reduce operating expenditures by replacing outdated equipment with new equipment. The estimated reduction in operating expenditures is less than \$10,000.

City of Iowa City
Capital Improvement Program
Unfunded Projects

	Project Name	Description	Unfunded Amt
1 - Bridges			
1	BURLINGTON ST BRIDGE-SOUTH	This project is a replacement of the Burlington Bridge over the Iowa River that will also increase the number of lanes.	\$16,000,000
2	F STREET BRIDGE	This project involves the removal and replacement of the existing corrugated metal arch bridge with a larger bridge.	\$773,000
3	FOURTH AVENUE BRIDGE	This project will replace the bridge over the South Branch of Ralston Creek at Fourth Avenue and will include sidewalks. Possibility of approximately \$75,000 state funding.	\$773,000
4	SECOND AVENUE BRIDGE	This project will replace the bridge over Ralston Creek at Second Avenue and will include sidewalks.	\$773,000
5	SIXTH AVENUE BRIDGE	This project involves the removal and replacement of the existing twin box culvert with a larger bridge.	\$773,000
6	THIRD AVENUE BRIDGE	This project will replace the bridge over the South Branch of Ralston Creek at Third Avenue.	\$773,000
2 - Streets			
7	BENTON STREET - ORCHARD TO OAKNOLL	This is a capacity related improvement identified by the Arterial Street Plan.	\$5,150,000
8	DODGE ST - GOVERNOR TO BOWERY	Street reconstruction and storm sewer improvements. This is a joint project with the IDOT.	\$10,712,000
9	DUBUQUE RD PAVING - BRISTOL TO DODGE	Reconstruct and upgrade to urban cross sections.	\$1,339,000
10	DUBUQUE STREET ACCESS ROAD AND TRAFFIC SIGNAL	This project will result in the construction of an access drive from the north end of Laura Drive to Dubuque Street, south of the Interstate 80 / Dubuque St interchange. A traffic signal will be installed at this new access, and the traffic signal will be coordinated with the I-80 interchange signals. May also facilitate a second means of access from the Peninsula area to Dubuque St.	\$2,000,000
11	EMERALD STREET DIAMOND GRINDING	This project will diamond grind all of Emerald Street to remove the slab warping that interferes with the use of this street by fire trucks.	\$212,000
12	GILBERT / US 6 INTERSECTION LEFT TURN	Reconstruct the intersection of Gilbert & US 6 to include dual left turn lanes on Gilbert St.	\$4,840,000
13	GILBERT ST IAIS UNDERPASS	This project relocates the sidewalks of the Gilbert St. underpass at the IAIS Railroad. The sidewalks are moved further from the street and existing erosion problems are addressed.	\$327,000
14	OLD HWY 218 STREETSCAPE	Streetscape improvements on Old Hwy 218 entrance - Sturgis Ferry Park to US Hwy 6. This project includes landscaping, lighting and sidewalk improvements. The project should be coordinated with Sturgis Ferry Park upgrade and /or Riverside Drive Redevelopment project.	\$812,000
15	HIGHWAY 965 EXTENSION	This project will be initial phase of constructing Hwy 965 extended from the south side of Hwy 218 to Melrose Avenue to arterial standards.	\$9,167,000
16	MCCOLLISTER - SYCAMORE ST TO SCOTT BLVD	Extend proposed McCollister Boulevard from Sycamore Street to Scott Boulevard.	\$9,088,000
17	NORTH GILBERT ST PAVING	This project will reconstruct the 900 block of North Gilbert Street to improve the pavement form a chip seal to concrete pavement with curbs, gutters, and sidewalks.	\$743,000
18	OAKDALE BLVD	This project would construct an extension north across I-80 to a new intersection with Iowa Hwy 1.	\$15,000,000

City of Iowa City
Capital Improvement Program
Unfunded Projects

	Project Name	Description	Unfunded Amt
19	OAKDALE BLVD-HWY 1 TO PRAIRIE DU CHIEN RD	This project would construct Oakdale Blvd from Hwy 1, west to Prairie Du Chien Road.	\$8,240,000
20	PENINSULA SECONDARY ACCESS ROAD	This project will establish a more reliable access to the Peninsula neighborhood by either elevating Foster Rd from Laura Dr to No Name road by creating a secondary access to the area. This project will not be necessary if the Taft Speedway Levee Project is constructed.	\$2,883,000
21	FOSTER ROAD EXTENSION - DUBUQUE TO PRAIRIE DU CHIEN	This project will pave a portion of Foster Road east of Dubuque Street and extend the sanitary sewer.	\$2,700,000
22	RIVERSIDE DRIVE STREETScape	Phases II to V of the South Riverside Drive Streetscape Master Plan, which includes improvements to the west side of Riverside Drive from Benton to Hwy 6 and the east side of Riverside from Myrtle to Hwy 6. Project includes consolidation of driveways, undergrounding of utilities, and installation of sidewalks and landscaping.	\$2,650,000
23	ROHRET RD IMPROVEMENTS- LAKESHORE TO LIMITS	Project will reconstruct Rohret Rd to urban standards.	\$1,813,000
24	S GILBERT ST IMPROVEMENTS	Reconstruction from Benton Street to Stevens Drive. This project does not include improvements to the Gilbert St. / Highway 6 intersection.	\$4,326,000
25	SOUTH ARTERIAL AND BRIDGE, US218 TO GILBERT STREET	Construction of a south arterial street and bridge over the Iowa River, connecting from Old Hwy 218/US 218 interchange on the west side of the Iowa River to Gilbert Street/Sycamore 'L' intersection .	\$15,987,000
26	SYCAMORE-HWY 6 TO HIGHLAND	This project involves additional lanes to improve capacity and storm sewer improvements.	\$750,000
27	SYCAMORE STREET - EAST-WEST LEG FROM "L" TO SOUTH GILBERT	This project will reconstruct Sycamore Street to arterial standards using the Complete Streets Policy. This phase will be the east-west leg of Sycamore Street.	\$3,040,000
28	TAFT AVENUE	Reconstruct Herbert Hoover Hwy to 420th Street.	\$17,399,000
29	LAURA DRIVE RECONSTRUCTION	Reconstruction of entire length of Laura Drive to standard two lane width with curb, storm sewer and sidewalk.	\$2,000,000
30	LINN STREET RECONSTRUCTION, BURLINGTON TO IOWA	This project is part of the downtown streetscape master plan. This project reconstructs Linn Street from Burlington Street to Iowa Avenue. Project also improves sidewalk pavement, addresses critical update to water main, replaces and relocates storm sewer between Washington & Iowa.	\$1,935,000
31	CLINTON STREET STREETScape	Improve Clinton Street Streetscape south of Burlington Street consistent with the Riverfront Crossings Plan. Minor pavement improvements and lane striping a part of project.	\$1,500,000
32	FAIRCHILD BRICK STREET RECONSTRUCTION	This project will reconstruct multiple blocks of brick street on Davenport Street and will include complete removal of the existing pavement, salvage of existing bricks, and construction of new a 7 inch concrete pavement base with asphalt setting bed and brick surface.	\$325,000
33	INTERSTATE 80 AESTHETIC IMPROVEMENTS	Landscaping and aesthetic treatments in the Interstate 80 corridor. The objective of this project is to mitigate the visual impact of the addition of a third lane to I-80 and to provide cohesive and pleasing feel to the Iowa City corridor.	\$300,000
34	TOWNCREST DRIVE RECONSTRUCTION	A private street that the property owners would dedicate the right of way to the City, and the City will reconstruct. Parking along and adjacent to the right of way will be reconfigured to better facilitate vehicle movement and pedestrian safety.	\$600,000

City of Iowa City
Capital Improvement Program
Unfunded Projects

Project Name		Description	Unfunded Amt
3 - Transportation Services			
35	ROCK ISLAND RAILROAD DEPOT RESTORATION	Preparation of Old Rock Island Railroad Depot for Amtrak service, including platform construction, lighting, utilities, passenger information display, ticketing kiosks, canopy, warming shelter, signage, parking, and accessibility improvements.	\$5,381,000
4 - Ped & Bike Trails			
39	OLD HIGHWAY 218 TRAIL/WIDE SIDEWALK	This project will construct an 8' wide sidewalk adjacent to Old Highway 218 between Sturgis Ferry Park and McCollister Boulevard.	\$550,000
40	HWY 6 TRAIL -BROADWAY TO SYCAMORE	Extend existing trail along Hwy 6 between Broadway to Sycamore Streets.	\$2,588,000
41	WILLOW CREEK TRAIL - PHASE III	Construct a trail from Willow Creek Drive, under Highway One, around perimeter of airport, to connect with Iowa River Corridor (IRC) Trail.	\$870,000
42	WILLOW CREEK TRAIL-WEST	Connect Willow Creek Trail from its current west terminus via a tunnel under Highway 218, to connect with the trail in Hunters Run Park and further west.	\$2,814,000
43	IOWA RIVER TRAIL, HIGHWAY 6 TO STURGIS PARK	This project will extend the Iowa River Trail from Highway 6 to Sturgis Park on the west side of the Iowa River.	\$750,000
5 - Wastewater			
44	NORTH BRANCH DAM TRUNK SEWER	This project extends easterly along Ralston Creek from the North Branch Dam to Scott Boulevard.	\$3,860,000
45	NORTHEAST TRUNK SEWER	Reconstruction of an under-sized sewer through the northeast neighborhoods.	\$5,221,000
46	PHOSPHORUOUS REMOVAL PROJECT	Install equipment at South Wastewater Treatment Plant that would help remove phosphorous from the waste streams prior to anaerobic digestion.	\$4,550,000
47	ROHRET SOUTH SEWER	This project would extend the 30" sanitary sewer along Abbey Lane from Burry Drive to the west side of Highway 218. This project will allow development within the watershed west of Highway 218.	\$2,000,000
6 - Water			
48	WEST SIDE GROUND STORAGE RESERVOIR	Construction of a one million gallon buried potable water storage reservoir including pumping facilities. Land acquisition is complete.	\$1,545,000
49	WELL COMMUNICATIONS FIBER OPTIC CABLE	Install fiber optic cable for well house communications and SCADA telemetry.	\$1,000,000
50	MELROSE - LANDFILL WATER MAIN EXTENSION	This project is a water main extension project needed to serve the recycling - energy project at the Iowa City Landfill. Approximately 8,500 feet of water main (400 ft 12" ductile iron and 8,000 feet of 8" PVC).	\$1,400,000
51	WATER TREATMENT PLANT FILTER #6 BUILDOUT	Build out of filter #6 with internals including under drains, gravel, air grid piping, sand media, granular activated carbon (GAC) media, and backwash troughs.	\$241,600
52	WELL FIELD ELECTRICAL CABLE REPLACEMENT	Replace aging medium voltage cable in both the plant site and the peninsula well fields.	\$175,000
52	GIBLIN DRIVE WATER MAIN REPLACEMENT	This is a water main replacement project with respective street and sidewalk replacement. Approximately 620 feet of 6-inch cast-iron pipe (vintage 1953) will be replaced with 8" PVC.	\$246,350

City of Iowa City
Capital Improvement Program
Unfunded Projects

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7 - Storm water			
53	CARSON LAKE REGIONAL STORMWATER	Construction of a regional storm water management facility on the middle branch of Willow Creek immediately west of Highway 218. This facility will serve development west of Highway 218 and south of Rohret Road. Rohret South Sewer project is a prerequisite.	\$1,160,000
54	IOWA AVENUE CULVERT REPAIRS	This project will repair a box culvert that carries Ralston Creek under Iowa Avenue.	\$348,000
55	N BRANCH BASIN EXCAVATION	Aerial mapping done for the update to the flood plain maps revealed that sedimentation has consumed a portion of the capacity of the facility. This basin is located in Hickory Hill Park.	\$135,000
56	OLYMPIC COURT STORMWATER	Storm sewer retrofit to relieve localized flooding from storm water runoff.	\$464,000
57	SUNSET ST STORM SEWER	The area just north and south of Kineton Green, east of Sunset, has experienced back yard flooding and drainage problems.	\$440,000
58	RIVERSIDE DR. & ARTS CAMPUS STORM SEWER	This will be a joint project with the University of Iowa to upgrade the Riverside Drive / Arts Campus storm sewer and lift station to perform better during future floods.	\$1,000,000
8 - Parks & Recreation			
59	RECREATION / AQUATIC CENTER	As recommended in the Parks and Recreation Master Plan, construct a major new Recreation & Aquatic Center, probably in the western part of Iowa City.	\$16,000,000
60	WATERWORKS PARK BOAT RAMP	This project is to add a boat ramp to access the Iowa River in the northeast corner of Waterworks Park. Improvements include a boat ramp, boat trailer parking, a boat dock, and an access road.	\$250,000
61	SAND PRARIE ENHANCEMENT	Take steps to clear, re-seed and perform low impact development on the 38 acre sand prairie and adjacent McCollister property acquired in 2004/05.	\$273,000
62	SECOND PARKING LOT AT ASHTON HOUSE	Provides for additional parking on the north side of the Ashton House to support larger events at the facility.	\$130,000
63	LOWER CITY PARK MASTER PLAN IMPROVEMENTS	Implement changes to make the park more resilient to flooding. Follows from the 2015 master plan.	\$23,268,522
64	EAST SIDE SPORTS COMPLEX IMPROVEMENTS	Build out of a new 73 acre park on the City's east side. The park includes expansion of various field sports as well as serves as a neighborhood amenity. Follows from the 2015 master plan.	\$14,034,794
65	UPPER CITY PARK POOL AQUATIC ENHANCEMENTS	The project includes design and construction of aquatic enhancements to Upper City Park. Includes renovation of the existing pool and the addition of modern aquatic features possibly including splash pads, slides and other family-friendly amenities.	\$4,500,000
9 - Other Projects			
66	BURLINGTON STREET MEDIAN	Construct the Burlington Street median from Gilbert Street to Madison Street. Project includes relocation of water and sewer utilities. This project will require a traffic signal preemption system. (Part of the Riverfront Crossings amendment to City-University URA).	\$1,973,000
67	CEMETERY COLUMBARIUM	Construction of a columbarium.	\$405,000

**City of Iowa City
Capital Improvement Program
Unfunded Projects**

Project Name	Description	Unfunded Amt
68 POLICE EVIDENCE STORAGE FACILITY	Construction of a permanent evidence storage facility.	\$929,000
69 FIRE STATION #1	Relocate and expand / modernize Central Fire Station #1.	\$11,593,000
70 FIRE STATION #5	Construction of Fire Station #5 in the South Planning District.	\$2,898,000
71 FIRE STATION #6	Construction of Fire Station #6 in the Southwest Planning District.	\$2,898,000
72 FLOOD BUYOUTS	This project will provide funds for the purchase of houses in designated flood hazard buyout areas after FEMA and CDBG buyout programs have ended.	\$530,000
73 EQUIPMENT MAINTENANCE FACILITY	Construction of new Equipment Maintenance Facility at the So. Gilbert St. Public Works site, replacing the existing facility at Riverside Dr.	\$9,454,000
74 RIVERSIDE DRIVE REDEVELOPMENT	This project includes methane abatement, excavation, and fill at the 7 acre site owned by the City at Riverside Dr. and Hwy 6. This site preparation would allow for marketing of this property for commercial development.	\$2,527,000
75 AIRPORT EQUIPMENT SHELTER	Snow removal equipment was previously stored in United Hangar. Equipment Shelter would provide enclosed storage for equipment.	\$337,500
76 AIRPORT PERIMETER ROAD	Construction perimeter road for maintenance and fueling vehicles to travel to south development area.	\$267,700
77 SOUTH AIRPORT SITE DEVELOPMENT	South General Aviation area site development with access roadway and utilities.	\$2,125,100
78 SUMMIT ST. HISTORIC PLAN	Streetscape and intersection elements through Summit Street Historic District.	\$302,000
79 TRAFFIC SIGNAL PRE-EMPTION SYSTEM	This project will install a city-wide Geographic Information System based traffic signal pre-emption system for emergency vehicles. This system is necessary if the Burlington St Median Project is constructed between Madison St and Gilbert St.	\$1,221,000
80 BURLINGTON STREET DAM	Modification of the Burlington Street Dam to address public safety concerns, improve riverbank stability, improve fish habitat, and create recreational opportunities.	\$6,435,000
TOTAL - UNFUNDED PROJECTS		\$ 284,793,566